



Quantum & *Quantumizing* *Agriculture, Food, Seed,* *Healing...*

Through the **Science of the
Indigenous, Quantum Science** and
Science of the Spirit

Powerpoint for Liwanag



A Journey in Quantum

with Pam Fernandez

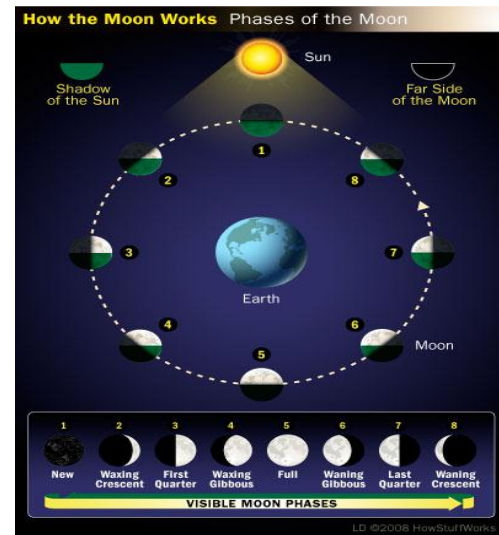
I am grateful for the photos available in the internet.

Two of my organic-quantum solutions in Agriculture... *and considered by many as our last chance:*



Biodynamic

**Agnihotra -
Homa farming
Homa therapy**



GREAT SOLUTIONS *(synthesis level, multi-dimensional)* **... to overriding challenges:**

...Earth health
...Climate change
...Human illness and “paralysis”

Apathy

Cynicism

Hopelessness



***Deeper Agriculture: Organic or
Quantum!***

Agnihotra, Biodynamics for **Climate Engineering**

- **Ozone hole**
- **Radioactivity**
- **Cleansing and life giving**
(soil, water, air, ether)
- **Mind and body cleansing**

Transforming Agriculture...

using **New & Old science...** Change your thought and you change the world... The heart of the revolution is the revolution of the heart...

Albino Strawberry?

It is only with the heart that one can see rightly; what is essential is invisible to the eye.



The framework of Sustainable Agriculture



This is also the framework of
Philippine Agenda on Sustainable
Development

1. Ecology
2. Economics
3. Social justice, humaneness, equitability, empowerment
4. Cultural appropriateness
5. Appropriate technology
6. **Grounded on Holistic & Integrative science...**
challenge to accept, imbibe
7. **Development of full human potential...**
forgotten, token

Quantum Agriculture...

Holistic Sequel to Ecological and Organic Agriculture

- ⊙ LISA, LEISA – *still allows chemicals*
- ⊙ 'Organic' agriculture

*Time Tested Sustainable
Agriculture Solutions*

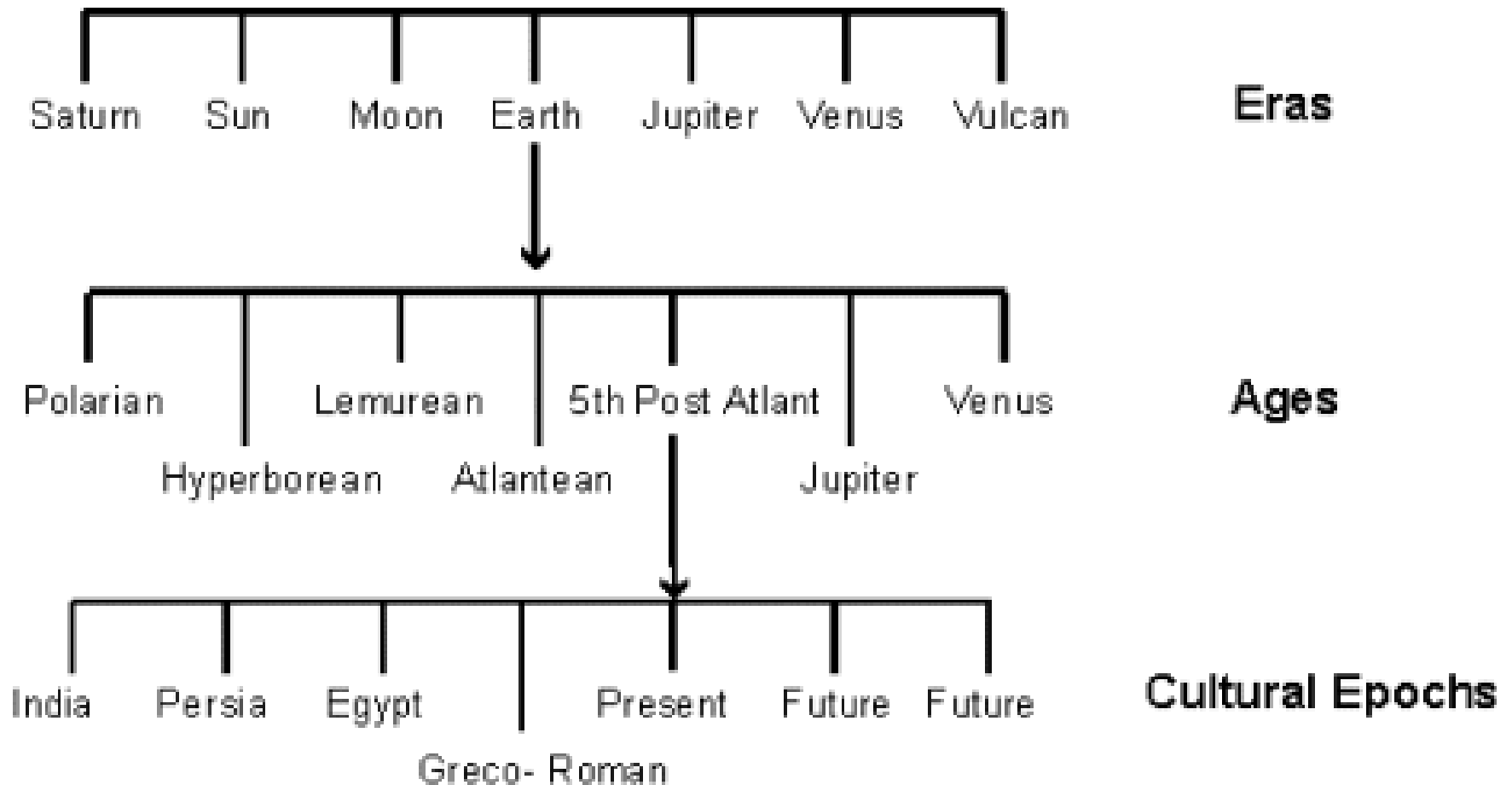
- ⊙ Permaculture (*landscape design*)
- ⊙ Nature Farming (*microbials, soil quality*) – *the gateway to quantum realm*
- ⊙ Natural farming (*“do nothing”*)- *nature will do the work for you, after you prepare self and the farm*

QUANTUM:

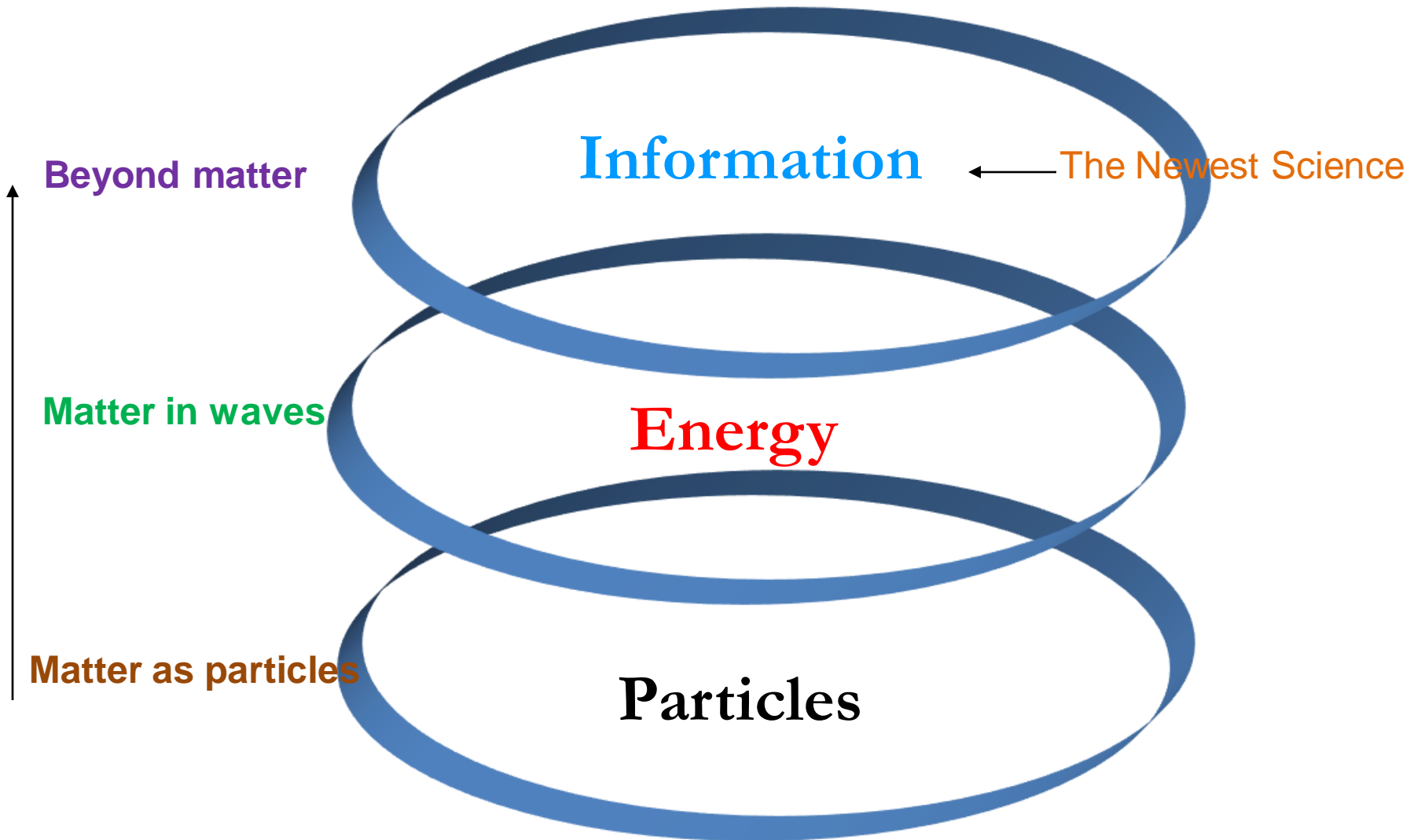
- ⊙ Biodynamic farming (*life forces*)
- ⊙ Agnihotra-Homa farming
- ⊙ Energy farming
- ⊙ Intuitive farming (*heightened consciousness*)
- ⊙ Vedic farming
- ⊙ Other quantum – cosmic approaches

Everything changes... Universe is expanding, then the earth itself, then those on earth...

Agriculture has half life of 7 yrs!



The world is made of...



What is the world made of...

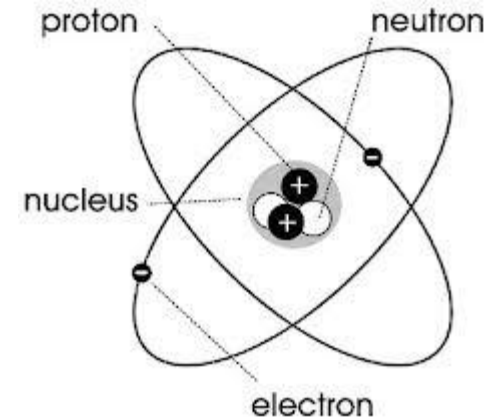
Beyond the 3 dimensions?

Beyond gravity, electricity, electromagnet?

Beyond the subatomic particles?

Beyond relativity?

- The field
- The Quantum field
- Formative force field
- Ether
- Subtle force
- Hyperspace
- Fourth dimension
- Scalar energy
- Zero point field



What The Universe Is Made Of

DARK MATTER

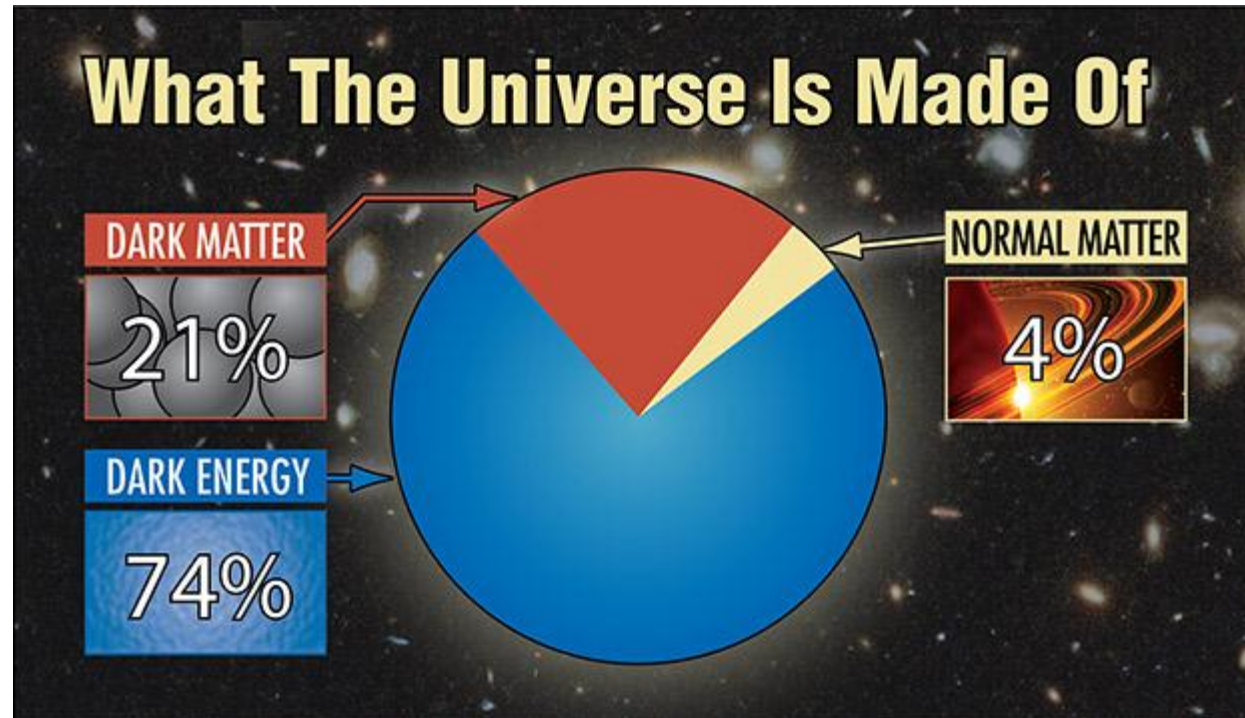
21%

DARK ENERGY

74%

NORMAL MATTER

4%



Quantum? ... *Quantum leap* *Quantum science... Beyond physical or material*

Subtle, invisible, “undetectable”, immeasurable

Small amount but very powerful: 1 tbsp/hectare

Little effort but with profound effect

Multi-dimensional, multi-level, multi impact

Far-reaching (distance and spread)

Transmutational (transubstantiation, alchemy)

Spiritual – non material energy

Quantum Agriculture... A subject offered at UPLB

<http://www.quantum-agri-phils.com>



QUANTUM AGRICULTURE PHILIPPINES

Agnihotra Homa Farming – my Quantum Partner

June 17th, 2012 · Posted in Agriculture, Crop Science · Cosmos, Universe · Earth, Environment, Elements, Energies · Global Politics · Health and Healing · Human Development, Transformation, Self Knowledge · Practices, Technology, Approaches · Quantum Agriculture (Biodynamic, Agnihotra-homa, Vedic, Yogic, Shamanic, Intuitive, etc) · Spiritual science · Write comment

The many years of teaching, research-extension and advocating has led me to the conclusion that we need quantum solutions not only in Agriculture but also in the Environment and Consciousness, and in the other spheres of society (i.e, not only in the cultural sphere but also in the economic and political spheres). I was brought to commit to the practice of Agnihotra in 2007 after a super typhoon called Milenyo. I sensed that nature's forces are becoming graver yet here we are acting like it is business as usual. I am sharing the newsletter (issues 1-9) on Agnihotra Philippines Forum to solidify the intention of spreading the practice. I initially posted them in my other sites:

<http://agnihotraphilippines.blogspot.com/>
<http://agnihotraphilippines.multiply.com/>

The effect is amazing, the practice so simple. The practice has multi-level effect. I have been serving as distribution source of the pyramid and the needed consumables, including literature. Shipping in the country is easy. Coming up is the 10th issue.

I want so share too that Agnihotra is a partner practice of the Don Bosco Foundation for Sustainable Development Inc. which is primarily promoting and doing Biodynamics.



WAVE OF CHANGE



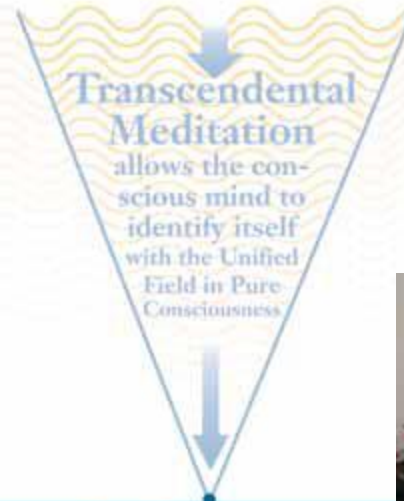
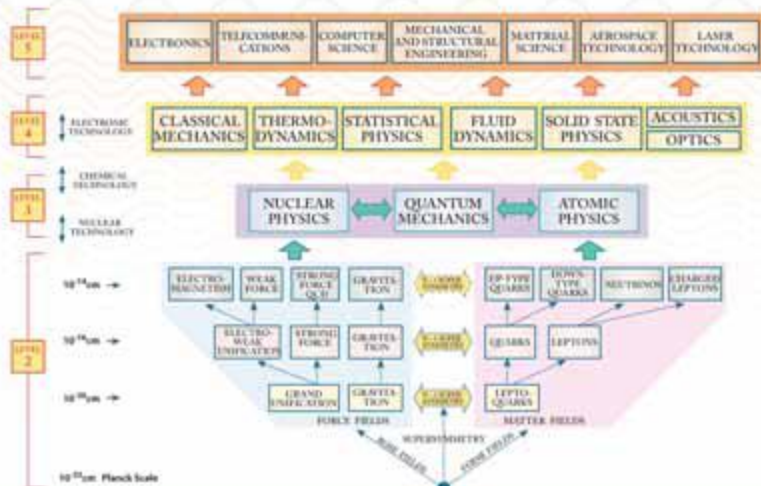
A new wave of change is here. This wave permeates all aspects of human and earth existence. On the other hand, new knowledge is being revealed and new tools are being developed to answer current challenges: illnesses, pests and diseases, climate changes, calamities, etc. Approaches have been 2-pronged: one hangs on to the old mechanistic reductionist model, the other explores what is beyond that, as well as the fundamental role of human beings in addressing all these challenges in a synthesis way. Einstein's premise is that we cannot find solution to our problems with approaches that come from the same framework that created the problem in the first place. These solutions must be coming from outside the box. And that outside the box space has been there all along, among ancient practices and teachings, and is now confirmed by the new

VEDIC Science and Practices... ancient but parallels new quantum science findings



PHYSICS

CONSCIOUSNESS



Super Unification
Unified Field
of all the Laws of Nature

Pure Consciousness
Unified Field
of all the Laws of Nature



Agnihotra: *a simple Quantum Approach for our Current Earth and Human Challenges... before Hinduism*



artwork by Gaelyn Larrick



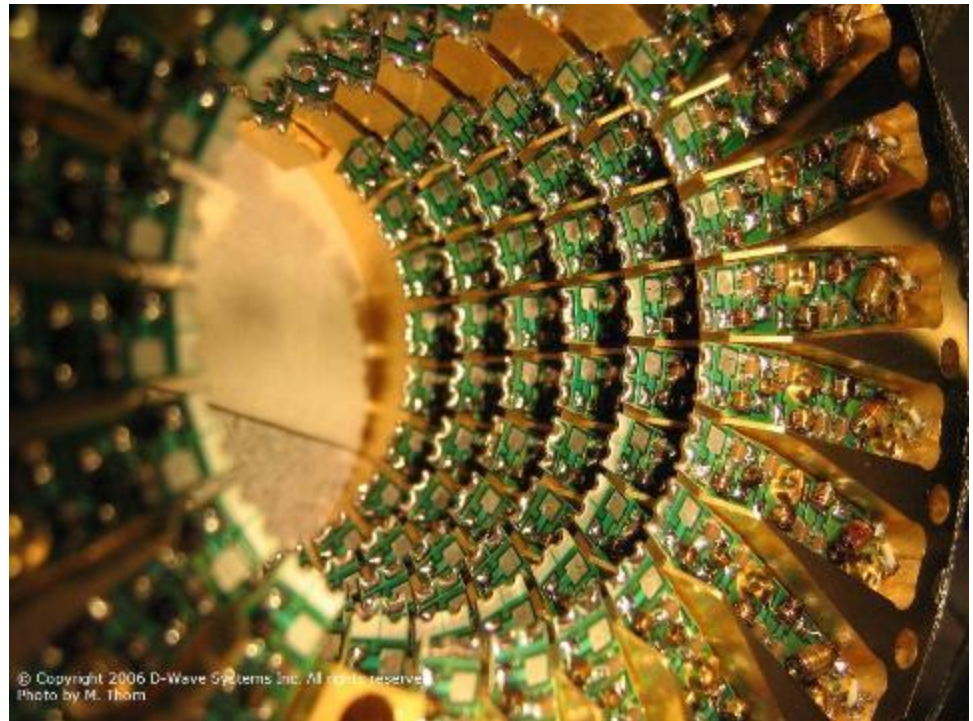
Modern quantum: Cellphones Quantum computers

Incredible capacities

The universe is the hardware and software

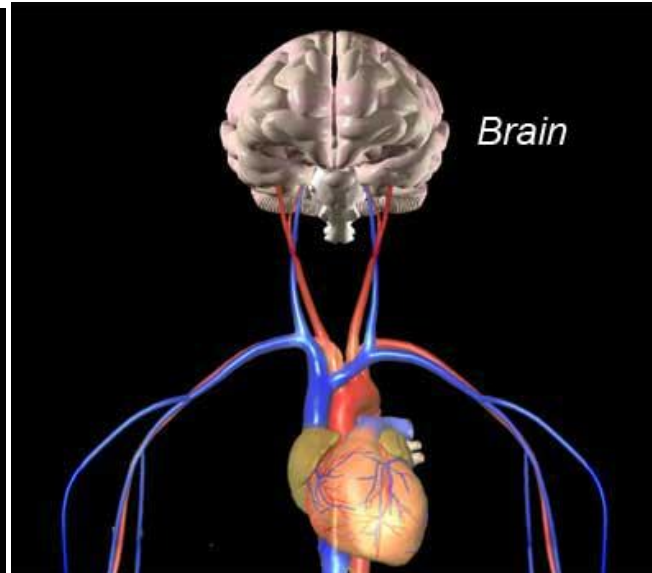
Device for computation that makes direct use of quantum mechanical phenomena, such as superposition and entanglement, to perform operations on data.

The basic principle behind quantum computation is that quantum properties can be used to represent data and perform operations on these data.



Human brain ... neuroplastic, creative...also a quantum computer

BRAIN in the *head, heart and gut...*



<http://www.youtube.com/watch?v=ahSYwchh-QM>

The gut has a mind of its own, the "**enteric nervous system**". Just like the larger brain in the head, researchers say, this system sends and receives impulses, records experiences and respond to emotions. Its nerve cells are bathed and influenced by the same neurotransmitters. The gut can upset the brain just as the brain can upset the gut

Scalar energy: natural and synthetic

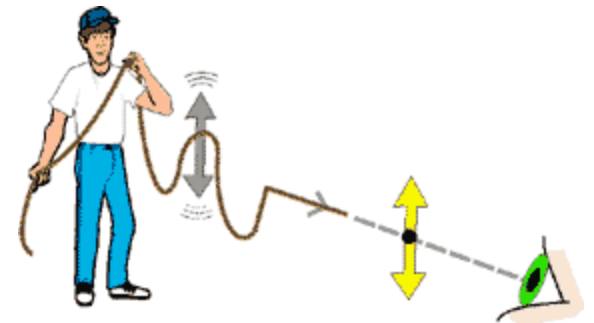
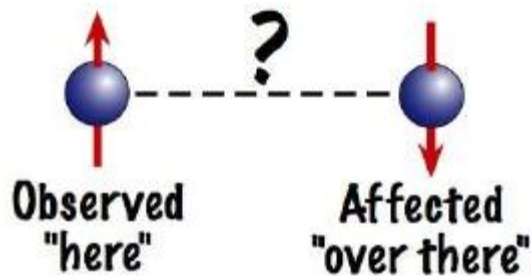
*scalar or
quantum
pendant*

Biodisc via nanotechnology



Quantum Entanglement

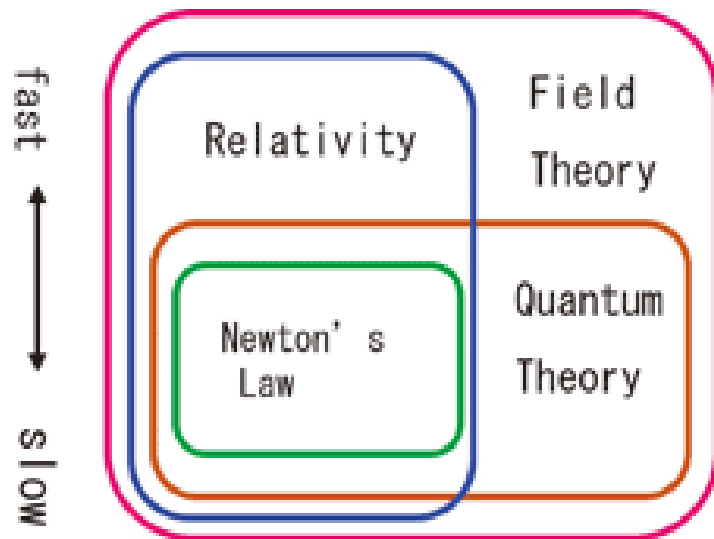
... also called quantum non-local connection (**Nonlocality**).



... the quantum states of two or more objects are linked together so that one object can no longer be adequately described without full mention of its counterpart — even though the individual objects may be spatially separated.

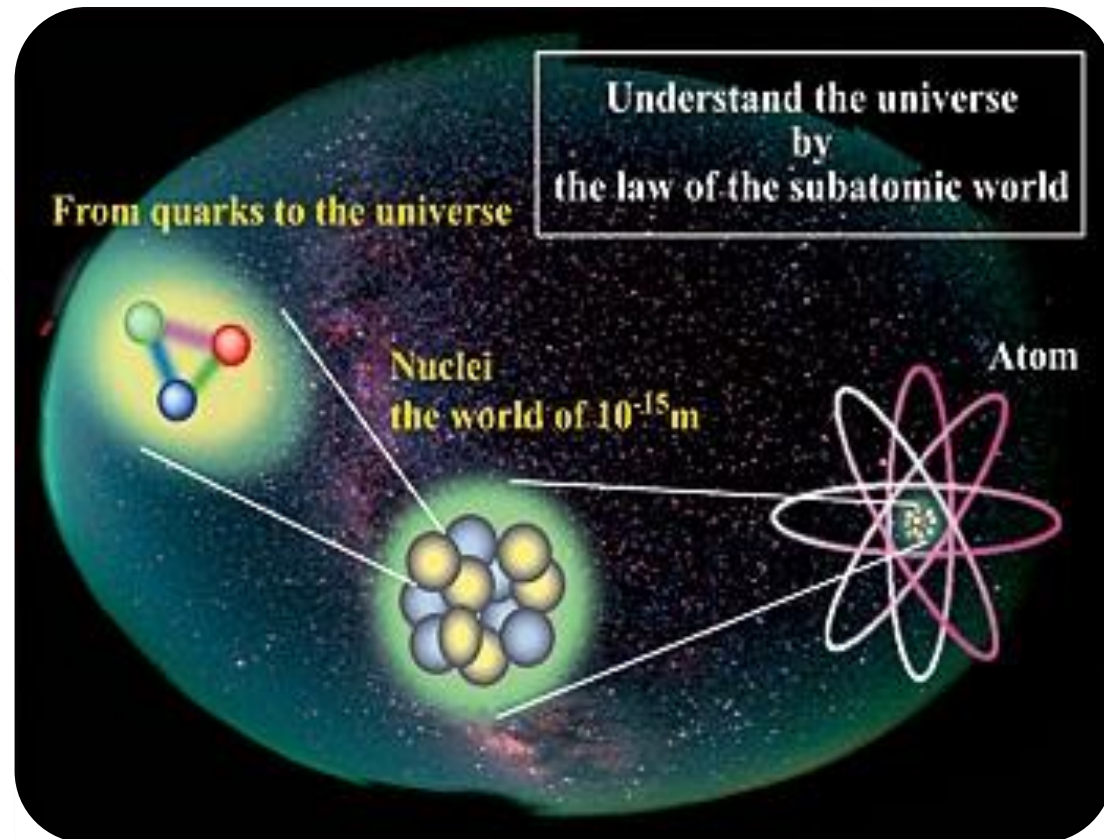
We are all one and interconnected

Science evolves... *beyond Einstein,* *beyond matter*



macro \longleftrightarrow micro

WSOLO \longleftrightarrow WICLO



The difference between Quantum and the older Science

by Phyllis Kirk

NEWTONIAN

Matter is made up of 'things'

The world is a clockwork machine

We understand things by taking them apart

Knowledge comes in pieces: science, math, art

People have narrow, specific skills

Motivation is based on manipulation of external
lures

Things fall apart

The basic unit is 'things'

Structures are man-made

Order comes from having structure

Information should be closely managed

Either/or

Certainty

Predictable

Determined

Linear

Observer/observed

Duality: good/bad, right/wrong

Judgment and exclusion

Change is the troubling exception

We want equilibrium- - -

QUANTUM

Matter is bundles of energy in relationship to
each other

The world is a great thought

We understand things by **looking at the whole**

Knowledge is seamless

People learn **continually and are
multitalented**

Motivation is based on **a person's
connection to the whole**

Things **self-organize**

Relationships are all there is

Structure **emerges**

Order comes from freedom of information

Information should be open, abundant

Both/and

Inconsistency

Random

Undeterminable

Non-linear

Participant

Wholism: it all belongs

Perception and choice

Change is **all there is**

We want to be at the edge of chaos~~~~

Quantum Quiz

Here's a fun comparison of Newtonian and Quantum adapted and enhanced from the work of Meg Wheatley and Myron Kellner-Rogers. See if you can fill in the blanks. (Complete chart at end of Foreword.)

Newtonian	Quantum
Matter is made up of 'things'	Matter is bundles of energy in relationship to each other
The world is a clockwork machine	The world is a great thought
We understand things by taking them apart	We understand things by _____? _____+
Knowledge comes in pieces: science, math, art	Knowledge is seamless
People have narrow, specific skills	People _____? _____
Motivation is based on manipulation of external lures	Motivation is based on _____? _____
Things fall apart	Things _____? _____
The basic unit is 'things'	Relationships are all there is
Structures are man-made	Structure _____? _____
Order comes from having structure	Order comes from freedom of information
Information should be closely managed	Information should be open, abundant
Either/or	_____? _____
Certainty	Inconsistency
Predictable	Random
Determined	_____? _____
Linear	Non-linear
Observer/observed	Participant
Duality: good/bad, right/wrong	_____? _____
Judgment and exclusion	Perception and choice
Change is the troubling exception	Change is _____? _____
We want equilibrium ---	We want to be at the edge of chaos ~~~

BIODYNAMIC... IS QUANTUM AGRICULTURE

Biodynamic ... is an approach to agriculture based on a concept of life forces. ... These forces work in nature to bring **balance and healing!**



Bio – life
Dynami – Force



Components of Biodynamic

SEPTEMBER 2008									
STELLA FERTILIS									
KIMBERLY'S BIODYNAMIC AGRICULTURAL CALENDAR									
DATE	MOON	SUN	PLANETS	BIODYNAMIC PREPARATIONS	BIODYNAMIC CALENDAR	BIODYNAMIC CALENDAR	BIODYNAMIC CALENDAR	BIODYNAMIC CALENDAR	BIODYNAMIC CALENDAR
1	10	12	13	14	15	16	17	18	19
2	11	13	14	15	16	17	18	19	20
3	12	14	15	16	17	18	19	20	21
4	13	15	16	17	18	19	20	21	22
5	14	16	17	18	19	20	21	22	23
6	15	17	18	19	20	21	22	23	24
7	16	18	19	20	21	22	23	24	25
8	17	19	20	21	22	23	24	25	26
9	18	20	21	22	23	24	25	26	27
10	19	21	22	23	24	25	26	27	28
11	20	22	23	24	25	26	27	28	29
12	21	23	24	25	26	27	28	29	30
13	22	24	25	26	27	28	29	30	1
14	23	25	26	27	28	29	30	1	2
15	24	26	27	28	29	30	1	2	3
16	25	27	28	29	30	1	2	3	4
17	26	28	29	30	1	2	3	4	5
18	27	29	30	1	2	3	4	5	6
19	28	30	1	2	3	4	5	6	7
20	29	1	2	3	4	5	6	7	8
21	30	2	3	4	5	6	7	8	9
22	1	3	4	5	6	7	8	9	10
23	2	4	5	6	7	8	9	10	11
24	3	5	6	7	8	9	10	11	12
25	4	6	7	8	9	10	11	12	1
26	5	7	8	9	10	11	12	1	2
27	6	8	9	10	11	12	1	2	3
28	7	9	10	11	12	1	2	3	4
29	8	10	11	12	1	2	3	4	5
30	9	11	12	1	2	3	4	5	6
31	10	12	1	2	3	4	5	6	7

Biodynamic Preparations :

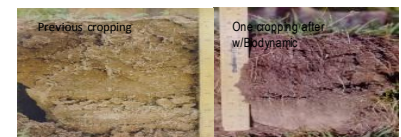
- from cow/carabao manure in cow horn (BD 500)
- Mineral;(quartz/silica)-BD501
- weeds & other plants (BD 502-508).

Biodynamic Calendar (BD) – cosmic configurations and rhythms moon, planet & constellation.

Features of Biodynamic Agriculture:

- Promotes the individuality of each farm or garden by minimizing outside inputs and “digesting” as many aspects of the land’s operation as possible back into the living organism.
- Operates on the fundamental insight that the soil is as important to the earth as blood is to the human being.*
- The health of the soil is paramount to all biodynamic practices. Emphasis is on the living vitality of the soil through the creation of humus and related beneficial biological activity. This approach differs from simply adding corrective supplements to crops or land, whether or not these supplements are considered organic or chemical.
- Uses no chemically synthesized fertilizers, pesticides, herbicides, fungicides, fumigants, hormones, antibiotics, growth regulators or GMOs. Reliance on these synthetics reduces the ability of plants to absorb nutrients from the soil, leaving them susceptible to disease. Over time, these chemicals kill the soil and the environment.*
- Employs a series of eight herbal-based preparations applied to the soil in order to promote soil vitality through increased microbiologic activity and diversity.
- Uses cover crops and companion plants to maximize the health of the farm or garden.*
- Promotes pest control through soil management, Biodynamic sprays and teas, crop rotations and diversification, and the encouragement of diverse animal, bird and insect populations that lead to self-regulating predator and prey relationships.
- Aligns garden and farming practices (planting, pruning, etc.) with the Earth's natural cycles (lunar, seasonal) for maximum health and development of plants.*

... Biodynamic Preparations – use to enhance soil quality, stimulate plant life, help moderate & regulate biological processes, enhance & strengthen the life (etheric)forces of the farm.



BIODYNAMIC PREPARATIONS

BD 500 – Cow Manure in Cow Horn



1. Fresh cow manure will be packed inside the cow horn.



2. Packed cow manure will then be buried in the soil for 6 months.



3. Harvest cow manure after 6 months. Harvested cow manures are ready to be applied in the farm. It has the property of concentrating earth energies. The preparations are used in homeopathic (superdiluted) quantities.



4. Stirring BD 500 in 2 directions –vortexing (water absorbs the cosmic force through vortex).



5. After vortexing, BD 500 can be sprayed to the ground in the afternoon.



The result...

🌱 **BD 500 applied to the soil to stimulate root growth & humus formation.**

BD 501 – Minerals (Quartz/Silica)



1. Ground silica will be put into a cow horn & buried in the soil for 6 months.



2. Harvest silica which was buried in the soil after 6 months.



3. Silica can be sprayed in the canopy in the morning as the leaves will absorb energy from the cosmos. Note: vortex should be done before spraying.

🌱 **Silica ... helps stabilize plant metabolism & enhance the quality of the crops as well as increasing resistance to pests & diseases.**

BD 502 - 507 for making compost



502 yarrow



503 chamomille



504 stinging nettle



505 oak



506 dandelion



507 valerian

Biodynamic preparations, Source and Function

PREPARATION	SOURCE (PLANT PART)	PROCESS	FUNCTION(S)
500	Cow manure	Cow manure buried in cow horn during winter	Serves to relieve plants of stress; promotes root activity especially of fine root hairs to stimulate soil micro-life and increase beneficial bacterial growth; invigorates the soil
501	Quartz	Quartz crystals buried in cow horn for several months	Helps bring sunlight to the leaves; stimulates fruit and seed formation; improves the flavor, keeping quality nutritional value of crops as well as making them resistant to diseases and pests; acts as supplement to BD 500
502	Yarrow (blossoms) (<i>Achillea millefolium</i>)	Blossoms are buried for a year in a bladder of a stag (male young horse)	Regulates potash process with the help of sulfur; allows plant to take up the proper trace elements essential for growth and seed formation
503	Chamomile (blossoms) (<i>Chamomilla officinalis</i>)	Chamomile buried in a cow's intestine	Regulates calcium process also with the help of sulfur; aids in stabilizing the nitrogen content of plants; helps the plant to find the right relationship between silica and potassium, enabling the soil to take in the right amount of silica from the atmosphere and from its cosmic surroundings
504	Stinging nettle (whole shoot in bloom) (<i>Urtica dioica</i>)	Buried for a year or more	Multiple functions; similar to heart in human organism; regulates potassium, calcium and iron with help of sulfur; makes manure inwardly sentient and sensitive; makes the earth itself intelligent and permeates it with reason; soil individualizes itself and allows proper relationship between soil and specific plants; helps keep the N content of the compost from evaporating; as liquid manure, it enhances the vegetative growth of plants, especially the dry weather
505	Oak (bark) (<i>Quercus robur</i>)	Buried in a skull of a domestic animal	Calcium regulation; helps control plant diseases
506	Dandelion (flowers) (<i>Taraxacum officinale</i>)	Buried in a cow's mesentery (stomach)	Stimulates transmutation of chemical elements; for example potassium to nitrogen; helps regulate cosmic influences; sensitizes plant to environment; plants are stimulated to draw in what they need and not just from soil environment; helps regulate the formative life energies coming from the cosmos or the stars and planets beyond the earth
507	Valerian* (flowers) (<i>Valeriana officinales</i>)	Extract juice	Regulates phosphorus process; aids in the compost fermentation process
508	Horsetail* (<i>Equisetum arvense</i>)		Prevents rust and other fungal diseases; can be used as spray against mildew, rust, scab, and other soil-borne pathogenic fungi; improves protein content and ratio of vitamin C in the plants

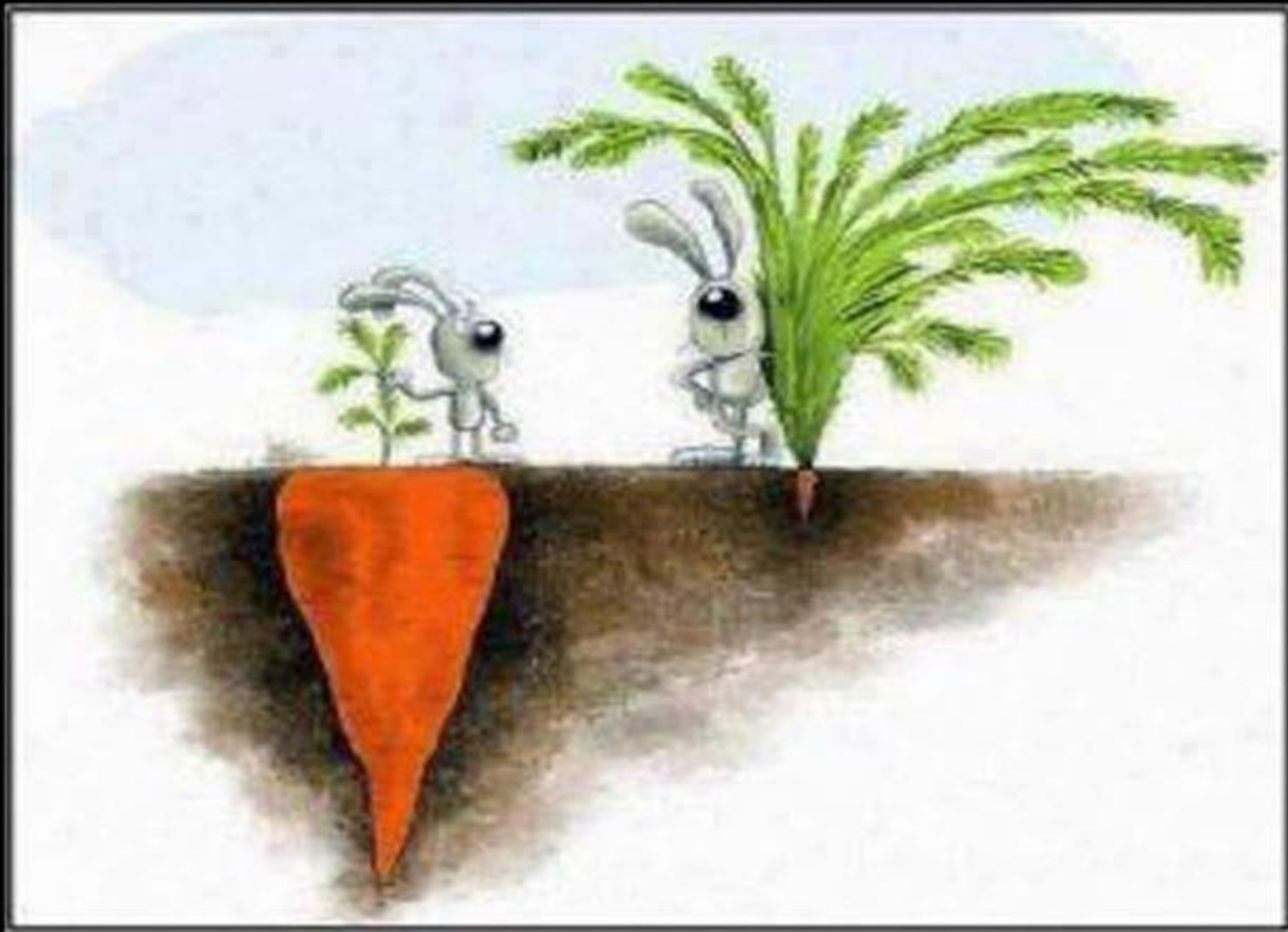


**BD 508 Horsetail or
Equisetum**



**Hopeless "Tungro" ?
cured by horsetail !!**





SUCCESS

It's not always what you see



Root or Earth day

Virgo
Capricorn
Taurus

**Planting time
determines what part
of the plant develops
well at later stages**



Leaf or Water day

Cancer
Scorpio
Pisces



Flower or Air/Light day

Gemini
Libra
Aquarius



Fruit/Seed or Fire day (Warmth)

Sagittarius
Aries
Leo

USA Time... for Philippine time, see the indication 12 hours before

Calendar of the Soul: Verses 44-48

136 3-18 ~
18-27 H
(R 23-28) 28 ~

1-2 \nearrow
2-23 \searrow
23-28 \approx

$$\begin{array}{l} 1-24 \approx \\ 24-28 \times \end{array}$$

○

SATURN URANUS

NEPTUNE

PLUTO

 (R 18-28)

⋈

[illegible]

Essential process: Potentizing, Vortexing, Chaos

***Water absorbs the cosmic force
through vortex***

and... water REMEMBERS !!



Stirring BD 500 in 2
directions



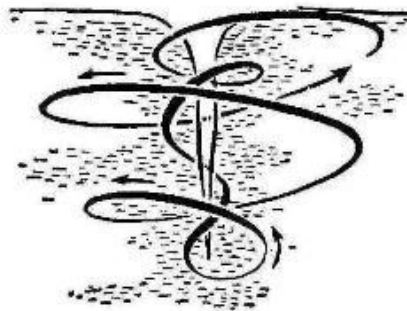
Flowform *leads to potentization (vortex)... substitute to the stirring*

The brain's, intestines' and lungs' configuration are also that of lemniscate

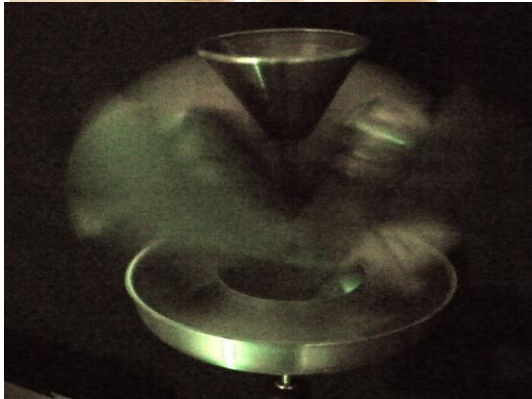
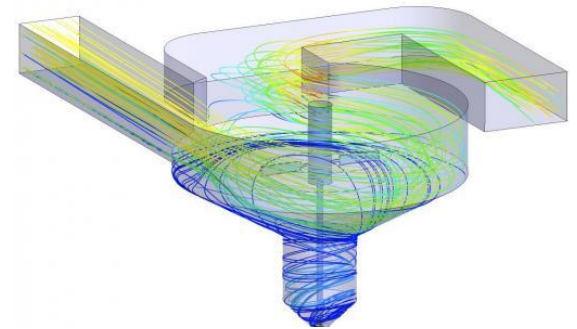
these are **transubstantiators!!**



Water around a whirlpool moves in spirals



Quantum Water purification for waste water, agriculture, drinking water, air



Vortex water for health

<http://www.youtube.com/watch?v=1jq9iTo0bKU>

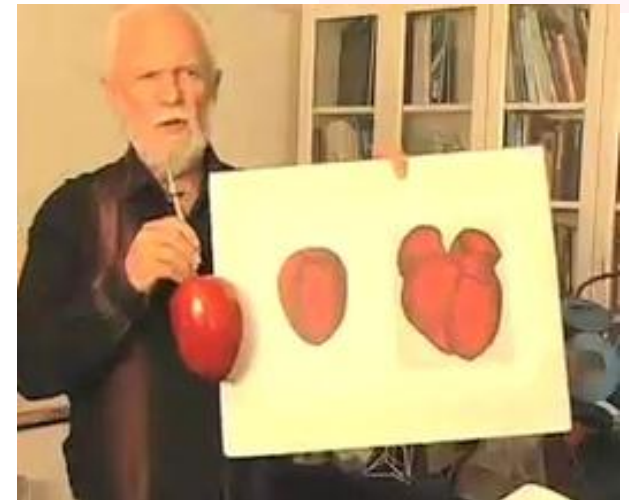
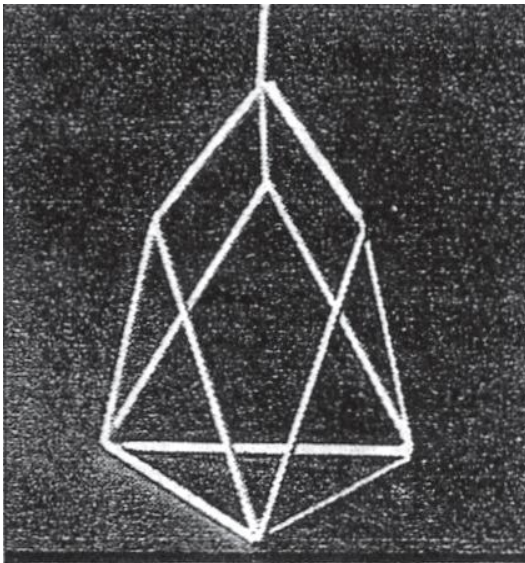
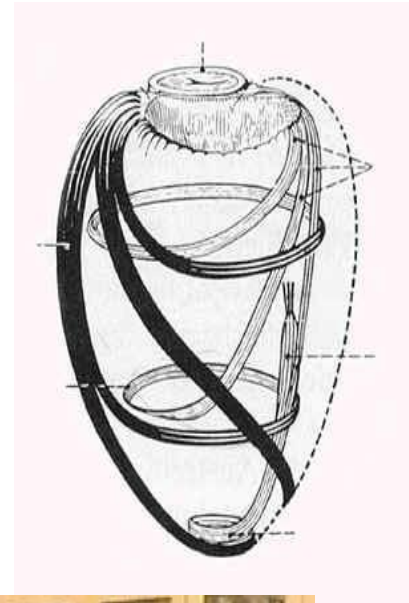
The secret life of water...vortex energy

<http://www.youtube.com/watch?v=nYiKfNmBESo>

through Frank's vortex generator



The heptahedron or chestahedron is a new discovery... they transform... as they are changed, reversed or inverted... to the bell (air) and the heart (water)



A bell that is half filled with water, when rung or played, helps people cross the threshold (or those who are dying).

BD 500



PM
GROUND

BD501



AM
CANOPY



BD COMPOST



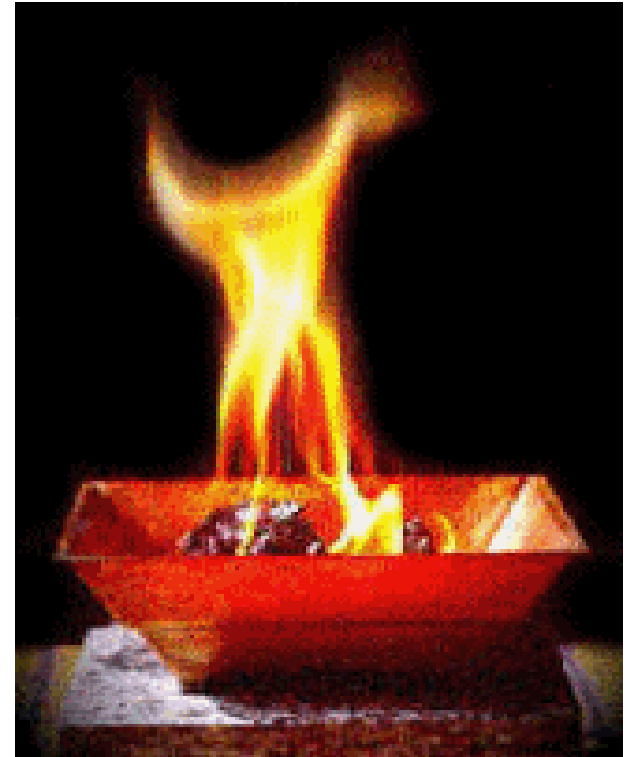
BD COMPOST PREPS

Agnihotra (& Homa Therapy)

Sound-related Technology



Agnihotra is one of many **healing fire** ceremonies from the ancient Vedic tradition (one of the simplest). Provides **profound healing for the planet and all her inhabitants.**



<http://www.cosmicgathering.com/agnihotra>

<http://www.homatherapy.org/agnihotra-basis-homa-therapy>

AGNIHOTRA: Quantumly cures the Earth...

What is Agnihotra?

- process of **healing & purifying** atmosphere through the **agency of fire** during the **circadian biorhythm** of **sunrise and sunset**.
- part of **ancient Vedic practices** in medicine, agriculture & climate engineering.

Word Meaning:

Agni means **fire**
Hotra means **Healing**

Subtle Energies from Agnihotra

- Evoke or reinforce our own vital energy, subtle energy, life force, bio-energy, bio-plasmic energy, prana.
- **Kirlian photography** (for aura) captures this energy pictorially.
- Other device (**psychotronics, oscilloscope**) can demonstrate changes in subtle energies & life forces.



Before Agnihotra



After Agnihotra

What Happens during Agnihotra?

- At sunrise, the many fires, electricities, ethers and more **subtle energies emanating from the sun extends to the earth**.
- The sun produces a **flood of effect** at those coordinates where the sun appears to rise.
- The energies are captured within the pyramid and thrust **12 km into space by fire & 1 km radius around** where there is a layer with "quantum-cosmic" particles and nutrients.
- This flood of energies returns to the pyramid and rebounds **bringing nutrients and love energies** into the surroundings which nourishing plants, animals and human life.

- The Agnihotra mantras are the **quintessential (typical) sound** of that flood.
- At sunset the flood recedes.
- The practice is done at exact **sunrise & sunset** to catch that highly powerful energy (**ephemeral, not more than 30 sec.**).
- a **vortex** of energy is created from the pyramid to attract the strong healing energy from the sun specific at those moments.
- The contents that are aflame become **transformed**. Together with the **energy contents**, are able to **purify the atmosphere and other earth components**.
- The resulting **ash** has various **healing applications**.

How to do Agnihotra

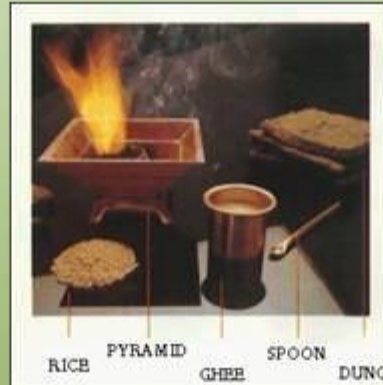
Materials needed:

1. **Timetable or Calendar of Sunrise & Sunset.**
2. **Pyramid...** vibrates with Fire... when inverted, releases energies & spread into the atmosphere... an energy formed & neutralizes negative energies & reinforces the positive pattern of energy. Pyramid which is made up of **copper or gold**.
3. **Copper/gold...** best **conductor of heat and electromagnetic waves**! both esp. in pyramid form act as generator of negative ions when the necessary components are burned.
4. **Cow Dung ... Cleanest & most transformed of all dung.** Fresh and burnt cow dung (*fumes and ash*) are highly medicinal... Proven to **eradicate harmful bacteria** and control dangerous effects of **RADIOACTIVITY**.
5. **Ghee (clarified butter)...** has properties of **detoxification**... act as **carrier of subtle healing energies**... the mother of all medicine & has many therapeutic properties... full of nutritional properties.
6. **Rice (unpolished)...** has yin yang effect, releases certain healing substances.

* Agnihotra performer acts as **biological transducer** (energy transformer) of various energies that are beneficial
* Women in their menstrual period **should NOT** handle the materials - *energy goes downward thus cancels energy.*

7. **Mantras...** words in **Sanskrit** (mother of all languages but nobody's mother-tongue)... Each **verse** is a **precise formula** creating a **vibration (focusing energy)** that then carries the directions and forces required.

- ✓ **Sunrise Mantras** should be sung in doing **morning Agnihotra**.
- ✓ **Sunset Mantras** should be sung in doing **afternoon Agnihotra**.
- ✓ Sunrise & Sunset – these are the **transitional moments** (neither day or night).
– a powerful stream of healing (vital life sustaining) energies similar in power to an atom bomb covers the earth at the times.
- ✓ Exact sunrise/sunset (HR:MIN:SEC:), Latitude, Longitude.



Agnihotra Timing

Procedure in doing Agnihotra:



1. Put dung patty at the base and smear with ghee. (do approx 10min before the time).



2. Prepare rice. Smear with ghee.



3. Light up approx. 7 min. before the time (use a chip of dung smeared with ghee).



4. At exact time add the rice while uttering the mantra (after each "swaha").

Mantra

Sunrise Mantras:

Suryaye Swaha
Suryaye Idam Na Mama
Prajapataye Swaha
Prajapataye Idam Na Mama

Sunset Mantras:

Agnaye Swaha
Agnaye Idam Na Mama
Prajapataye Swaha
Prajapataye Idam Na Mama

Applications of Agnihotra - Homa Therapy

Homa - a collective term for the various Vedic techniques used in the purification of atmosphere

Agnihotra is one technique.

Homa therapy... various healing applications on humans, animals, plants, soil, atmosphere, etc.

Humans/animals:

* **Apply externally** - **ash solo**, or in ghee - as **ointment**.

* **Drink** (put a pinch of ash in a glass of water, or boil for 10min a tsp ash in 2 liters of water).



Capsule



Agnihotra Ash

Agnihotra Water and Ointment

Homa Therapy in Farming/Agriculture...



1. Treat the farm atmosphere through Agnihotra and other pyramid-based but off-timed practices.

2. Treat/feed the soil and plants by adding or dusting Agnihotra ash to compost, raised beds/soil, organic or natural fertilizers and conditioners, mulch, plant leaves.

3. Seed selection & seed/seedling treatment (for vigor and resistance) in the Homa-treated area & with ash.

4. Seed treatment at planting; rooting enhancement for cutting and air layering (ash).

5. Treat pest infested and diseased plants and parts (with Agnihotra ash paste- with ghee).

6. Seed storage & food preservation.

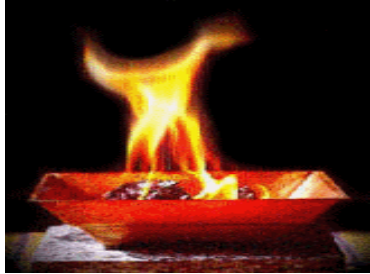
7. Farm animal care: Agnihotra performance and ash in soil bedding, manure, feed, water; also for health management and cure of diseases/illnesses.

QUANTUMIZING Seed, Food, Agriculture

Exhibit-Fair at UPLB in 2009



Hopeless cases like “Sigatoka” in Banana cured by Agnihotra !!



Inreased seed and plant vigor

Mungbean sprouting



Mungbean directly sown-with ash (left), directly sown-without ash (middle, and pre-soaked with pinch of ash (right).

SUNRISE AND SUNSET TIMINGS 2013

Davao City

Longitude east = 125.592865- (10-mode) = 125-35'34 " (60-mode)

Latitude north = 7.057128- (10-mode) = 7-03'26 " (60-mode)

Time difference to Greenwich Mean Time =8.000 hour(s)

January February March April Mai June

SR SS SR SS SR SS SR SS SR SS SR SS

hmmss hmmss hmmss hmmss hmmss hmmss hmmss hmmss hmmss hmmss

1. 55306 52914 **55955 54232** 55352 54613 53923 54347 52710 54223 52354 54659

2. 55331 52945 **55954 54249** 55328 54613 53855 54340 52652 54227 52360 54713

3. 55356 53015 55951 54305 55303 54613 53825 54333 52637 54230 52404 54726
4. 55420 53045 55948 54321 55240 54610 53757 54328 52621 54232 52410 54741
5. 55443 53117 55942 54335 55215 54608 53727 54321 52607 54237 52417 54755
6. 55506 53146 55938 54349 55150 54608 53659 54316 52552 54242 52424 54810
7. 55528 53218 55933 54403 55124 54603 53631 54312 52540 54246 52432 54825
8. 55549 53248 55925 54414 55059 54601 53603 54305 52526 54251 52440 54839
9. 55609 53318 55918 54428 55032 54557 53535 54300 52515 54258 52448 54855
10. 55629 53348 55909 54438 55005 54554 53507 54255 52504 54305 52457 54909
11. 55649 53418 55859 54449 54938 54550 53441 54251 52453 54312 52507 54923
12. 55706 53446 55847 54459 54910 54545 53414 54246 52443 54319 52515 54939
13. 55724 53514 55838 54510 54843 54542 53347 54242 52435 54326 52528 54953
14. 55741 53542 55824 54517 54815 54538 53321 54239 52425 54333 52538 55007
15. 55755 53610 55812 54526 54746 54531 53255 54235 52418 54342 52549 55021
16. 55811 53637 55759 54533 54718 54526 53230 54230 52412 54351 52601 55037
17. 55824 53705 55743 54538 54648 54522 53206 54228 52405 54400 52612 55049
18. 55837 53729 55728 54545 54620 54515 53140 54225 52399 54410 52624 55104
19. 55847 53756 55712 54552 54551 54510 53117 54223 52356 54419 52637 55118
20. 55900 53820 55654 54556 54520 54505 53053 54221 52350 54431 52650 55130
21. 55909 53845 55637 54599 54452 54458 53030 54220 52347 54440 52701 55144
22. 55918 53910 55618 54603 54422 54452 53008 54218 52345 54452 52715 55156
23. 55927 53934 55559 54606 54352 54445 52945 54216 52342 54503 52729 55207
24. 55934 53955 55540 54608 54322 54438 52924 54218 52341 54514 52741 55221
25. 55939 54016 55519 54612 54253 54431 52903 54216 52340 54526 52755 55233
26. 55945 54039 55458 54612 54223 54426 52842 54218 52340 54540 52809 55244
27. 55949 54058 55437 54613 54153 54417 52823 54218 52342 54550 52822 55254
28. 55952 54118 55414 54613 54123 54412 52803 54218 52342 54605 52836 55307

29. 55955 54139 54053 54407 52745 54218 52343 54619 52851 55317

30. 55956 54157 54024 54358 52727 54221 52347 54631 52904 55326

31. 55956 54214 53953 54353 52350 54643

SR SS SR SS SR SS SR SS SR SS SR SS



February 1 and 2



January 29, 30, 31

Amazing light during Agnihotra (digital camera)



Gerry Garingalao of Guimaras teaching agnihotra

How to use agnihotra ash

Humans/animals:

Externally - ash alone or in ointment w/ ghee, VCO, etc.

Drink (put a pinch ash in a glass of water (best if allowed to sit for 3 days, or boil a tbsp in 2 liter water for 10 min.

Eat directly

Plants: same concentration as in drink, use water after 3 days, or apply as paste on trunks, etc.

HOMA Therapy



The Ancient Science of Healing
Monika Koch

Ash collected after Agnihotra ceremonies conducted **worldwide** were examined in the Hado Life Europe laboratory. The results are published in the book **‘Fire and Water’**.



<http://emoto.pradephoto.com/jp/foerderer/artikel/?seite=right-2.html>

Shree Vasant's Agnihotra Ash formed the water crystal *(done by Dr. Emoto).*

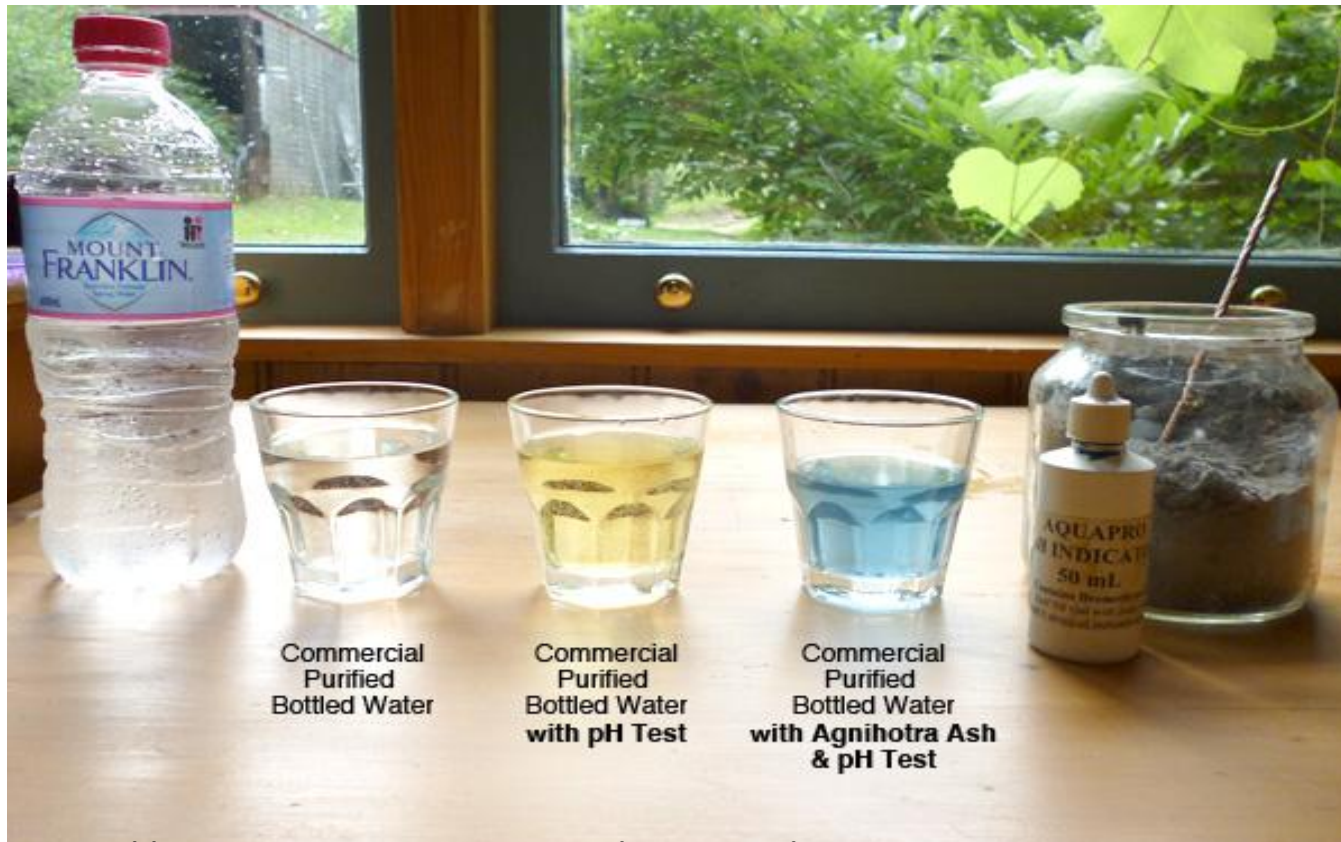


http://www.homa1.com/noticias/newsletter_27.htm

Acidic
4.5 to 6.0
Most Purified Waters

Neutral
6.5 to 7.2
Most Tap Waters

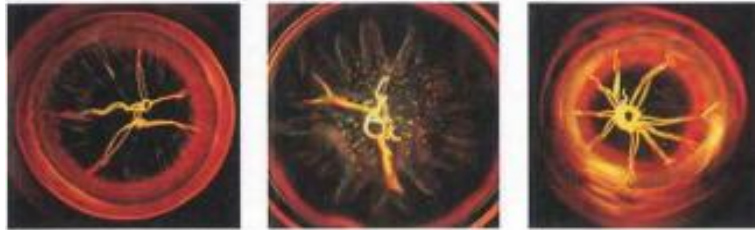
Alkaline
7.3 to 10+
Agnihotra Ash Water



<http://www.homatherapy.org/content/agnihotra-ash-and-alkaline-water>



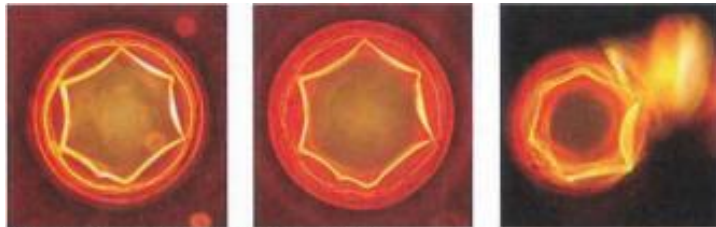
Proben aus Biolandwirtschaft 2009



Proben aus Biolandwirtschaft 2010

ORGANIC

ORGANIC+HOMA



Proben aus Bioanbau einschließlich Agnihotra 2009



Proben aus Bioanbau einschließlich Agnihotra 2010

Apples: Organic vs Organic Homa

apples of two organic farmers in South Tyrol using **dark field microscopy.**

While one of the farmers operates a conventional organic agriculture, the second applies in addition Homa Therapy. He does the morning and evening Agnihotra in site and applies the Agnihotra ash to the cultivated area. The pictures of 2009 and 2010, show interesting results (above): **The samples from organic farming with Homa Technology show that**

an hexagram is always present, which indicate a special quality.

How to explain the effect of Homa Therapy?

Just as the water-crystals, the dark-field images show a **higher**

degree of order of the samples. The Homa fires can

re-order and harmonize the atmosphere on subtle levels. The whole ecosystem benefits from the Homa fires. Already Rudolf Steiner argued that plants assimilate up to 70% of the nutrients through the leaf; thereby the quality of the atmosphere plays the most important role. The soil here has a secondary meaning.

Homa-atmosphere supports very positively plant respiration and the formation of chlorophyll. The plants are fed with the necessary nutrients and life force, so that they fit completely and effectively into the ecological balance. And through this, the whole system of oxygen cycle in nature is supported.

Everyone is invited to learn about Homa Therapy. The more it spreads the better for our world ...

First in the FIVEFOLD PATH....

a guide for happy living:

1. Perform **AGNIHOTRA** for purification of the atmosphere which leads to automatic purification of mind.
2. Practice **DAAN** (sharing of assets in a spirit of humility to reduce attachment to worldly possessions).
3. Practice **TAPA** (becoming better managers of our energy expenditure by training the body and mind to react to all circumstances in life with Total Love).
4. Perform **KARMA** (every action for self purification only and thus no expectations which bind us to the material world).
5. Practice **SWADHYAYA** (Self-study) for liberation. Who am I? Why am I here? My work on this planet is to learn to react with total LOVE with each opportunity given to me.

Summary: **AGNIHOTRA** for Quantum Healing of Earth and Humans

Agnihotra embodies the power of the small, much like the atom bomb. But Agnihotra is a counter-force, a positive one, that is life sustaining rather than destroying. It can help the earth and at the same time the biological organisms that live in the planet. Indeed a “quantum” effect: small and simple, but so powerful, effective, wide-scale and multidimensional.

Agni means fire, hotra means healing. It is a 2-10 min practice that is timed at exact sunrise and sunset of an area, the times which are powerful transition moments where the sun sends out healing energies to the earth, given a 30 second duration. Agnihotra captures and spreads such energies. It is a science of resonance and bio-energy.

Needed for Agnihotra are a small copper pyramid (of the precise dimension), and healing substances- organic dried cow dung patties, ghee from cow's milk, and unbroken unpolished organic rice. The set-up is lighted and should be aflame when the exact moment comes. Rice with ghee is dropped into the fire while a set of words with specific tune (short mantra) is being uttered. Vortex formation of energy results and this collects special subtle forces that are in the atmosphere at that time. The area around the pyramid is then imbued with that energy which also is spread to the area (reported to reach at least a km radius).

Truly amazing health benefits from the practice and the ash are experienced. Some “hard-to-solve” or declared “hopeless” challenges have also been addressed by Agnihotra (consider radioactivity, atmospheric ozone hole, tungro virus in rice, sigatoka in banana, epilepsy, cancer, paralysis, etc).

For more information and for the kit, contact: Pam Fernandez (Professor, UP Los Banos) 09193744287; pamela_g_fernandez@yahoo.com.uplb. One may also wish to visit various internet sites for more information.



**We need Look at ourselves
and the world with NEW
EYES...**

See the world
differently...

Human eyes taking a peek at
the world of nature... by Gayle



Weeds are quantum plants... they are strongly related to the cosmos... and are food, medicine, earth protector, etc.

Weeds are soil's band-aid; they crop's companion plant



Pests have quantum properties...

Cockroach for medicine?

In anthroposophic/
homeopathic medicine...

Remedy for **bronchial**
asthma, cough with
difficulty in breathing,
bronchitis, and
tuberculosis...

Also good for **diphtheria**,
etc...



Blatta orientalis

Organic-Quantum Seed...



Seeds:

*medicinal, mystical and
sacred*



2-eyed coconut



Double coconut

Tambalagisa



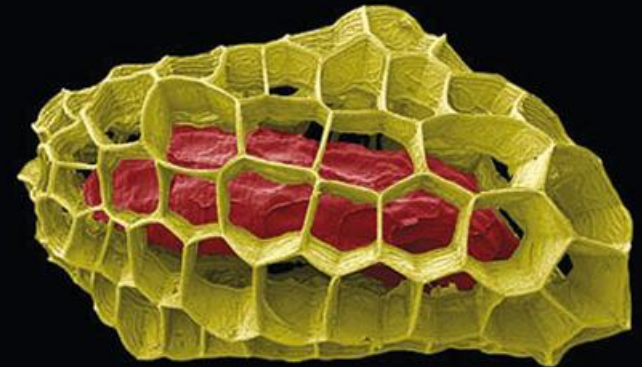
Betel nut



Seeds : ***mysterious & and*** ***beautiful***



<http://pinterest.com/iolanthe/sensational-seeds/>



Seeds... can have greater use

Revalue and redefine use

Malunggay seed oil



Job's tears or
tigbi/panyas like corn;
medicinal



Pilit nut oil

Kamansi seeds taste like chestnuts



Durian seed chips



Millet- more drought resistant and
nutritious than rice





Seed Sprouts...

add great value to the
seed, and to our health!

Radish sprouts:

Vitamin Mineral Factory



Radish sprouts have **25x more Vit C than milk** (29 vs 1 mg) and **4x the vit A** (391 vs 126 IU). These spicy sprouts have **10x more calcium than a potato** (51 vs 5 mg) and contain **more vit C than pineapple...** If you examine what is happening during germination it looks like a Vit factory. While mature radishes contain 10 IU/100 g of provitamin, the radish sprouts contain 391 IU, 39 times more!

<http://natureswonderland.com.au/Biodynamic/Radish400g.htm>

Popularly sprouted...

<http://www.living-foods.com/articles/sprouting.html>

Grains

- Amaranth
- Barley
- Buckwheat
- Corn
- Millet
- Oat
- Quinoa
- Rice
- Wheat
- Rye

Other seeds

- Almond
- Fenugreek
- Cabbage
- Kale
- Flax

- Psyllium
- Chia
- Mustard
- Pumpkin/squash/cucurbits
- Radish
- Sesame
- Sunflower

Legumes

- Alfalfa, Clover
 - Garbanzo
 - Peanuts, peas, blackeye
 - Mungbean, adzuki and other beans
- ## Large beans
- Soya, kidney and other beans (best cooked after)

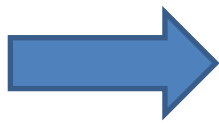
Best soaked but not sprouted

- Fennel, Celery, Caraway, Cardamom, Poppy
- Pecan, Walnut
- Macadamia
- Pili
- Other nuts

Need explore local seeds

<http://turmeric-saffron.blogspot.com/2010/03/samanoo.html>





We eat with our eyes... literally...

according Rudolf Steiner

- The **brain (head) is the only part of our body built up by this source of nutrition** (through the mouth and digestive tract)... The rest of our body- muscles, bones, etc., are derived from another source of nutrition (did not come via the mouth). **Nutrition enters the body also through the sense organs** (eyes, ears, skin, etc)!!
- When asked why it is that **people know all the right things to do but generally do not seem to be able to do them**... Steiner said it was **a problem of nutrition...**

... there is not the energy in the food to support the will, to give it the strength when that extra effort is needed to carry out an action that does not gratify sensual needs.

Breatharians, Light people give up food and water completely!



"There is a muscular energy in sunlight corresponding to the spiritual energy of wind."

--- *Annie Dillard (Pulitzer Prize writer of theology and mysticism of the natural world).*

A man with short dark hair, wearing a grey t-shirt, is leaning over a white plate on a light blue tablecloth. He is using a knife and a fork to cut a small, round piece of food. The background is a plain grey wall.

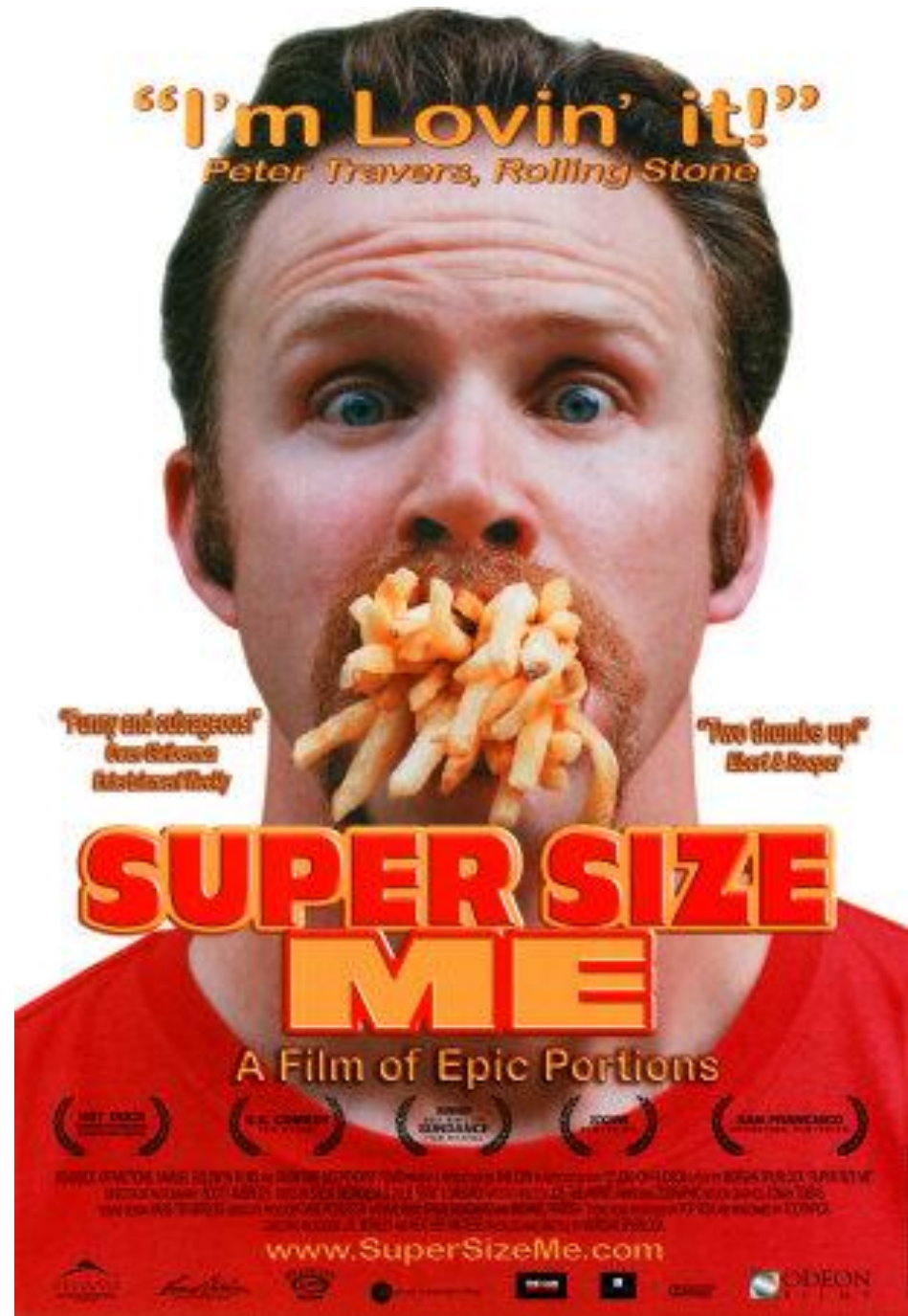
No food?

Breatharianism

Living On Light

HUMAN

The word diet
comes from
the latin word
diaeta
which means,
'way of life.



The Hunza diet

All children in Hunza are breast fed. A boy child is breast fed for three years and girl child for two years. There is no specific prenatal care, and the good health of the mother is passed on to the infant...and the breast feeding gets the child off to an extremely good start. It is interesting to note that in Hunza no one eats before going to bed at night. None of the people, including children, eat between meals. There are practically no cases of overweight among the people of Hunza. Hunzans are light eaters. Their diet is comparatively meagre. They use less fat of any kind than most people found throughout the world. They have very little animal fat and no fish. And yet there are no more energetic people found in the world and they are continually active.



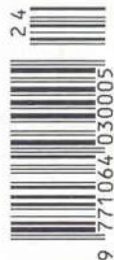


The scriptures say
"Disease never
comes without a
cause. The way is
prepared, and
disease invited, by
disregard of the
laws of health and
of nature.

"A large part of our nutritional problems grow out of our refusal to eat natural foods. Our preference for the manufactured articles-those that have been demineralised, devitaminised, denatured, standardised, pasteurised, homogenised, cooked, canned, frozen, and in other ways rendered less valuable as foods-creates dietary problems that are not adequately solved by the present reliance upon supplements and substitutes. We go to great lengths to spoil our foods and then complain about the climate. We live on a diet of white flour products, degerminated and demineralised corn meal, denatured cereal, white sugar, pasteurised milk, embalmed flesh foods, canned fruits and vegetables, candies, cakes, pies etc., and expect to render such diets adequate by "supplementing" them with fish oils, brewer's yeast, wheat germ, black strap molasses, honey, yoghurt, powdered skimmed milk, cider vinegar, etc."-
Dr.Herbert M.Shelton.

We Are What We Eat

From seaweed to chicken and chili, our food—how we find it, cook it and eat it—tells the story of the modern world



pH4

pH7

pH10

Strong Acids

Mild Acids

Mild Alkaline

Strong Alkaline



White Bread



Meat/Fish



Fruits



Asparagus



Alcohol



Legumes



Vegetables



Cayenne Pepper



Colas/Sodas



Nuts



Avocados



Melons



Food quotes

Food taste is not according to your taste buds but what your head says (Jack Kloppenburg)

The reason people do not put into practice the spiritual principles they hold as ideals is a problem of nutrition (Rudolph Steiner)

Remember that all cells of our body are replaced every 7 years. New cells that are being made are made out of the elements and forces which we bring in as our food and through our breathing.

Virtually no one in the field of health and nutrition speaks about the concept of food having energy, but if you stop and think about it, it intuitively makes sense. Vegetables have a lighter energy than proteins. Animal meat from tortured animals has a different energy than meat from animals that lived a peaceful existence.” – Joshua Rosenthal, founder/director of the Institute for Integrative Nutrition

... The quality and life forces of the plant we eat highly influences the quality of our thinking, feeling and interaction with people and nature. Our thinking, feeling and way of interacting create the future condition of our society and the world.

... A renewal of agriculture is today necessary in order to reestablish the relationship between the cosmos and humanity

- ◎ *“Today, more than 95% of all chronic disease is caused by food choice, toxic food ingredients, nutritional deficiencies and lack of physical exercise.” – Mike Adams, author, investigative journalist, educator*
- ◎ *...“Those who think they have no time for healthy eating, will sooner or later have to find time for illness.” – Edward Stanley*

What may be considered right or quantum food?

Local food?



Vegetarian food?





Raw food?

Insect food?



Artistic, creative, innovative food?



Food prepared with love and passion,
and prayed over?



Role of the invisibles in agriculture...

Nature spirits and elementals?

"The elementals or nature spirits...use the energy channelled to them by the devas [*angelic beings; the archetypes of species*] to build up an etheric body or etheric counter-part for each plant, according to its archetypal pattern....



Meditative or mystic contacts with nature

40lb cabbages on the worst possible soil defying all traditional logic. These have been produced in Findhorn Garden in Scotland using

Intuitive Farming

- Findhorn UK
- Perelandra USA
- Other places



Vs

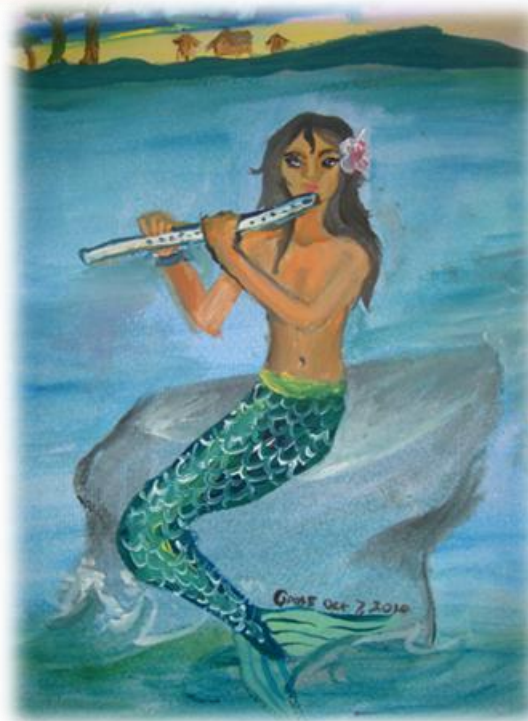




Invisible life forces...

nature's workers

Fire – Air – Water - Earth



Words, thought, music, written notes, images- they affect water crystal formation



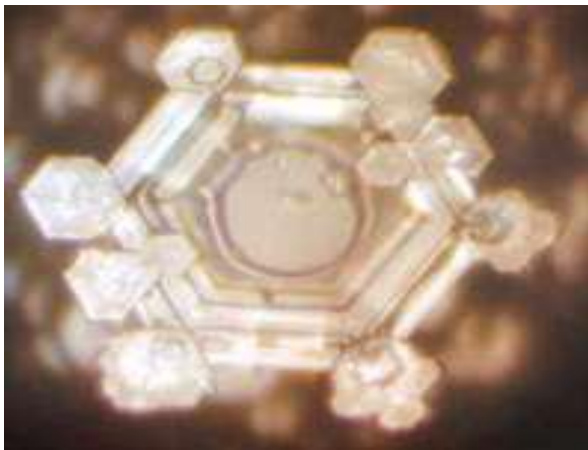
Love



Thanks



Amour



Bach



Lourdes

Compare



Heavy Metal Music



You Make Me Sick, I Will Kill You



Adolph Hitler



Thank You

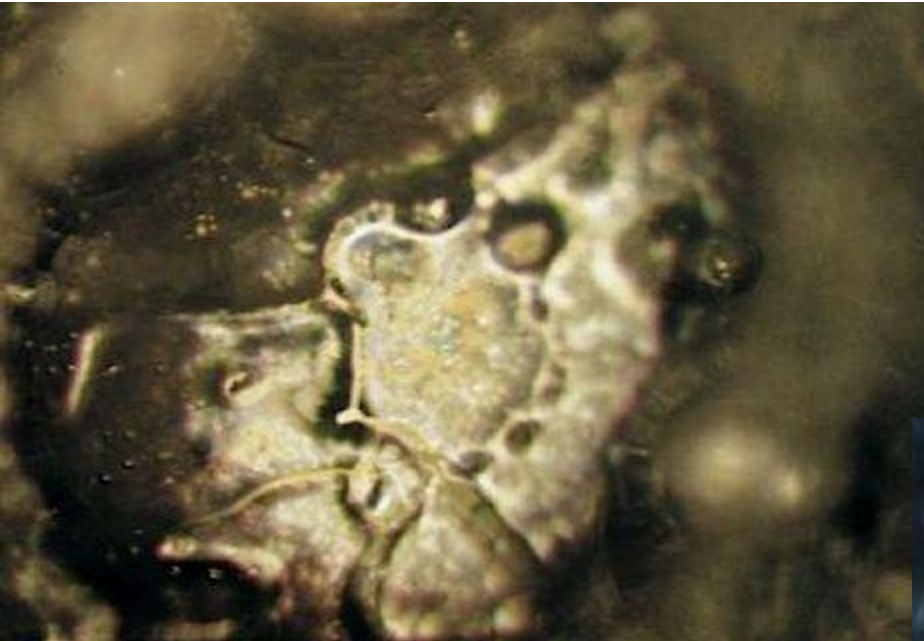


Love and Appreciation



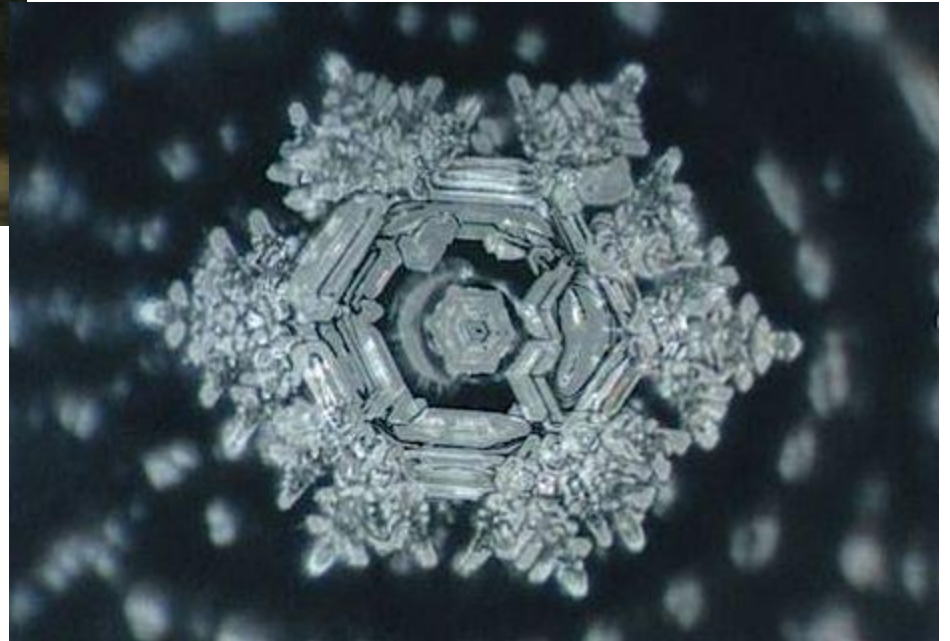
Mother Teresa

Prayer effect on water



Fujiwara Dam Before Prayer

Fujiwara Dam After Prayer



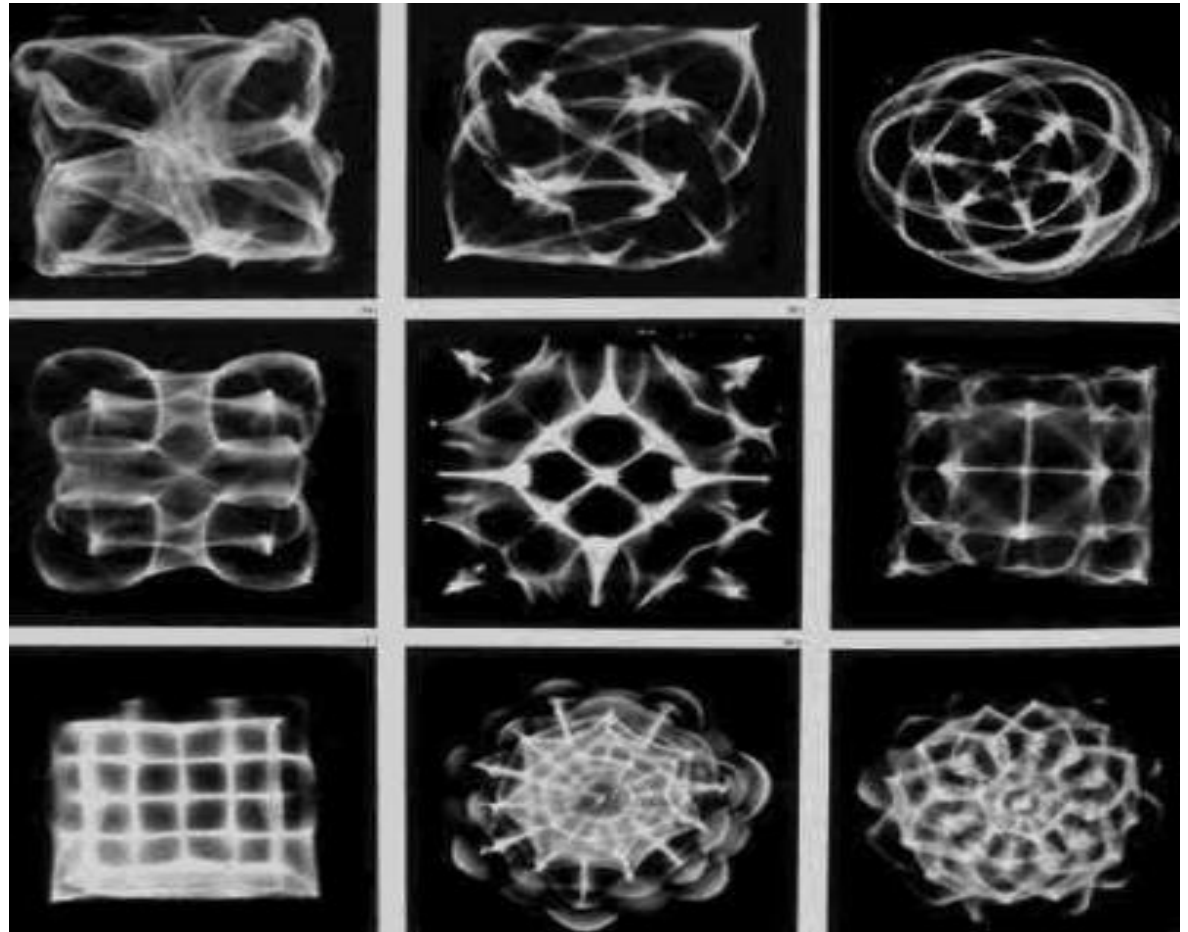
Cymatics ... shows the sacred geometry of sound



Sri yantra figure from OM or AUM

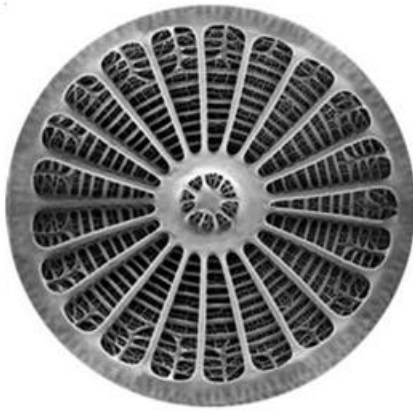
Sound manifested in Cymatics

the creative force that was the most obvious and potent of all: sound. When sound interacts with matter cymatic forces organise the matter into microscopic and macroscopic structures.



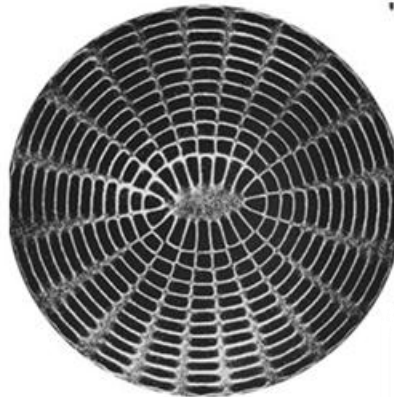
http://www.google.com.ph/imgres?imgurl=http://www.feandft.com/Cymatics_2.jpg&imgrefurl=http://www.feandft.com/25%2520Sound%2520Waves%2520vs.%2520Light%2520Waves.htm&usg=__uA4f_Fav2B0fdAZVAB8w_VwFCYI=&h=409&w=400&sz=93&hl=en&start=0&zoom=1&tbnid=aocOgpxklUHYIM:&tbnh=140&tbnw=136&ei=sJT-Tf_AB4r4vwP555X2Ag&prev=/search%3Fq%3Dcymatic%26hl%3Den%26sa%3DX%26rlz%3D1T4SKPB_enPH377PH379%26biw%3D1680%26bih%3D833%26tbnm%3Disch%26pmd%3Divns&itbs=1&iact=rc&page=1&ndsp=46&ved=1t:429,r:3,s:0&tx=60&ty=90&biw=1680&bih=833

Sound creates forms... CYMATICS



Diatom Arachnoidiscus

Image Credit: Science Photo Library
Jurassic Period, 200 million years ago



Cymatic Diatom

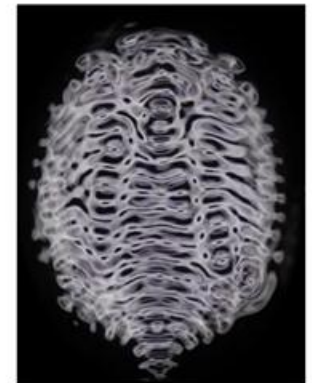
Image Credit: John Stuart Reid



Trilobite

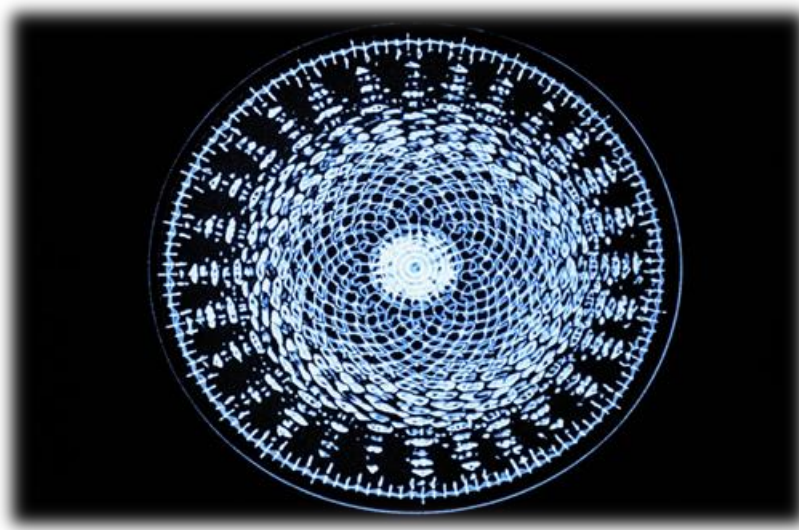
Image Credit: Science Photo Library
Early Cambrian Period, 526 million years ago

Trilobites, Radiolaria and Diatoms are marine creatures that emerged much later, in the Early Cambrian, Cambrian and Jurassic periods respectively. Here are three examples that demonstrate the clear similarity between these early creatures and cymatic images created in our laboratory by pure sounds on the CymaScope instrument.



Cymatic Trilobite

Image Credit: John Stuart Reid



A record of the Tibetan monks chanting the OM, when played through a resonant plate with crystals on top...within seconds, **the sand began to vibrate, and formed a pattern called the Sri Yantra**, which is considered in Hindu belief, as the pattern of creation of the universe.

<http://monitoradomusic.com.br/cimatica-o-som-afeta-a-materia/?lang=en>

Biological organization or Complexity... *differences in formative forces*



Conventional



Biodynamic



Homa

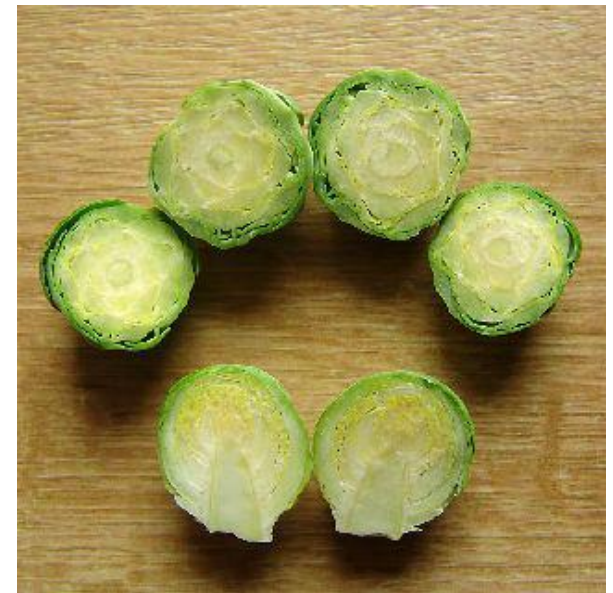
Biological Organization *differences*



Conventional



Biodynamic



Homa

Brussel sprouts

High and low Life Force...

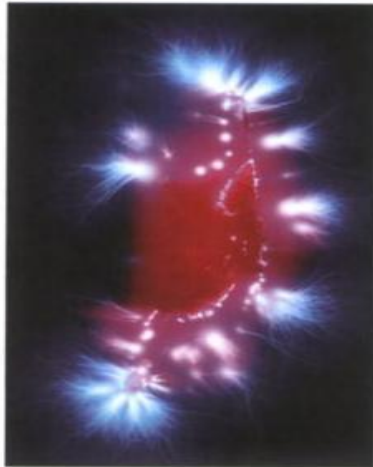
seen through Kirlian camera, seed sprouts



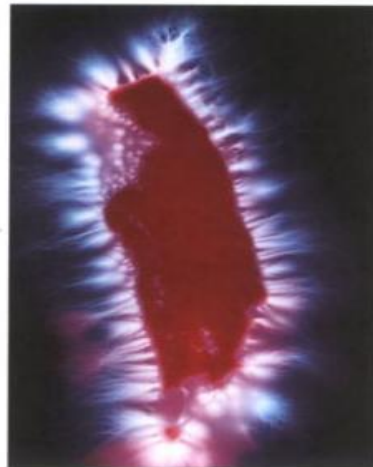
Slightly Cooked Organic Tomato (Kirlian Image)



Raw Organic Tomato (Kirlian Image)



Medium-Rare Cooked Meat (Kirlian Image)



Raw Meat (Kirlian Image)



Chromatograms showing differences in life force

Low

High



Chemically treated soil.

vs.



A typical good organically treated soil



Oats-young green leaves grown on chemically treated soils.

vs.



Oats-young green leaves used in GreenLife and Springgreen, grown on organically treated soil.



Synthetic sugar-glucose (dextrose) mostly used in presweetened foods.

vs.



Molasses-old fashioned.



Pasteurized milk.

vs.



Raw milk-whole.



Margarine.

vs.



Butter — fresh home-made from unpasteurized milk.



Alpha — tocopherol commercial in Vitamin E only a part of complete E complex

vs.



Wheat Germ Oil unheated encapsulated Springgreen #53, Velco #83 and Sonne's #3.



A 'so-called' Natural Supplement with potencies supplied by synthetic vitamins and inorganic minerals.

vs.



GreenLife #21, Springgreen #33 and Sonne's #12 GreenLife 60%, bone meal, yeast, fish oil 40%.



Corn-young green leaves grown on chemically treated soils.

vs.



Corn-young green leaves used in GreenLife and Springgreen, grown on organically treated soil

Life force of unhealthy vs wholesome products



White refined sugar.

vs.



Raw brown sugar.



White flour - bleached.

vs.



Whole unbleached flour-organically grown.

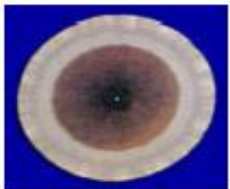


A popular soft drink.

vs.

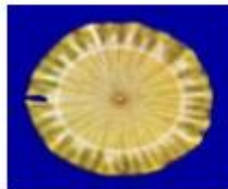


Fresh orange juice organically grown.

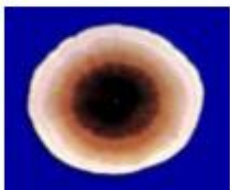


Pure Commercial Vitamin C (ascorbic acid).

vs.



Acerola - a tropical cherry - Natural C - used in Springgreen #57, Springgreen #87 & Sonne's #17.



Synthetic Vitamin A made from refined and chemically altered lemon grass root.

vs.



Cod Liver Oil - unrefined specially made for V. E. Irons, Inc. - excellent source of Vit. A & D.

Low



(14a) Mixture of synthetic and vitamins and inorganic minerals to duplicate analysis of items in 14b.

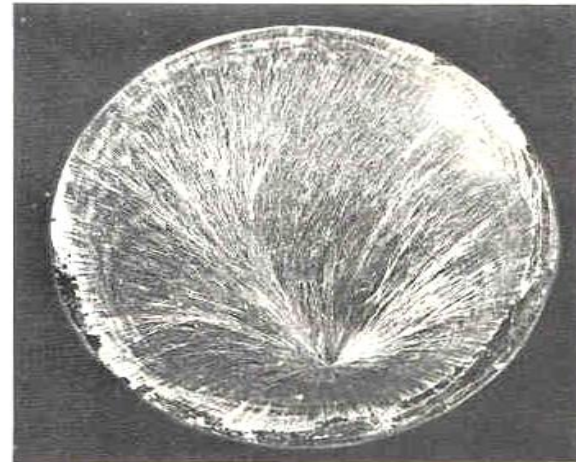
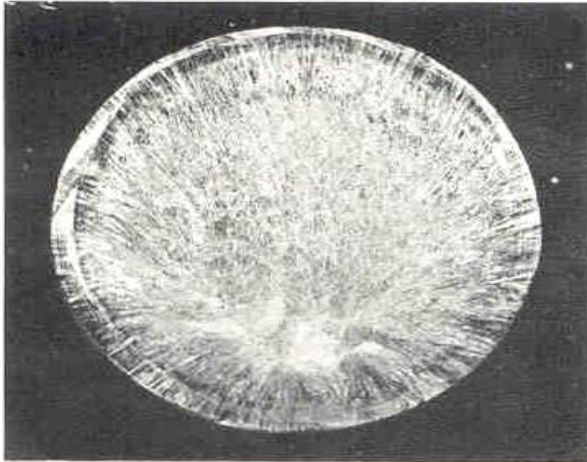
High



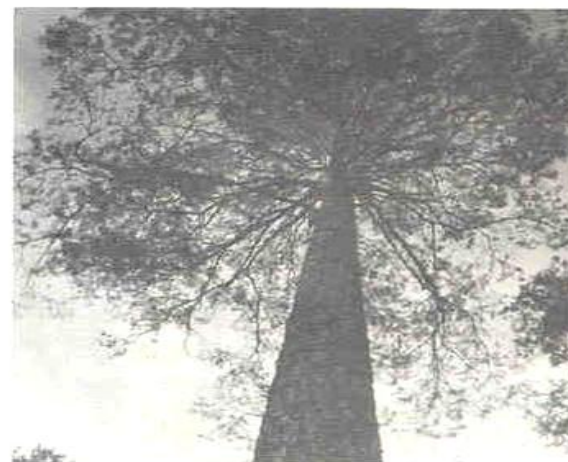
vs.

(14b) Greenlife #22, Springgreen #30 Sonne's #10 analysis of which was chemically reproduced in 14a

Crystallogram of pine seed from healthy & unhealthy tree



Unhealthy tree



Healthy tree

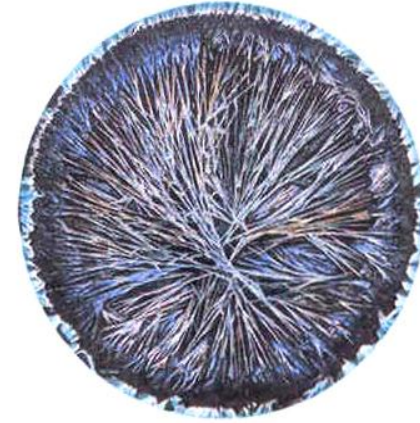
Crystallograms also reflect
biological organizing
(formative) force



2 varieties of wheat



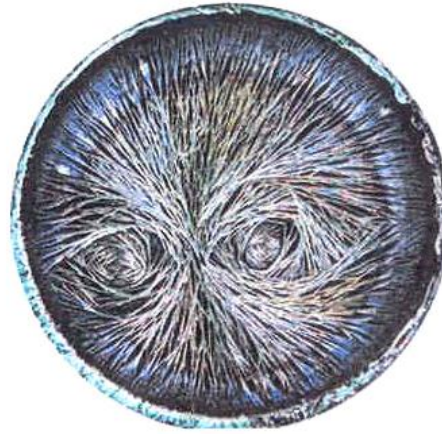
W/o sulfur
treatment



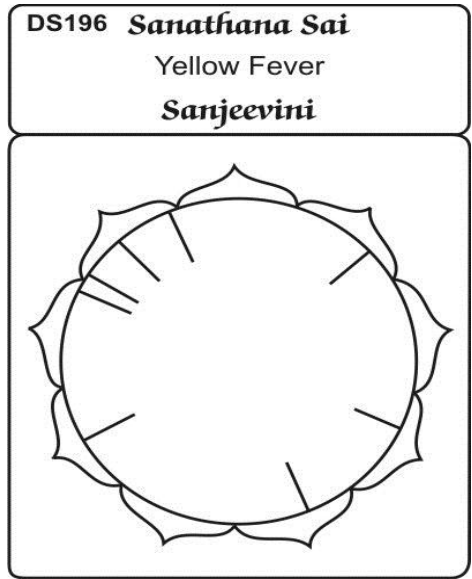
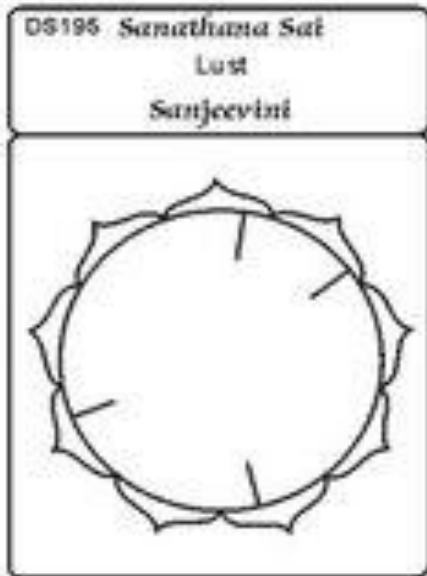
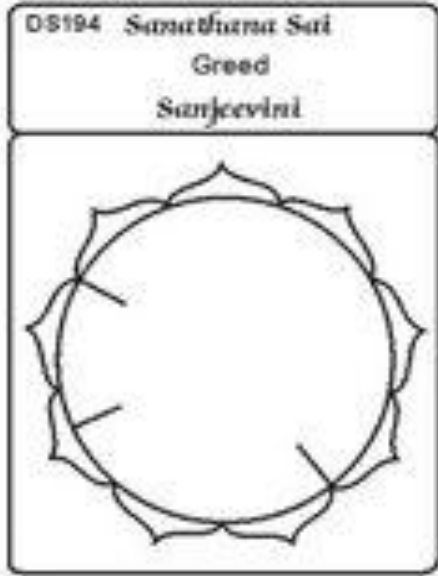
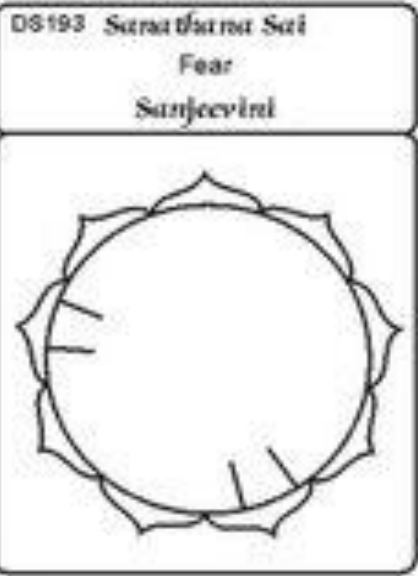
Sulfur treated
organic wheat crop



Conventional/chemically
grown wheat



Organic wheat



Sanjeevini: *Tapal system... Information healing*



Old or Traditional ways ... don't just dismiss them ... the new science can explain them... need to go beyond materialistic science

- Amen/mano (hand on forehead bless)
- Tabi-tabi po (excuse me pls- done in an area believed to have spirits residing)
- Pananghid/pagpaalam (ask permission)
- Pwera balis, Pwera mangyari (God forbid; let it not happen-expression)
- Kalusan ang tyan para kahilisan (hand scooping movement on someone having indigestion)
- Pangontra, sumpa (amulet; shield)
- Patawas, luop, pausok (using alum, sulfur or plain smoke to remove negative energies)
- Alay, halad (offering)
- Palihi (to do some related phenomenon so future events will follow)
- *What else?*

Old beliefs... like cures like principle... *harness the polarity embedded in everything on earth.*

- Antidote or Kontra pasma (sensitive nerves)
- Kontra balisawsaw (difficulty in urinating due to heat exposure)
- Cooking meat with match stick or posporo or tinidor/metal
- Antidote to venomous bite
- Durian smell removal
- Pepper hotness removal
- “Peppering” or ashing
- Cockroach for healing/medicine
- Breached babies as healers; can remove bone stuck in throat (like that of cat’s paw)
- *What else?*

Old beliefs...

Weather/calamity control

- Offering
- Prayer
- Stopping a tornado/storm with cutters, scissors, hand gestures, etc.
- Ritual for rain or no rain
- Inviting wind or breeze by whistling
- Laying of hand
- *What else?*

Animal and Plant power...

highly connected to nature's intelligence...

- Animals can detect an upcoming **bad weather**, calamities
- Animals could tell us to **when to plant**
- Cat's eyes can tell us if it is **low tide or high tide**
- Birds song and frogs croaking can **enhance photosynthesis, air cleansing**, etc
- **Animals can give us ideas for wonderful solutions**

Biomimicry at work

Nature Mentors

Biomimicry is the art, skill, intuition and science of turning towards nature as inspiration for solving our dilemmas. Nature has millions of years on us in perfecting forms and systems, and it's about time we humans turn outward when we need answers. The field of biomimicry has already yielded hundreds of solutions.

New technologies... nature had it first

Biomimicry - The practice of developing sustainable human technologies inspired by nature. Sometimes called Biomimetics or Bionics, it's basically biologically inspired engineering.

You can find biomimicry in a number of different fields. Whatever the design challenge, there's a good chance a species on [Earth](#) has tackled a similar problem already. Consider these examples in plants:

Two pieces of white chalk are shown against a blue background. One piece is broken into two segments, with a pile of white powder at the base of the break. The other piece is a single, slightly shorter segment. The lighting creates soft shadows and highlights the texture of the chalk.

Chalk

A close-up photograph of an abalone shell. The interior of the shell is visible, showing a complex pattern of iridescent colors including shades of blue, green, and purple. The shell's edge is dark and slightly irregular.

Abalone Shell

Both are made of calcium carbonate, but Abalone is...

- Twice as hard as high-tech ceramics.
- Behaves like metal under stress.



Contact Lenses of the Future Inspired by Gecko Eyes



Feet aren't the only part of gecko anatomy that's got engineers excited. Scientists have discovered that geckos have a series of distinct concentric zones in their eyes that make it possible for them to see colors at night, an ability few other creatures have. These zones have different refractive powers, giving geckos [a multifocal optical system](#) that allows light of different wavelengths to focus on the retina at the same time. This makes their eyes 350 times more sensitive than humans, and lets them focus on objects at different distances. The discovery may allow engineers to develop more effective cameras and possibly even multi-focal contact lenses.

Gecko Tape



The tape is covered with nanoscopic hairs that mimic those found on the feet of gecko lizards. These millions of tiny, flexible hairs exert van der Waals forces that provide a powerful adhesive effect.

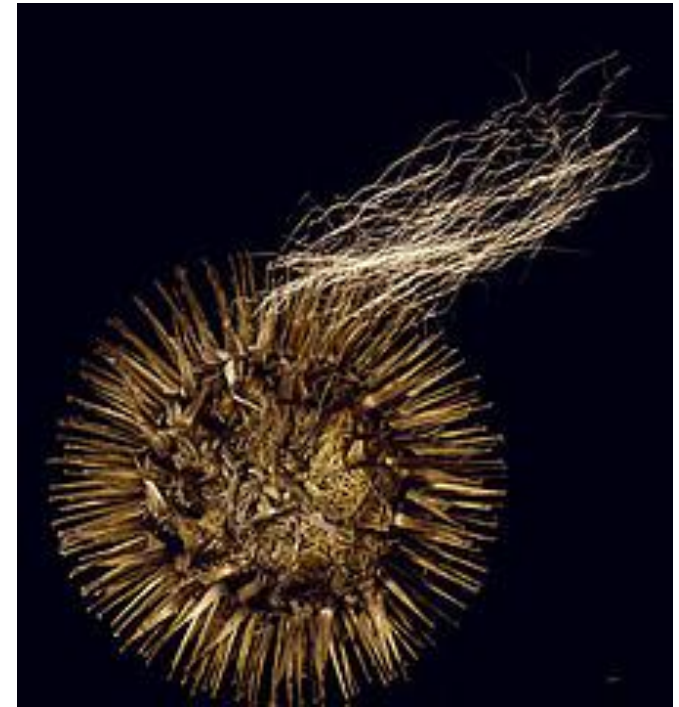
A scanning electron micrograph (SEM) showing the surface of a synthetic gecko tape. The surface is covered with a dense array of vertical, cylindrical nanofibers. Each nanofiber has a rounded, bulbous tip and a slightly wider base, giving the surface a textured, forest-like appearance. The background between the nanofibers is a fine, woven mesh.

Synthetic Gecko tape:

Polyimide nanofibers

Velcro

The most famous example of biomimicry was the invention of **Velcro brand fasteners**. Invented in 1941 by Swiss engineer George de Mestral, who took the idea from the burrs that stuck tenaciously to his dog's hair...



Bird Feather Colors (*Beer-Foam-Like*) Influence Optical Materials



The brilliantly colored feathers of the male Eastern bluebird aren't created by pigments, like most other colors found in nature – **that shade of blue is actually produced by nanostructures that self-assemble in much the same way as beer foam. ...** Color-producing structures in feathers start out as bubbles of water inside living cells, and are replaced with air as the feather grows.

Termites for cooling large buildings.

Nature's example: Certain African termite mounds must maintain a constant temperature of 87 degrees Celsius (189 degrees Fahrenheit) in order for the fungus crop to survive. To achieve this, they construct air vents that constantly move air throughout the mound, cooling or heating it to the same temperature as the mound itself.

Biomimetic solution: Architects and engineers are building several large office complexes that mimic the termite approach to temperature control.

Passive Cooling



The high-rise [Eastgate Centre building in Harare](#), Zimbabwe was designed to mimic the way that those tower-building termites in Africa construct their mounds to maintain a constant temperature. The insects do this by constantly opening and closing vents throughout the mound to manage convection currents of air - cooler air is drawn in from open lower sections while hot air escapes through chimneys. The innovative building uses similar design and air circulation planning while consuming less than 10% of the energy used in similar sized conventional buildings!

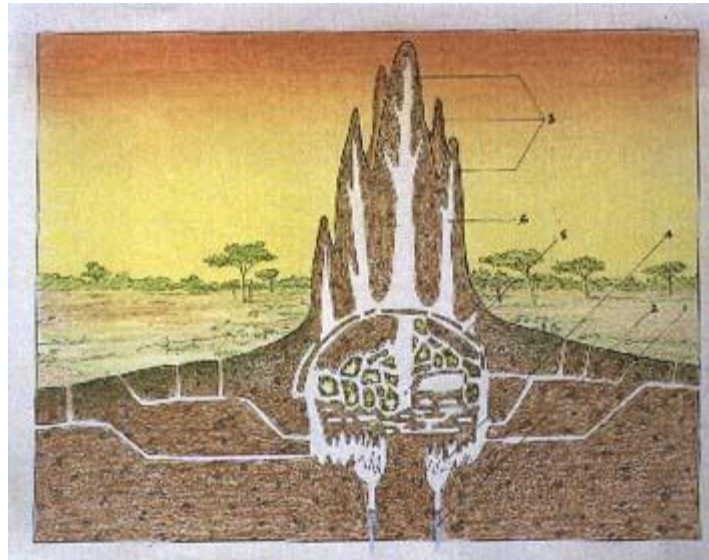
Sustainable Building in Zimbabwe Modeled After Termite Mounds



<http://blog.miragestudio7.com/sustainable-building-in-zimbabwe-modeled-after-termite-mounds/1556/>

Termite mounds are medicinal...

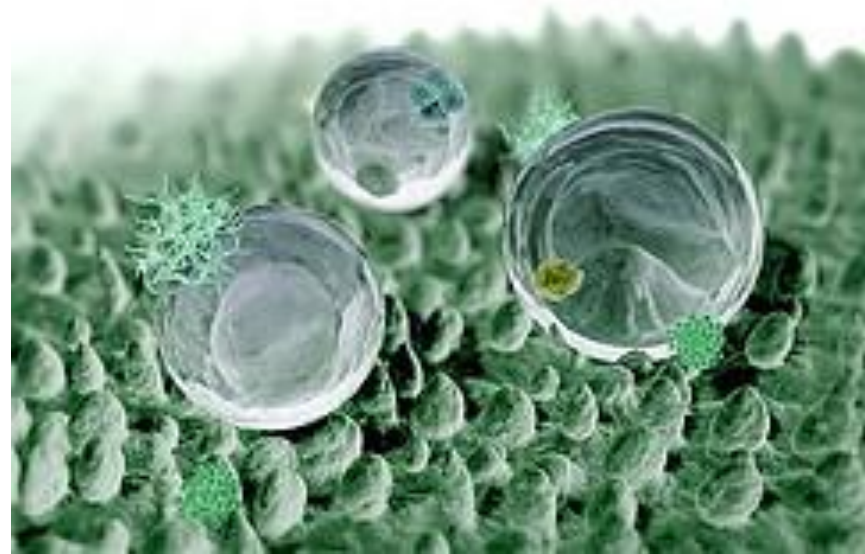
*Grated coconut mixed with
pounded termite soil, then
pressed... VCO express and highly
medicinal!*



They call it "superhydrophobicity," but it's really a biomimetic application of what is known as [the Lotus Effect](#). The surface of lotus leaves are bumpy, and this causes water to bead as well as to pick up surface contaminants in the process. The water rolls off, taking the contaminants with it. Researchers have developed ways to chemically treat the surface of plastics and metal to evoke the same effect. Applications are nearly endless, and not just making windshield wipers and car wax jobs obsolete. Lots of researchers are working on it, and General Electric's Global Research Center is busy developing coatings for commercial application right now.

Lotus Effect

Hydrophobia



Anti-collision system for Auto designers



Locusts avoid running into each other in swarms by using highly evolved eyes that allow these insects to see in several directions simultaneously.

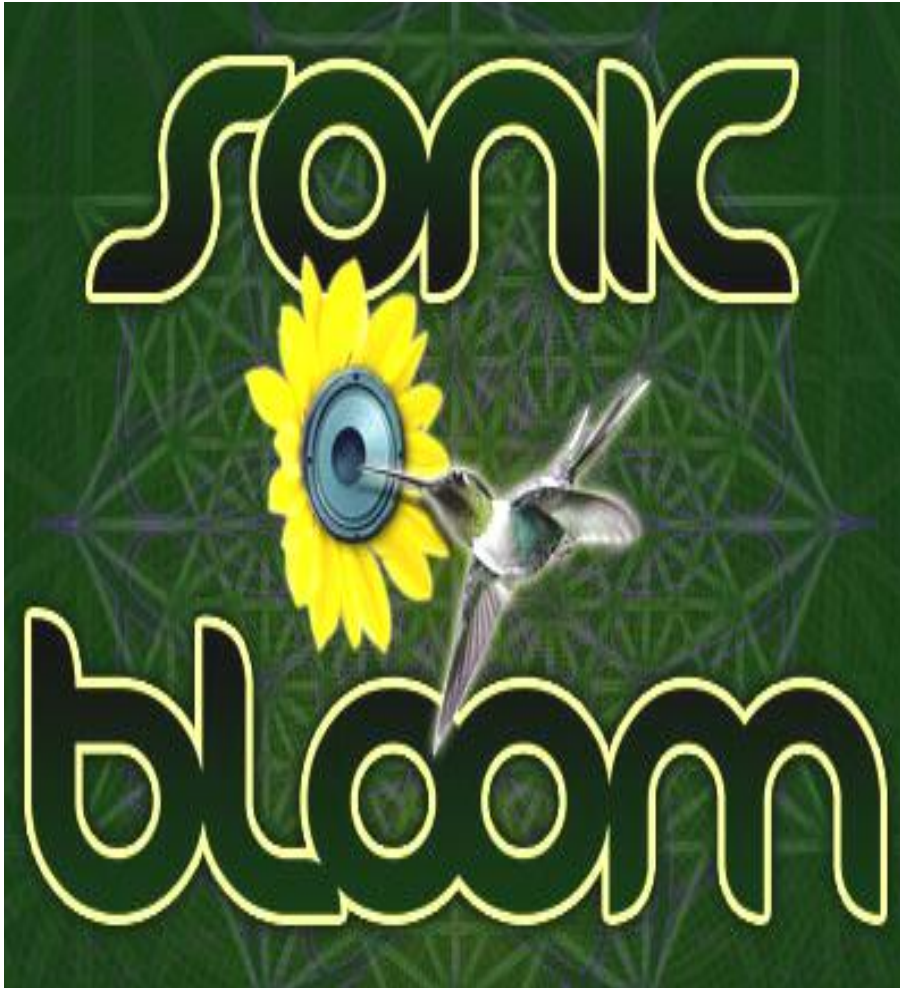
Auto industry is developing **sensors** that detect movement directly surrounding a **car** and warn drivers of impending crashes.

Chemical companies want a self-cleaning coat of paint

Lotus plants must keep the surfaces of their leaves clean, despite living in muddy ponds and swamps. The leaves' tiny ridges and bumps keep water droplets from spreading across the surface. As a result, the water beads and slides away, carrying particles of dirt with it.

Developers have applied this lotus effect to **paint**. When the paint dries, tiny bumps remain on the surface that help water droplets remove dirt.

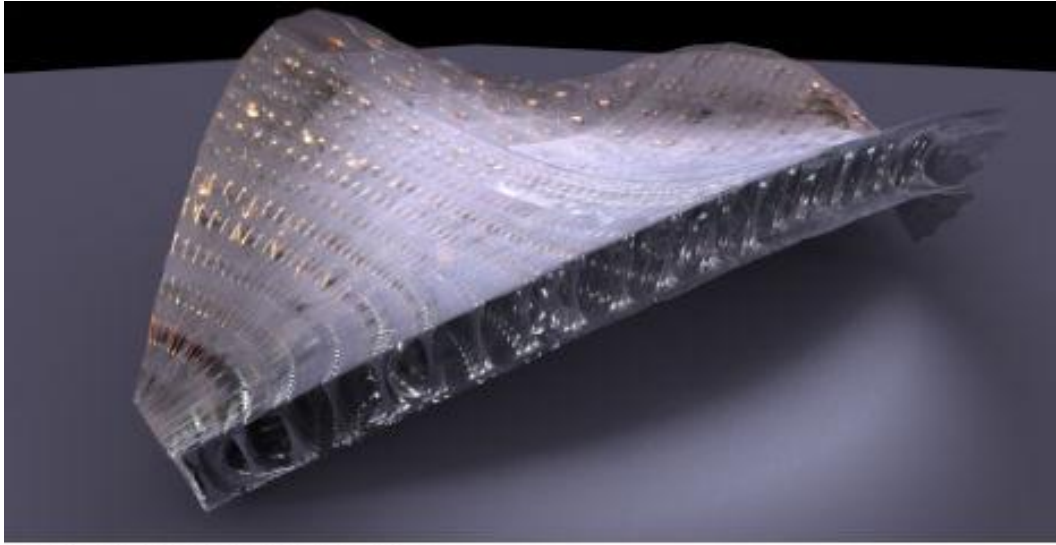
Birds' Songs for Photosynthesis, Blooming



Sonic Bloom: Foliar fertilization with sound

...The method combines a sound broadcaster (4000 to 6000 Hz) with a nutrient-spray.

- The sound, emitted (15 minutes before fertilizing) will open the stomata, enabling the plant to absorb more water, nutrients, oxygen, carbon dioxide and other gases. (Oliver P. 2002)



1st approach: opaque double-layered shell



2nd approach: translucent differentiated shell



**Bird Skulls
Inspire Lighter,
Stronger
Building
Materials**

Deer Antlers Inspire Basis of Super-Tough Materials



Bullet Train Has a Nose Like a Kingfisher Beak



The new, kingfisher-inspired train nose eliminates the noise and friction or drag problem, making the trains up to 20 percent more fuel efficient.

Solar-Powered Bat-Inspired Spy Plane



**A Robotic Arm Like an
Elephant Trunk**



Humans have in themselves the solution to their own problem

Human Teeth Structure and Aerospace Technology



Our teeth are only about as strong as glass – so how can they withstand nearly a lifetime of chomping on all kinds of hard foods? Researchers at Tel Aviv University [examined thousands of extracted human teeth](#) and found that under stress, the highly sophisticated structure that makes up the exterior of our teeth forms a network of micro-cracks instead of large ones. These tiny cracks are then able to heal over time. If engineers can find a way to replicate this ‘wavy’, multi-layered structure in a synthetic material, they could develop lighter and more crash-resistant aircraft, though the self-healing properties are probably a long way from realization.

Human Eye Inspires Cameras with Wider Field of View

The curved surface of the human eye facilitates a wider field of view than has ever been possible using a camera. The challenge for engineers was to transfer microelectronic components onto a curved surface without breaking them. Yonggang Huang of Northwestern University and John Rogers of the University of Illinois [built a digital camera](#) of the same size, shape and layout of the human eye, and developed a mesh-like material that hold electronic components onto the curved surface. This technology would enable photographs that are entirely clear and focused, unlike today's cameras which can focus only on certain areas. It may even enable the development of an artificial retina or bionic eye.




Sound-based farming

modern and traditional

Mantra's Sri Lanka

Sonic Bloom

 This image cannot currently be displayed.



Sound pattern of Water vs Pollution

Recent technologies such as the [Harmonizer](#) tool resonate only the sound patterns of the water molecule through a field of the universal archetypal geometries of life and are able to reverse water and atmospheric pollution for pennies on the dollar over conventional methods, and without adverse effects to the environment.



Stimulated magnetic energy technology

**Against Johne's disease
in dairy cattle**

**2 farms tested over 10 years:
infection rate dropped from**

20 > 3 %

**while the average in
Netherlands rose from 20 >
30 %**

(Dutch Vet Service test 2007)



Low Frequency Electromagnetic fields



Increase immunity
for animal health

[Cuppen et al 2006]

Balancing energies at distance

Radionics + ECOtherapie etc



Emitting higher frequencies broadcasters

ultrasonic vibrations:

28.000 Hz - cat

50.000 Hz - rat

90.000 Hz- insect

Animal communication



distance healer

OF PEOPLE, PETS AND PLACES



[Healer's Home](#) | [About Healer Susan Grey](#) | [Distant Healing](#) | [Animal Healing](#) | [Space Clearing](#) | [Testimonials](#) | [Healing Services & Fees](#)

Susan Grey's Distance Animal Healing

As an animal healer, I have been doing long distance animal healing with dogs, cats, horses, birds, zoo animals, turtles, ferrets, iguanas, snakes, etc. regularly since 1986. When I



was a social worker, a colleague who knew of my healing work with the people in the office, asked if I could come to her home to do healing with her dog, who was neither eating nor drinking, was just laying there. He had been that way since she had brought him home from where he had been boarded, while she'd been on a vacation. This was my first distant healing work with an animal. I checked in on the dog intuitively, and sent him distant animal healing. When we arrived at the woman's home during our lunch break, her dog ran to greet us both, tail a-wagging. I

suggested we put some Rescue Remedy (a Bach flower essence used to just let him know he can cope) in his water. She said, "but he's not drinking." I put some in. And, just as he had, with the animal healing energies I had sent him, he lapped it up. He was just fine.

"It's official! The cat's a miracle! I just thought I'd let you know the latest on my cat, Willow....We saw the vet that had seen her when she first got sick and he **couldn't believe the change in her.** She is 100% healthy old mog again! The vet said he has only seen a couple of cases where a cat has made a full recovery after being so ill and that initially it looked as though Willow had liver cancer, which would have killed her in 4-6 weeks. In fact Willow has even started to chase our dog Holly! As for Holly, she has really settled down... Take care and a final big thank you!" --Briony Price, UK



No matter what kind of animal companion you have, or animal friend who needs healing, the distant healing I do is often very helpful to them. The healing often addresses the animal's physical ailments as well as the underlying mental, emotional and spiritual issues.

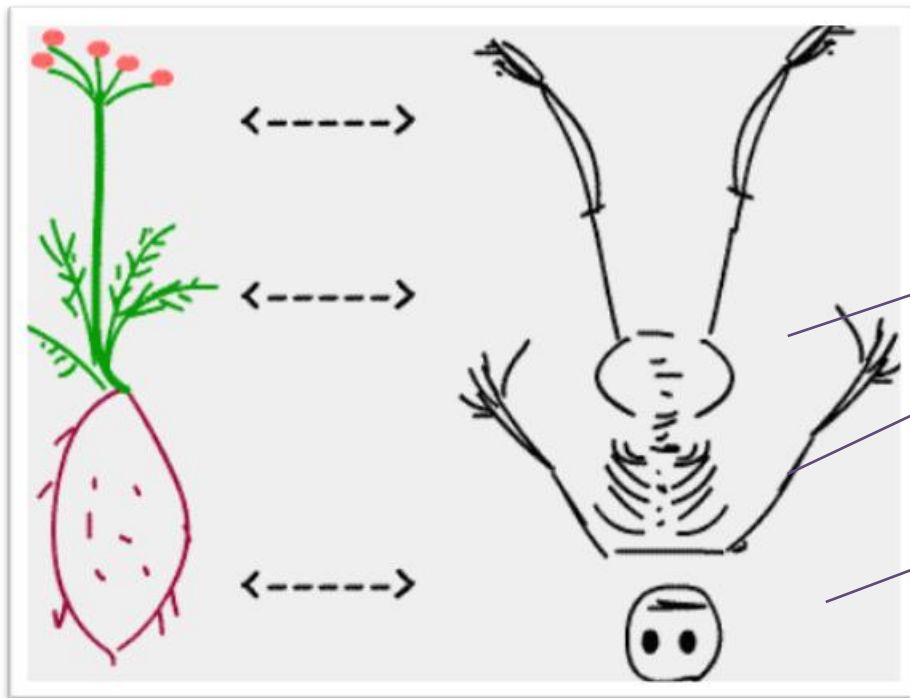
I am not the traditional animal communicator or pet psychic who will tell you exactly what your animal companion is thinking. However, I can intuit what healing would be helpful to them, and provide it. And, I can usually tell you how they are feeling.

>> CLICK HERE FOR DETERMINATION OF HEALING NEEDS

The plant ... *an inverted human!*

Its intelligence is in the roots, earth, or soil.

Eat the right part for the corresponding body part that needs to be well.



Metabolic, digestive= limbs

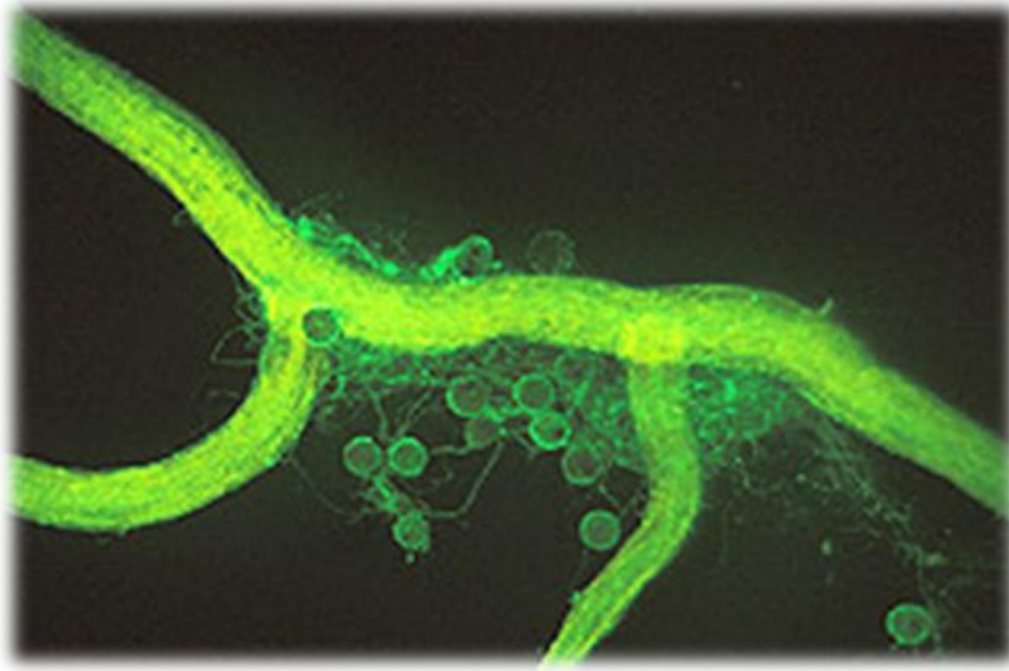
Rhythmic= heart

Thinking= head

Plants eat and not drink their food... Need humus!

Mycorrhiza are helpers in nutrient sourcing and absorption

Mycorrhizal fungus on corn roots



MINERALS disrupt this feeding ... they get dissolved in water and are then **drank** by the bigger roots, instead of being **eaten** by the finer roots.

Result is perennially thirsty but bloated cells...

...And we regard being big as good!?

Did you further know that...

- Soil is alive- breathes, with rhythm, has life force?
Inhales from 3pm to 3 am; Exhales from 3am to 3pm so watering is best at inhale time for deeper root penetration and water efficiency!
- Organic agriculture cannot be without soil?
So no hydroponics, aeroponics... also no to highly mineralized nutrient
- **Plant's intelligence resides in the roots...** Soil and the roots are the crystallizer of cosmic power, so the plant can grow upright and do its destined function... plant's will is in growing upwards?
- **Animals and humans need to touch the soil/land daily for wellness**
What with cemented and confined pens?
- **Microbes are firehouse of the soil**
Thus Nature Farming
- **All minerals in the soil are found in the galaxy as well**
They also vary with cosmic rhythms

We, humans, are co-evolvers of the world and when we understand this, there are no limits to societal transformation except the limits we unconsciously or ignorantly impose on ourselves.

“The only limits that you have are the limits which you have set for yourself in your own mind!”

Walter Russell

(1871-1963)

The Man Who Tapped the Secrets of the Universe

By Glenn Clark
(1946)

This book, of which more than 300,000 copies have been sold, has made Walter Russell and particularly his scientific and philosophical work known worldwide.

Walter Russell, musician, illustrator, portrait painter, architectural designer, sculptor, business practices advisor to employees of International Business Machines, champion figure skater, natural scientist, philosopher and author.

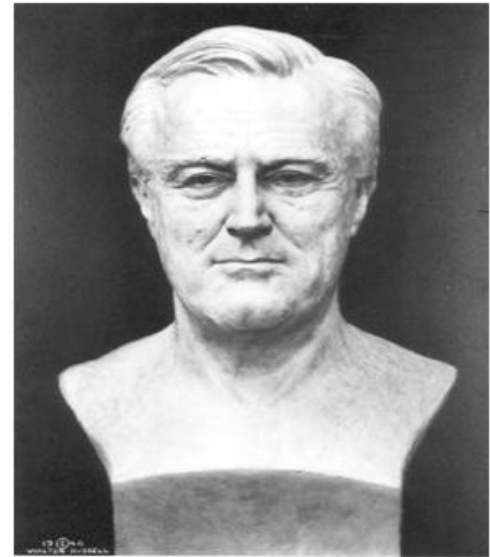
"Can you give me the secret of your life?" asked Glenn Clark. ***"I believe sincerely that every man has consummate genius within him. Some appear to have it more than others only because they are aware of it more than others are, and the awareness or unawareness of it is what makes each one of them into masters or holds them down to mediocrity. I believe that mediocrity is self-inflicted and genius is self-bestowed. Every successful person I ever have known, and I have know a great many, carries within him the key which unlocks that awareness and lets in the universal power that has made him into a master."*** "What is that key?" queried Glenn Clark. ***"That key is desire when it is released into the great eternal Energy of the Universe."***

Quit school at 9...but later did amazing things

Sculptor... *his sculptures' eyes are famous*



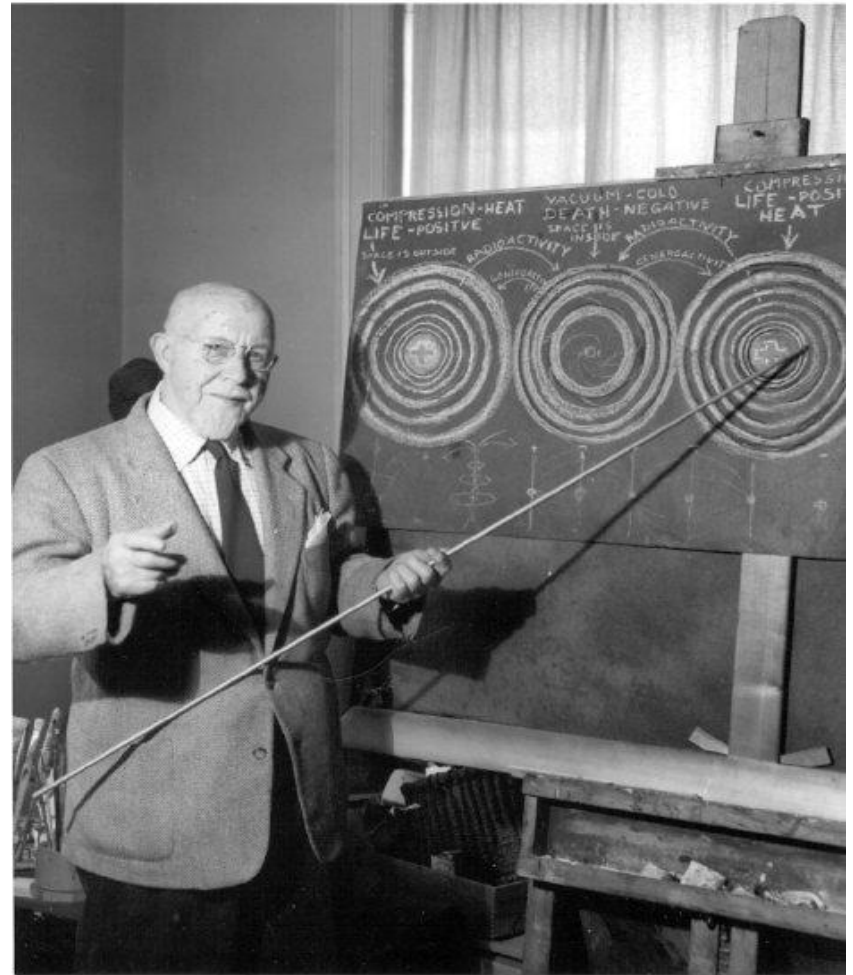
Mark Twain



Franklin Roosevelt



He was known in his own time as the modern Leonardo da Vinci



Walter Russell (80) as a lecturer

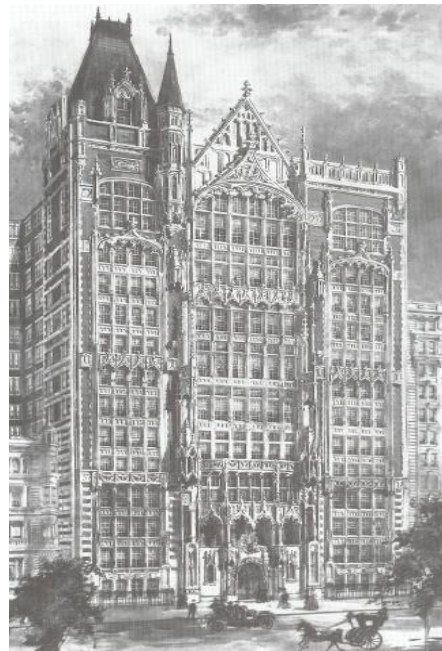
<http://www.walter-russell.de/en/WalterRussell.php>



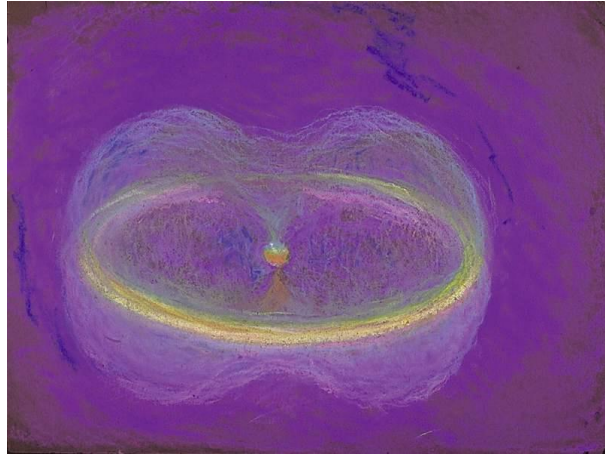
Painter, architect, dancer



Revolutionized figure skating

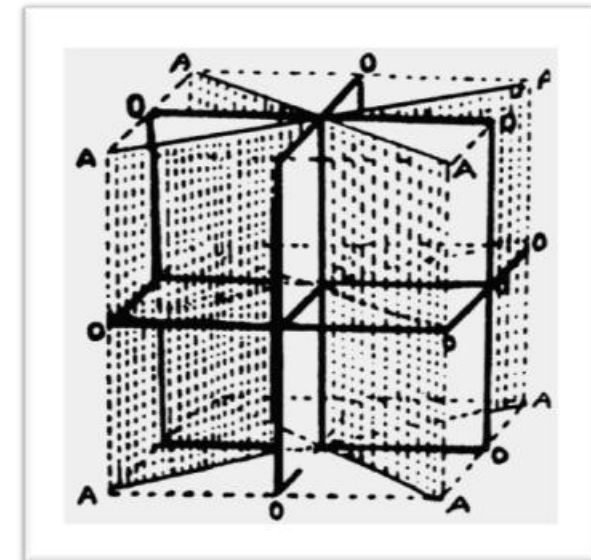
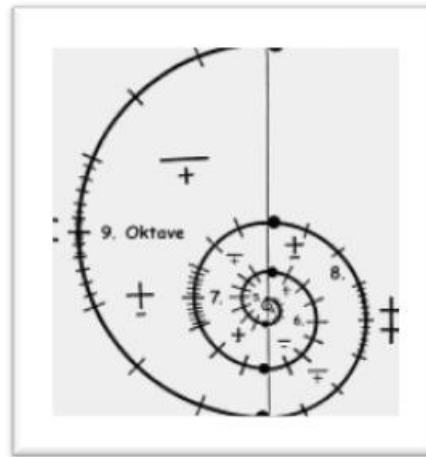
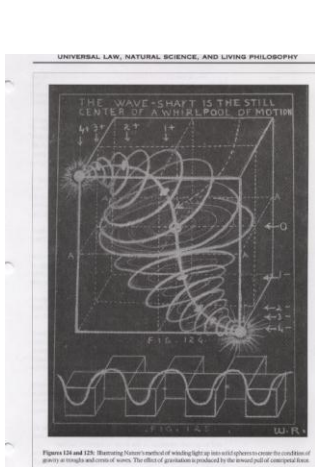


A Physicist



SAMPLE EXPERIMENTS AND WRITINGS...

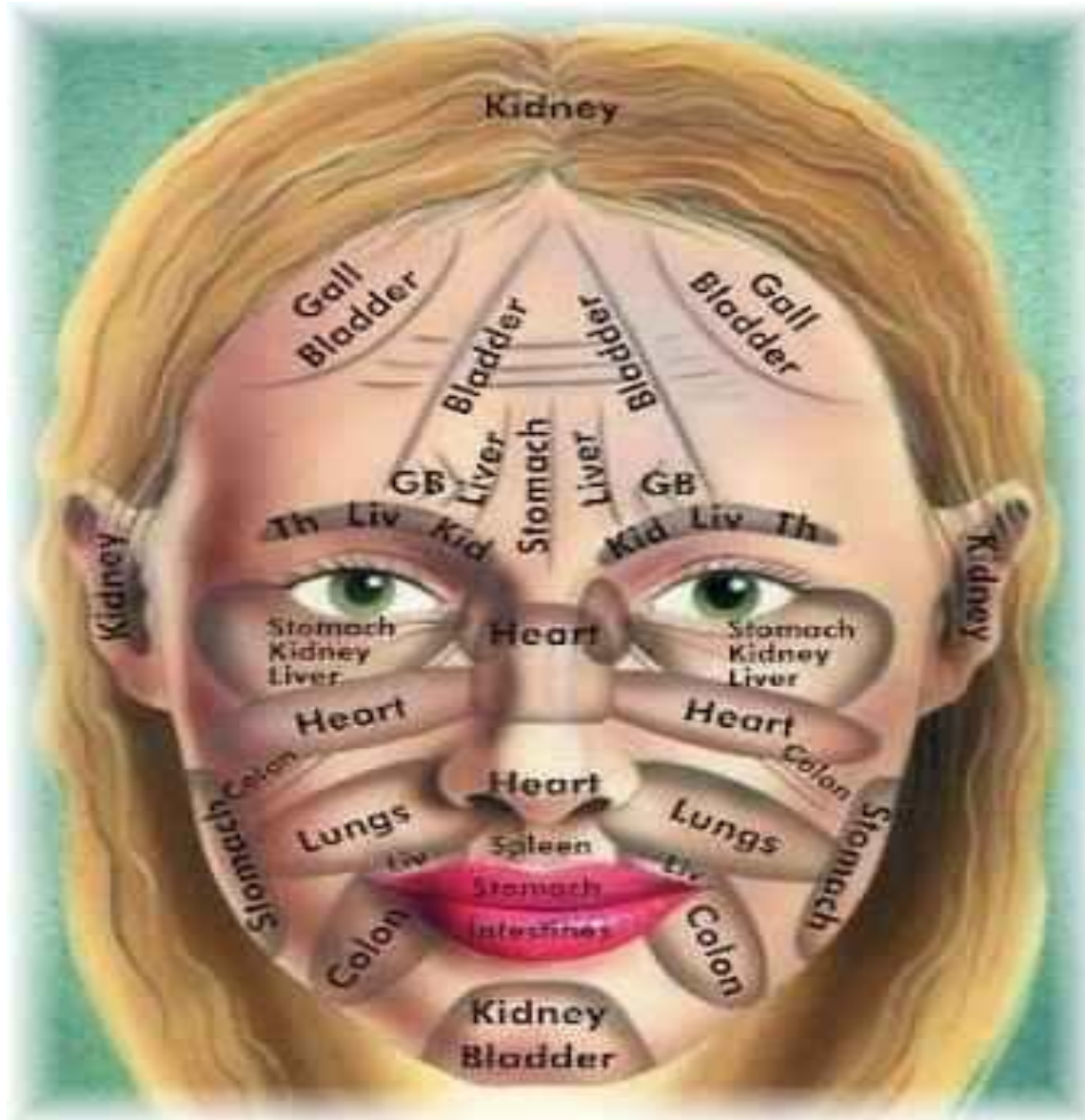
- The Russell Genero-Radiative Concept Written by Walter Russell
- The Solar Gravitational Experiment
- The New Creed of New Thinking
- What is a magnetic field?



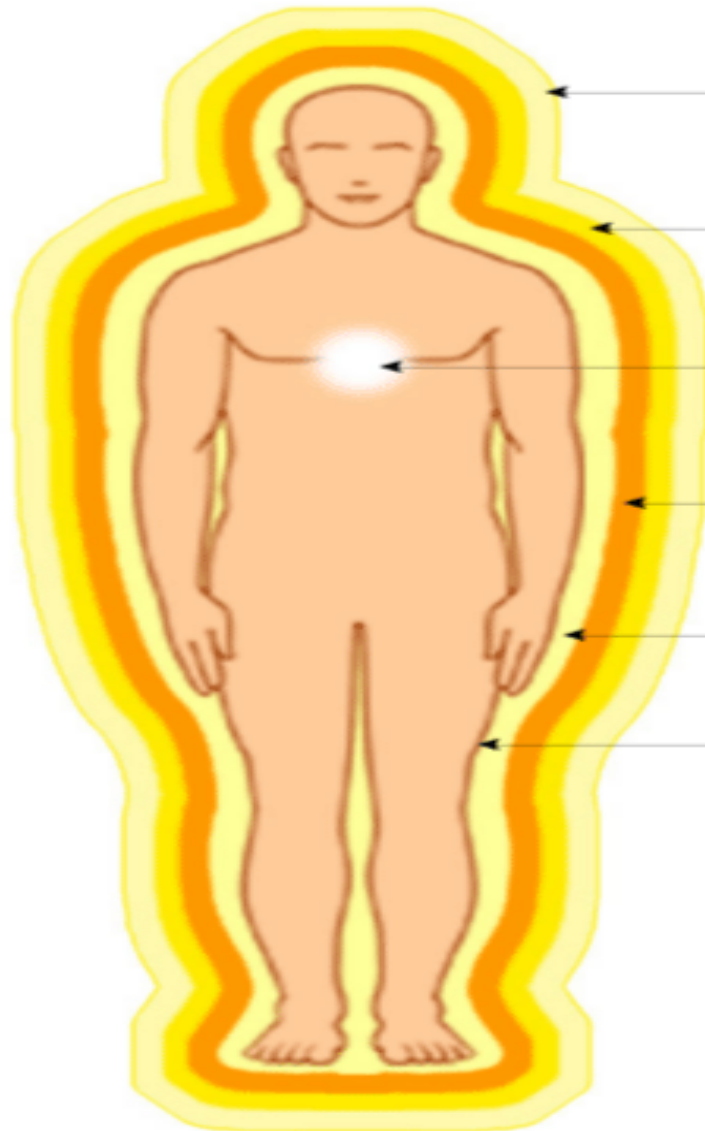
http://www.youtube.com/watch?v=8Y-b1VZGS_Y

<http://www.walter-russell.de/en/Bilder.php>

Are you taking care of your body (spirit vessel)?...
Check your face to see the health of your organs



What are we comprised of?



The Subtle Body (comprising of the following)

The Supracausal body or The Subtle Ego ★
The feeling that we are separate from God

The Causal body or The Intellect ★
Decision making process and reasoning ability

The Soul ★
The God within each of us

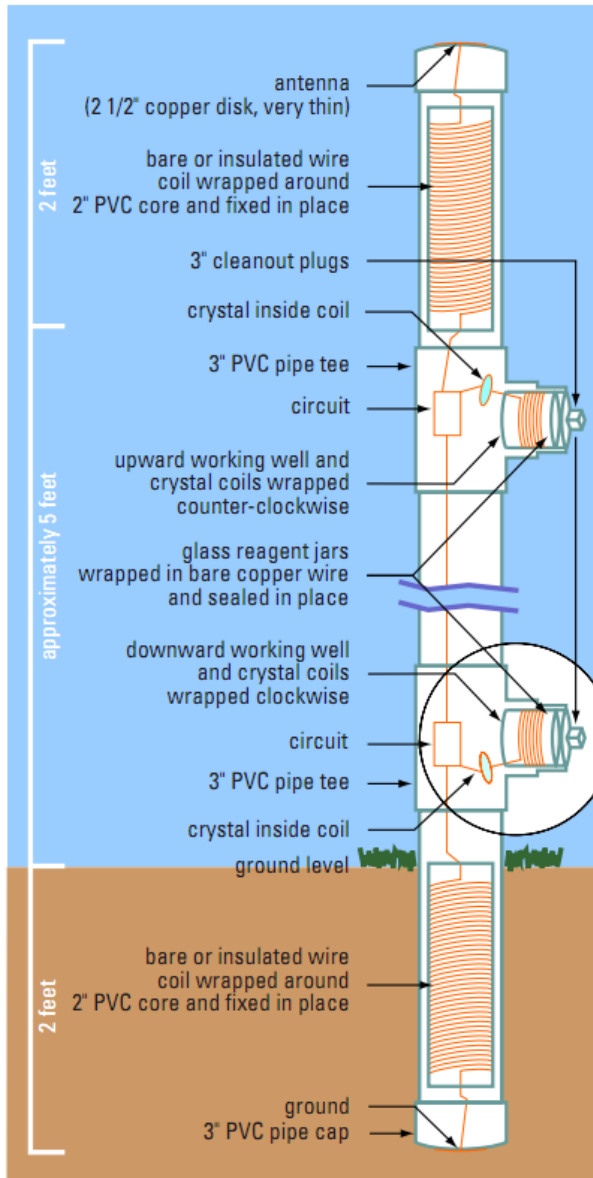
The Mental body or The Mind ★
Feelings, emotions and desires.

The Vital body □
The vital, life sustaining energy of the body

The Physical body ○
Comprising of the 5 senses, tissue, blood, organs etc.

What happens to each of the bodies after death?

○ The physical body remains on Earth



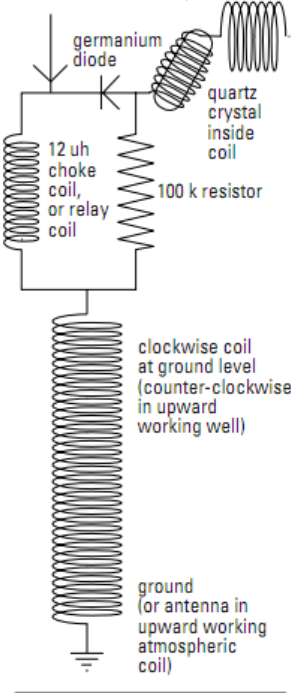
Quantum Field Broadcaster

Union Agricultural Institute
8475 Dockery Road
Blairsville, Georgia 30512
www.unionag.org

Ph: 706-745-6056
Fax: 706-745-4499
uai@alltel.net

Lower well circuit wiring schematic

(All coils for upper well are wound in reverse)



Quantum Field broadcasting ... an economical, effective way to continuously apply organizational patterns for robust environmental health to one's land. This makes low-input, high-yield agriculture of the highest quality do-able for everyone. As a stationary, self-driven instrument, a field broadcaster induces selfreinforcing, resonant fractal patterns as homeopathic potencies directly into the life energy fields of soil and atmosphere day and night, 365 days a year.

<http://issuepedia.org/wikiup/d/de/Qubrcaster.pdf>

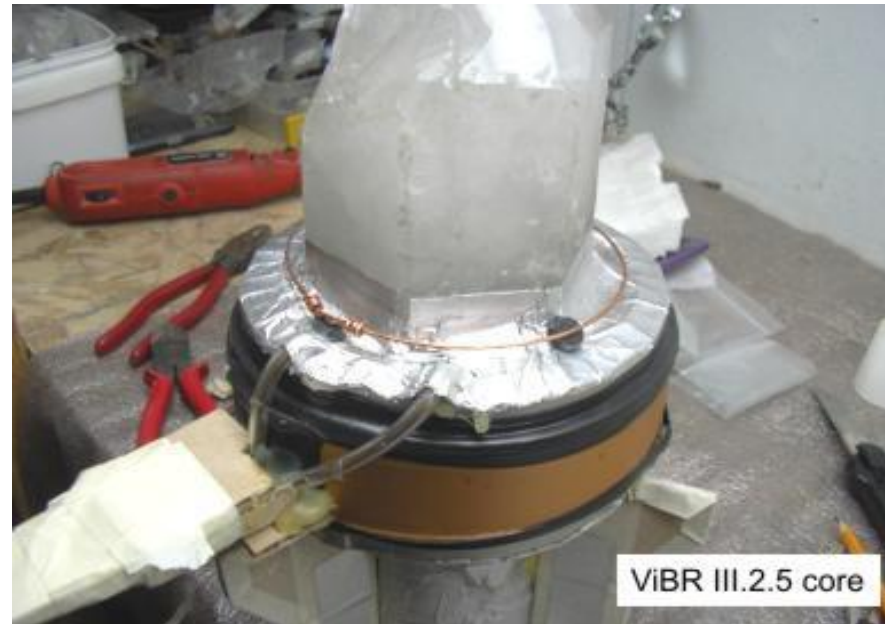
Radionics, Power towers. Quantum Field Broadcaster

Other ways- subtle energy enhancers, collectors, disseminators



Early Model ViBR components

<http://www.geomantica.com/geom18.htm>



Radionics, Quantum field broadcasters

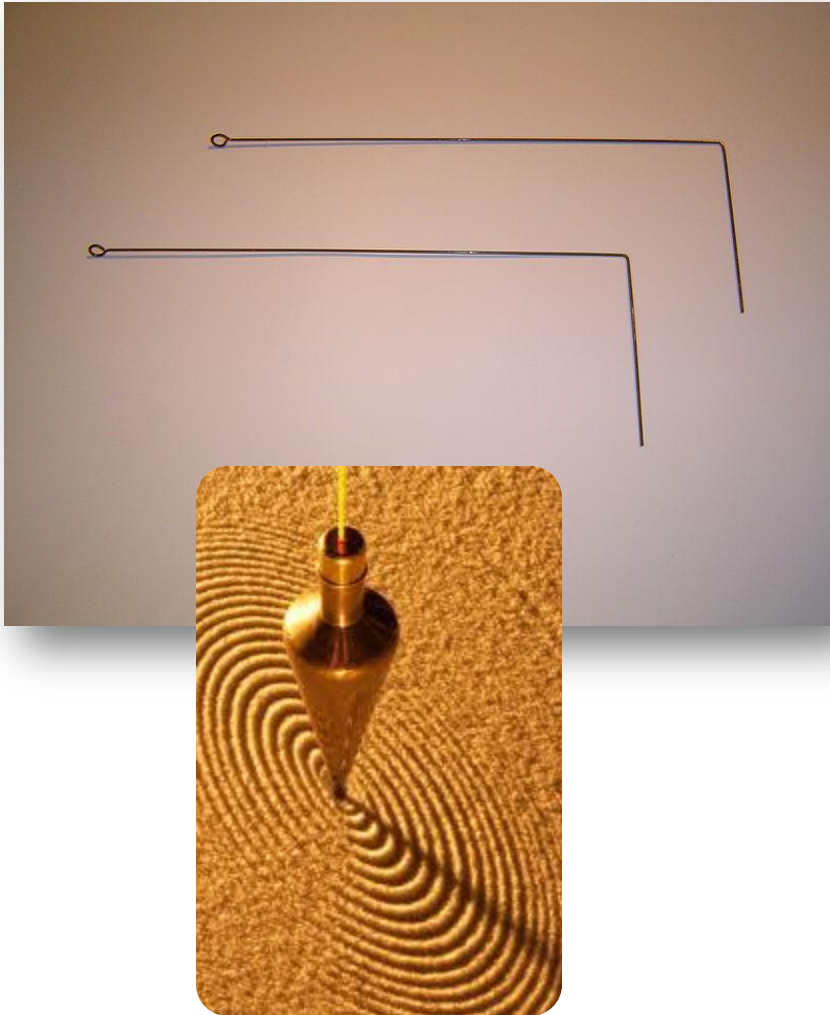
Radionics is the use of blood, hair, a signature, or other substances unique to the person as a focus to supposedly heal a patient from afar.



Dowsing is a type of divination employed in attempts to locate ground water, buried metals or ores, gemstones, oil, gravesites, and many other objects and materials, as well as so-called currents of earth radiation (Ley lines), without the use of scientific apparatus.

Dowsing is also known as **divining** (especially in reference to interpretation of results)

A Y- or L-shaped twig or rod, called a **dowsing rod**, **divining rod** is sometimes used during dowsing, although some dowsers use other equipment or no equipment at all.



Scientific Proof that Dowsing Works

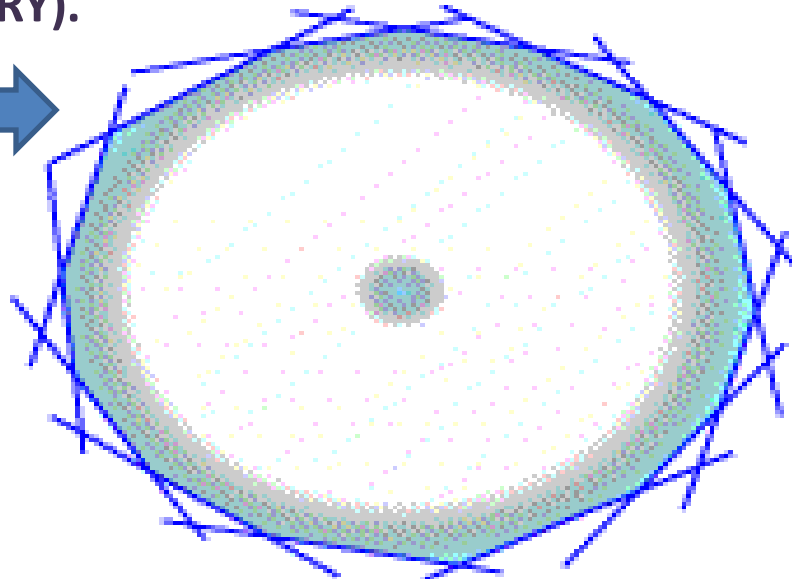
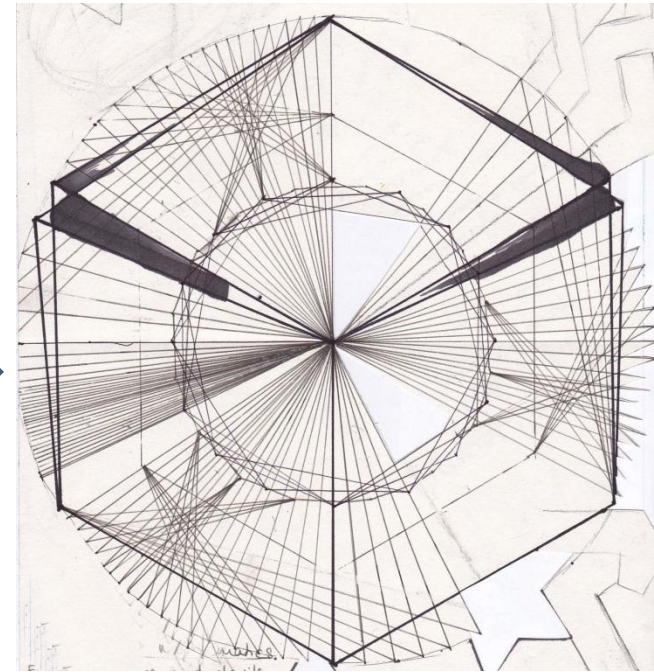
<http://www.youtube.com/watch?v=O-mBUTF3G7s>

How to create reality

2 Formative forces:

To make a circle, can start from the center
or the periphery...

- 1) those coming from the center point
(The Institutions)
- 2) those coming from the outside or
periphery, converging on the center
point (The Civil Society, creative individuals
INDUSTRY).



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Thank you