


# Frequencies

Everything in the universe is based on math. Language is math because sound is electromagnetic frequencies which is math. Language and sounds are heard because they vibrate at certain rates called Hertz frequencies, or cycles per second. Your brain perceives these energized vibrations and interprets the messages according to your programming or neurology and memory circuits formed from life experiences

Letters=numbers=sounds=colors=shapes

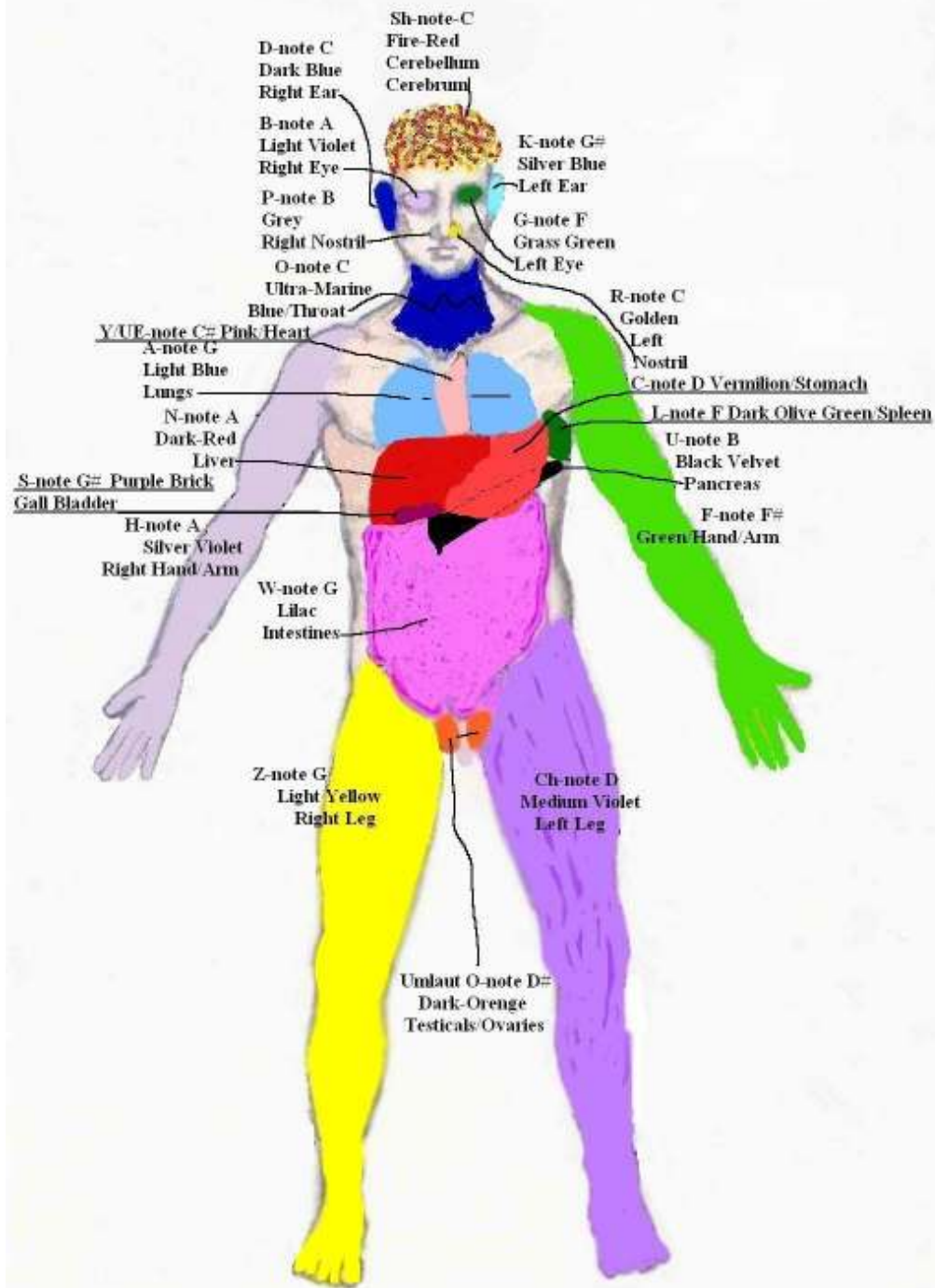
A Father	G	H	Ch	T	K	M	O,Burn	Cz	R	Machine	U	E Net	S
G	F	A	D#	F	B	D	C	D	C		B	D	G#
A	C	F#	G	G#	F	A	B	G	C	C	C#	D#	All
B	D	F/V	Z	J	L	N	P	qW	Sh	A Say	Beautiful-Go	E/A/U	O

Sound/Color	Fire/Pole			Air/Pole	Water/Pole
Letter English/Hebrew	Color	Element/Region	Anatomy	Tone	Element/Feeling
A/Aleph Father	Light Blue	Air/Chest	Lungs	G	Air/Ease
Ä A-Umlaut Say	Light/Brown	Earth/Legs	Anus	C	Akasha/Earth Pen/Weight
B/Bet	Light Violet	Water/Abdomen	Right/Eye	A	Earth/Weight
C/Cz/Tzaddi	Vermilion	Fire/Head	Stomach	D	Fire/Air Heat/Ease
D/Dalet	Dark Blue	Earth/Legs	Right Ear	C	Fire/Heat
E-They	Dark Violet	Fire/Head	Spine	D	Akasha/Pen


F/V Vav	Light Green	Water/Abdomen	Left/Arm, Hand	F#	Earth/Weight
G/Gimel	Grass Green	Earth/Legs	Left eye	F	Water/Cold
H/Hai	Silver Violet	Water Abdomen	Right/Arm	A	Fire/Head
Ch/Chet	Violet	Akasha/Plexus	Left/Leg	D#	Water/Cold
I Tree	Light Opal	Earth/Legs	Left/Kidney	G	Earth/Weight
J Yud	Dark Opal (4 Colors)	Earth/Legs	Diaphragm	G#	Water/Cold
K/Kaph	Silver Blue	Fire/Air Head/Chest	Left Ear	B	Fire/Head
L/Lamed	Dark Olive Green	Air/Chest	Spleen	F	Air/Ease
M/Mem	Blue Green	Water/Abdomen	Hollow of Abdomen	D	Water/Cold
N/Nun	Dark Flesh Red	Fire/Heat	Liver	A	Water/Cold
O/Ayin Bum	Dark Ultramarine	Fire/Head	Pharynx	C	Earth/Weight
O/Cholam, Qq	Dark Orange	Fire/Head	Testicles Ovaries	D#	Akasha/Earth Pen/Weight
P/Peh	Dark Gray	Earth/Legs	Right Nostril	B	Earth/Weight
R/Resh	Bright Gold	Akasha/Water Plexus/Abd	Left Nostril	C	Earth/Weight
S/Samek	(Brick) Purple	Fire/Head	Gallbladder	G#	Fire/Head

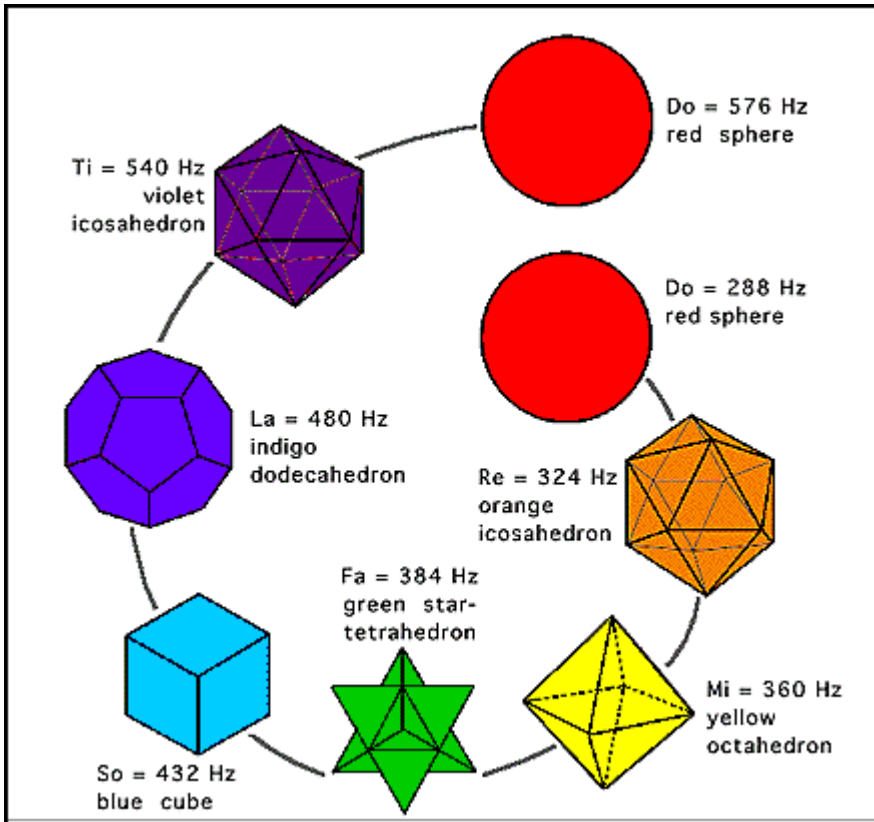
Sh/Shin	Blazing Red	Fire/Head	Brain	C	Fire/Heat
T/Teth	Black Brown	Earth/Legs	Right/Kidney	F	Fire/Heat
U Rude	Shiny Black	Akasha/Earth Plexus/Legs	Pancreas	B	Akasha Penetrating
W/ Qooph	Lilac	Akasha/Air Plexus/Chest	Intestines	G	Water/Cold
Y/U Shurek <i>Beautiful</i>	Pink	Fire/Head	Heart	C#	Akasha/Earth Pen/Weight
Z/Zayin	Light Yellow	Air/Chest	Right/Leg	G	Air/Ease
Omar					

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Robert Shrewsbury

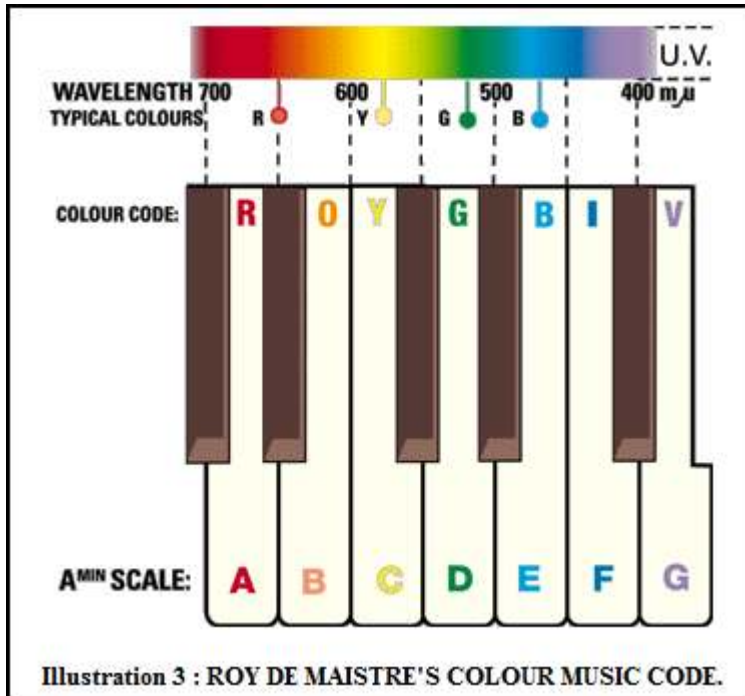


colour	wavelength in nm	frequency $\times 10^{12}$ Hz
<b>red</b>	: 780-640 nm	= 385-469
<b>orange</b>	: 640-595 nm	= 469-504
<b>yellow</b>	: 595-570 nm	= 504-526
<b>green</b>	: 570-500 nm	= 526-600
<b>blue</b>	: 500-450 nm	= 600-667
<b>violet</b>	: 450-380 nm	= 667-789

	Hz	colour	nm	colour	nm
<b>E = Re</b>	324			<b>indigo</b>	422
<b>F = Mi</b>	343	<b>IR</b>	796	<b>violet</b>	398
<b>G = Fa</b>	385	<b>red</b>	709	<b>UV</b>	354
<b>A = So</b>	432	<b>orange</b>	632		
<b>B = La</b>	485	<b>yellow</b>	563		
<b>C = Ti</b>	514	<b>green</b>	531		
<b>D = Do</b>	577	<b>blue</b>	473		



lead- violet  
tin - indigo  
silver - blue  
mercury - green  
copper - yellow  
gold - orange  
iron - red



Schumann according to "Seven Subtle Vibrations", by Benjamin Lonetree:

7.83 Hz  
14 Hz  
21 Hz  
26 Hz  
33 Hz  
39 Hz  
45 Hz

And the Schumann frequencies according to Dan Winter's Sacred Geometry site (Earth's Schumann Resonance and The Self-Referent Earth) are identical except for these differences:

7.8 instead of 7.83 Hz  
20 instead of 21 Hz

1. UT...396 Hz (Center Pillar of the Tree)
2. RE...417 Hz (Left Pillar of the Tree)
3. MI...528 Hz (Right Pillar of the Tree)
4. FA...639 Hz (Center Pillar of the Tree)
5. SOL..741 Hz (Left Pillar of the Tree)
6. LA...852 Hz (Right Pillar of the Tree)

Color Frequencies

1. Ut = **396Hz** which reduces to 9 [reducing numbers: 3+9 = 12 = 1 + 2 = 3 ; 3 + 6 = 9]
2. Re = **417Hz** which reduces to 3
3. Mi = **528Hz** which reduces to 6
4. Fa = **639Hz** which reduces to 9
5. Sol = **741Hz** which reduces to 3
6. La = **852Hz** which reduces to 6

### The Six Solfeggio Frequencies include:

**UT - 396 Hz - Liberating Guilt and Fear**

**RE - 417 Hz - Undoing Situations and Facilitating Change**

**MI - 528 Hz - Transformation and Miracles (DNA Repair)**

**FA - 639 Hz - Connecting/Relationships**

**SOL - 741 Hz - Awakening Intuition**

**LA - 852 Hz - Returning to Spiritual Order**

Another interesting tidbit that the authors included as a musical scale with words, from the work of John Keely; where Keely related the hues (not pigment colors) of light related to musical notes. On the "G-Clef" with "C" being the first line below the staff and continuing up the scale and up the staff:

C = Red = Tonic  
 D = Orange = Super Tonic  
 E = Yellow = Mediant  
 F = Green = Sub Dominant  
 G = Blue = Dominant  
 A = Indigo = Super Dominant, Sub Mediant  
 B = Violet = Leading Tone, Sub Tonic  
 C = Red = Octave

### Also included with this chart was another from the Dinshah Health Society:

Red = 397.3Hz Closest Note: G = 392Hz

Orange = 430.8 Closest Note: A = 440

Yellow = 464.4 Closest Note: A# = 466

Lemon = 497.9 Closest Note: B = 494

Green = 431.5 Closest Note: C = 523

Turquoise = 565.0 Closest Note: C# = 554

Blue = 598.6 Closest Note: D = 587

Indigo = 632.1 Closest Note: D# = 622

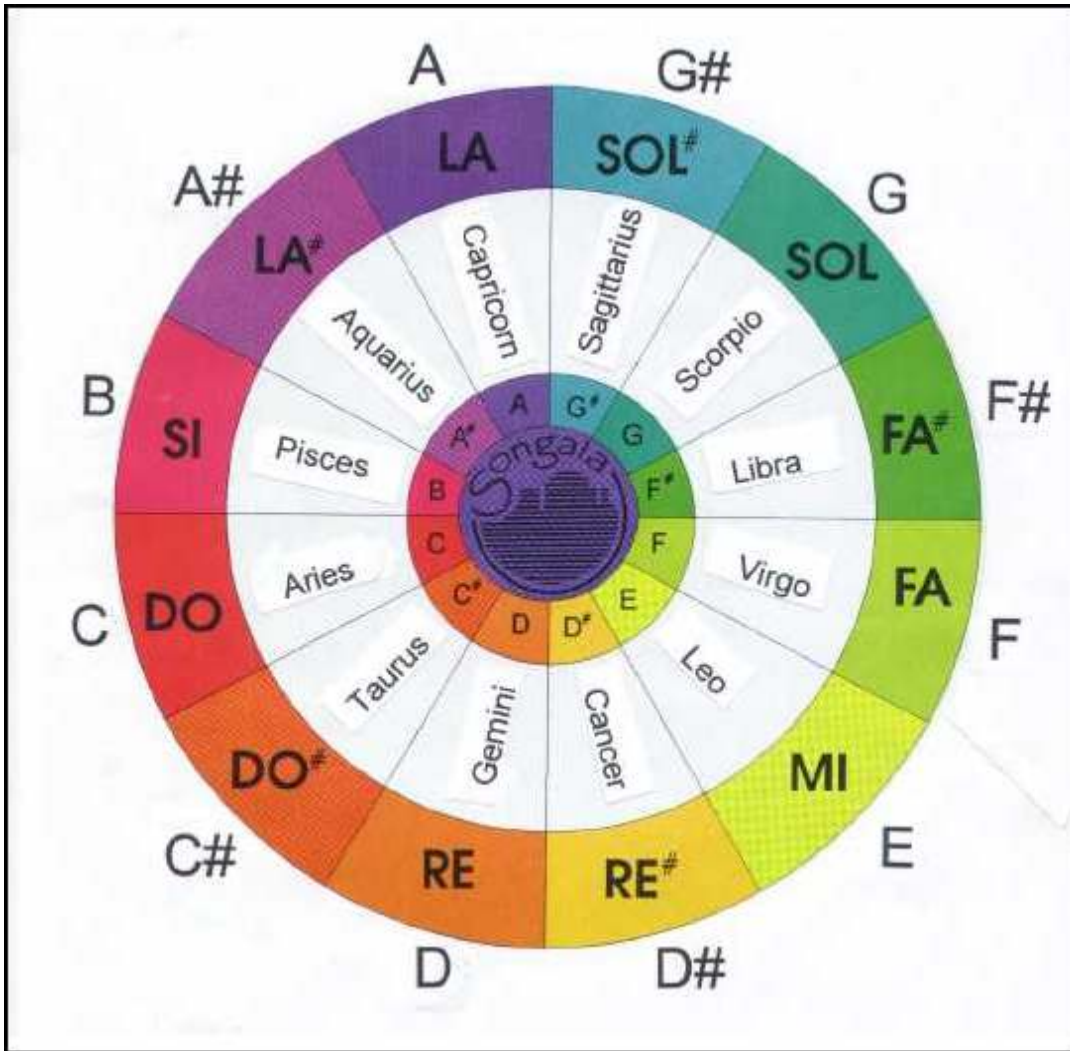
Violet = 665.7 Closest Note: E = 659

Purple = 565.0 (reverse polarity) Closest Note: A# and E = 562 (both reverse polarity)

Magenta = 531.5 (reverse polarity) Closest Note: G and E = 525 (both reverse polarity)

Scarlet = 497.9 (reverse polarity) Closest Note: G# and D = 501 (both reverse polarity)





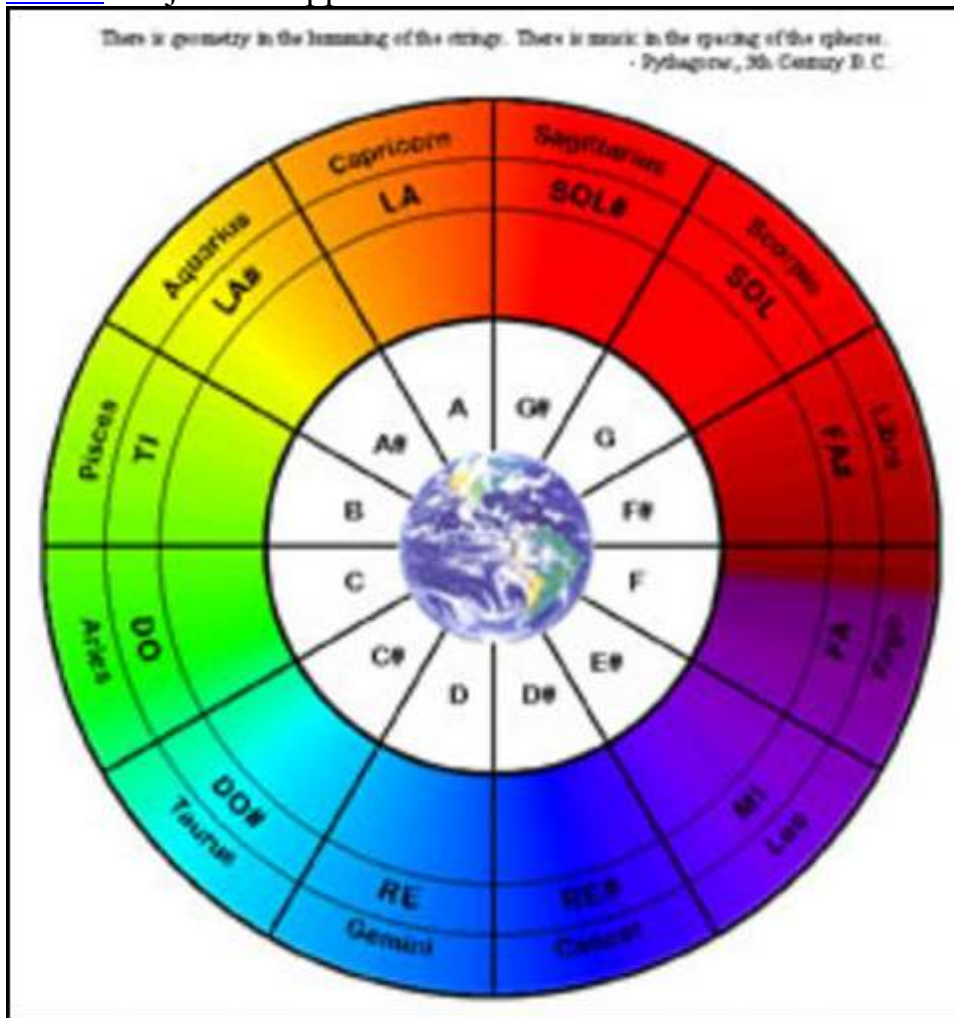
## Scientific Color Therapy and Sound Therapy Wheel

The color frequency was determined using the scientific law of octaves. Light and sound are both frequencies, although different kinds of waves. If we could extend the notes of a piano up 49 octaves from middle C, the frequency of C in that octave would be the same as the frequency of green. F# would be the same as red. The other note frequencies would correspond to the frequencies of the other colors.

Just as the note of middle C is in harmony with the note of C one octave higher, the color green is in harmony with the note of C since, at the 49th octave above middle C, it is the same frequency. F# is in harmony with the color red for the same reason. The twelve notes of the octave are displayed in this chart with their corresponding colors.

It is fascinating to note that the colors in the [Therapeutic Color Sound](#)

[Wheel](#) are just the opposite.

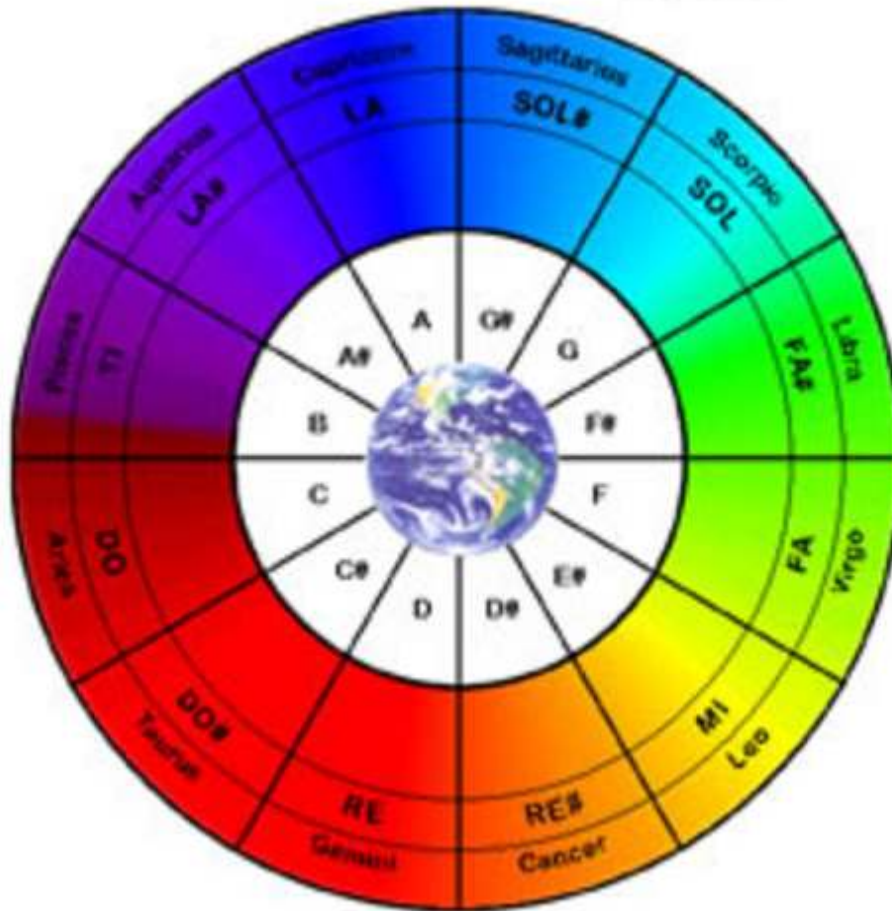


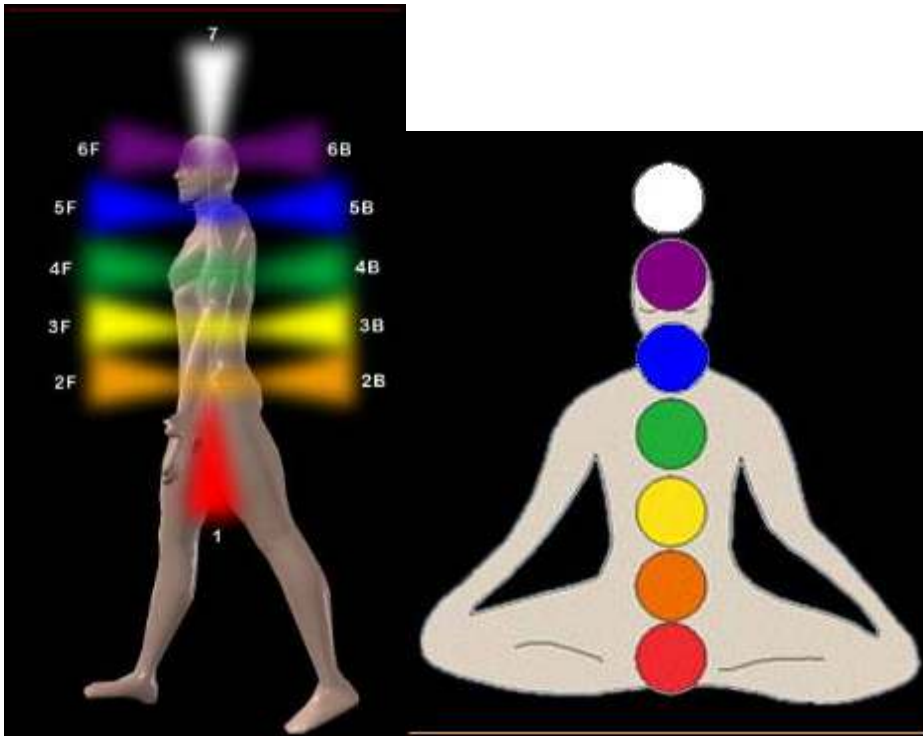
## Therapeutic Color Therapy and Sound Therapy Wheel

The Therapeutic Color Chart is useful in helping bring balance to an area of the body. If, by the use of [sound therapy](#), possibly by using our [BioTuner](#), it is determined that a person is low or high in a particular note, they may use the corresponding therapeutic color to help bring back balance.

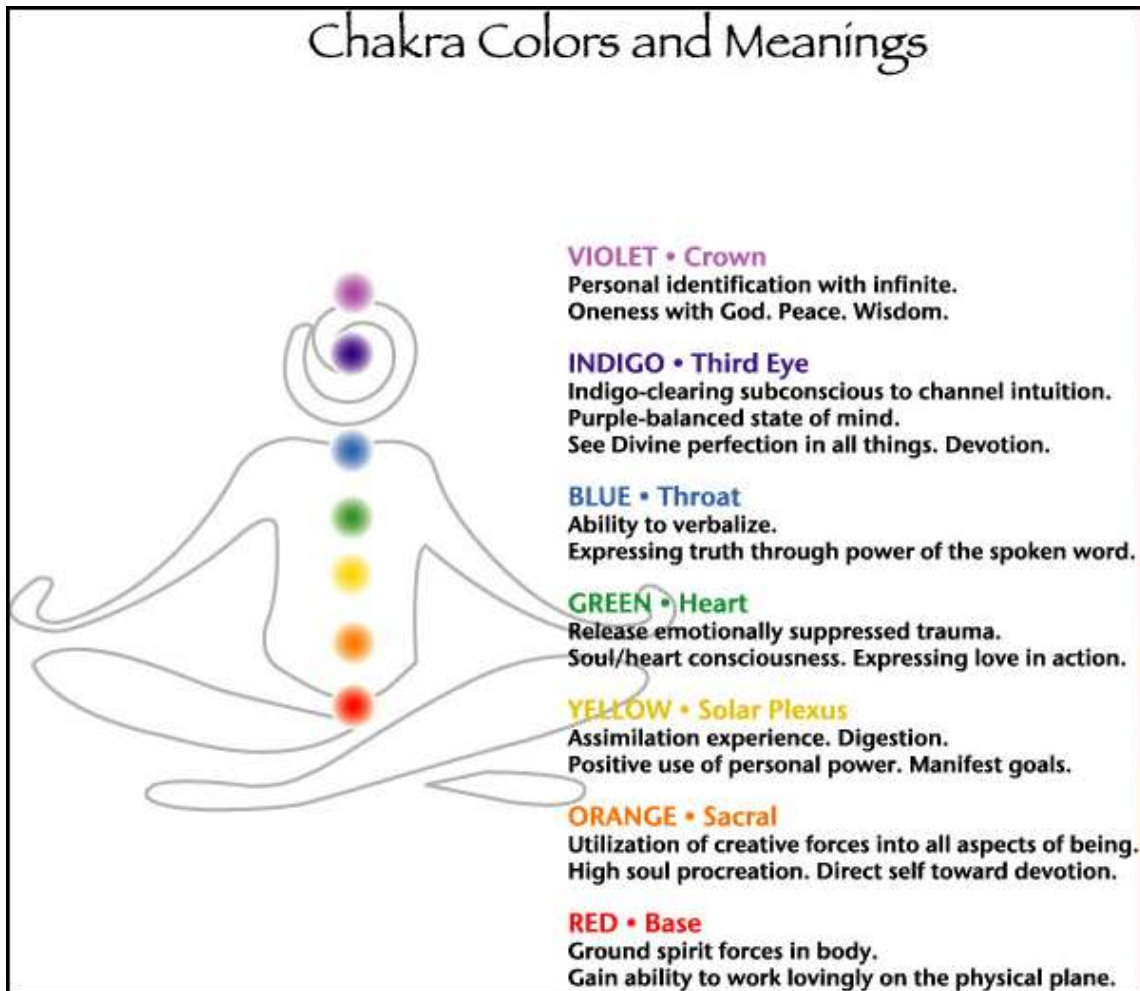
Sometimes it is difficult to determine if an area which scores high indicates a deficiency or an excess. As an illustration, with hair analysis, a person may score high in calcium. That does not necessarily mean that they have an excess of calcium in their body. If a blood test indicates a lack of calcium, the calcium in the hair may indicate that the body is not able to absorb it and is excreting it into the hair, thus giving the high score.

To know the mechanics of the world is to know the exact weight of things.  
- Walter Dill Scott





Chakras are energy centers in your body. Chakras are swirling wheels of energy. They start from your lower pelvis and go up to the top of your head. They are energy vibrations of light and each have a corresponding colour. As seen in the diagram on your right. You can activate your chakras through all of your senses.



**Frequency** is the number of occurrences of a repeating event per unit [time](#). It is also referred to as **temporal frequency**. The **period** is the [duration](#) of one [cycle](#) in a repeating event, so the period is the [reciprocal](#) of the frequency

## Definitions and units

For [cyclical](#) processes, such as [rotation](#), [oscillations](#), or [waves](#), frequency is defined as a number of [cycles](#), or periods, per unit time. In [physics](#) and [engineering](#) disciplines, such as [optics](#), [acoustics](#), and [radio](#), frequency is usually denoted by a Latin letter  $f$  or by a Greek letter  $\nu$  ( $\nu$ ).

In [SI](#) units, the unit of frequency is [hertz \(Hz\)](#), named after the German physicist [Heinrich Hertz](#). For example, 1 Hz means that an event repeats once per [second](#), 2 Hz is twice per second, and so on. This unit was originally called a [cycle per second](#) (cps), which is still sometimes used. [Heart rate](#) and musical [tempo](#) are measured in [beats per minute](#) (BPM). Frequency of rotation is often expressed as a number of [revolutions per minute](#) (rpm). BPM and rpm values must be divided by 60 to obtain the corresponding value in [Hz](#): thus, 60 BPM translates into 1 Hz.

The period is usually denoted as  $T$ , and is the [reciprocal](#) of the frequency  $f$ :



$$T = \frac{1}{f}.$$

The [SI](#) (as well as [English](#)) unit for period is the [second \(s\)](#).

## Frequency of waves

Frequency has an inverse relationship to the concept of [wavelength](#), simply, frequency is inversely proportional to wavelength  $\lambda$  (lambda). The frequency  $f$  is equal to the [phase speed](#)  $v$  of the [wave divided](#) by the wavelength  $\lambda$  of the wave:

$$f = \frac{v}{\lambda}.$$

In the [special case](#) of electromagnetic waves moving through a [vacuum](#), then  $v = c$ , where  $c$  is the [speed of light](#) in a vacuum, and this expression becomes:

$$f = \frac{c}{\lambda}.$$

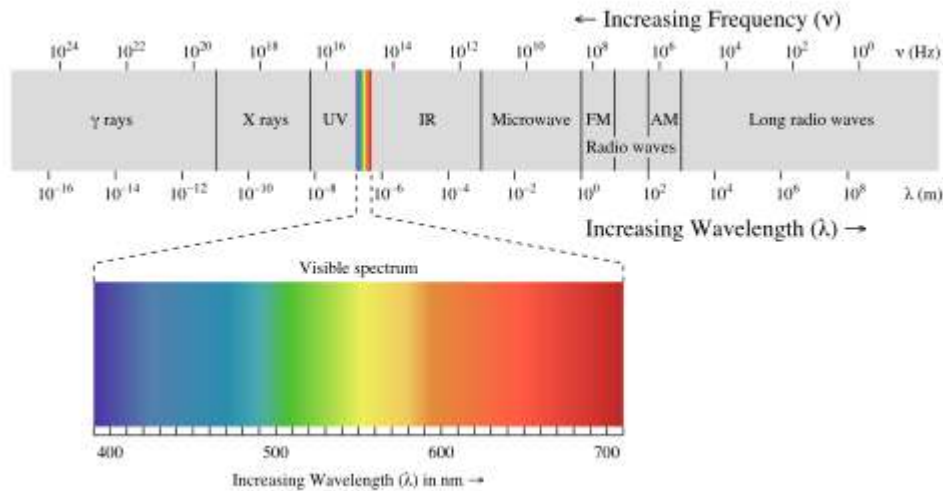
When [waves](#) from a [monochromatic](#) source travel from one [medium](#) to another, their frequency remains exactly the same — only their [wavelength](#) and [speed](#) change.

## Physics of light

[Radiant energy](#) is energy which is propagated in the form of electromagnetic waves. Most people think of natural sunlight or [electrical](#) light, when considering this form of [energy](#). The type of light which we perceive through our optical [sensors](#) (eyes) is classified as white light, and is composed of a range of colors (red, orange, yellow, green, blue, indigo, violet) over a range of [wavelengths](#), or frequencies.

Visible (white) light is only a small fraction of the entire spectrum of [electromagnetic radiation](#). At the short end of that wavelength scale is [ultraviolet](#) (UV) light from the sun, which cannot be seen. At the longer end of that spectrum is [infrared](#) (IR) light, which is used for [night vision](#) and other [heat-seeking](#) devices. At even shorter wavelengths than UV are [X-rays](#) and [Gamma-rays](#). At longer wavelengths than IR are [microwaves](#) (radar), and [radio](#) / [television](#) waves.

Electromagnetic radiation is classified according to the frequency (or wavelength) of the light wave. This includes (in order of increasing frequency): radio waves, microwaves, terahertz radiation, infrared (IR) radiation, visible light, ultraviolet (UV) radiation, X-rays and gamma rays. Of these, radio waves have the longest wavelengths and Gamma rays have the shortest. A small window of frequencies, called visible spectrum or light, is sensed by the eye of various organisms, with variations of the limits of this narrow spectrum.

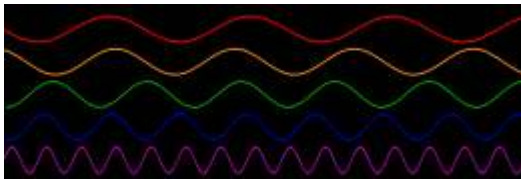


## Physics of sound

**Sound** is [vibration](#) transmitted through a [solid](#), [liquid](#), or [gas](#); particularly, sound means those vibrations composed of [frequencies capable of being detected by ears](#). For humans, hearing is limited to frequencies between about 20 [Hz](#) and 20,000 Hz (20 [kHz](#)), with the upper limit generally decreasing with age. Other [species](#) have a different range of hearing. For example, dogs can perceive vibrations higher than 20 kHz. As a signal perceived by one of the major [senses](#), sound is used by many species for [detecting danger](#), [navigation](#), [predation](#), and [communication](#).

The mechanical vibrations that can be interpreted as sound are able to travel through all [forms of matter](#): [gases](#), [liquids](#), [solids](#), and [plasmas](#). The matter that supports the sound is called the [medium](#). Sound cannot travel through [vacuum](#).

## Longitudinal and transverse waves



[Sinusoidal waves](#) of various frequencies; the bottom waves have higher frequencies than those above. The horizontal axis represents time.

Sound is transmitted through gases, plasma, and liquids as [longitudinal waves](#), also called [compression](#) waves. Through solids, however, it can be transmitted as both [longitudinal](#) and [transverse waves](#). Longitudinal sound waves are waves of alternating [pressure](#) deviations from the [equilibrium](#) pressure, causing local regions of [compression](#) and [rarefaction](#), while [transverse waves](#) in solids, are waves of alternating [shear stress](#).

Matter in the medium is periodically displaced by a sound wave, and thus oscillates. The energy carried by the sound wave converts back and forth between the potential energy of the extra [compression](#) (in case of longitudinal waves) or lateral displacement [strain](#) (in case of transverse waves) of the matter and the kinetic energy of the oscillations of the

medium.

### Sound wave properties

Sound waves are characterized by the generic [properties of waves](#), which are frequency, [wavelength](#), [period](#), [amplitude](#), [intensity](#), [speed](#), and [direction](#) (sometimes speed and direction are combined as a [velocity vector](#), or wavelength and direction are combined as a [wave vector](#)).

[Transverse waves](#), also known as [shear](#) waves, have an additional property of [polarization](#).

Sound characteristics can depend on the type of sound waves (longitudinal versus transverse) as well as on the [physical properties](#) of the transmission medium.

Whenever the [pitch](#) of the soundwave is affected by some kind of change, the distance between the sound wave maxima also changes, resulting in a change of frequency. When the loudness of a soundwave changes, so does the amount of compression in airwave that is travelling through it, which in turn can be defined as [amplitude](#).

In [music](#) and [acoustics](#), the frequency of the [standard pitch](#) A above [middle C](#) on a [piano](#) is usually defined as [440 Hz](#), that is, 440 cycles per second ( [Listen \(help·info\)](#)) and known as concert [pitch](#), to which an [orchestra](#) tunes.

## Other types of frequency

- [Angular frequency](#) ? is defined as the rate of change in the orientation angle (during rotation), or in the [phase](#) of a [sinusoidal](#) waveform (e.g. in oscillations and waves):

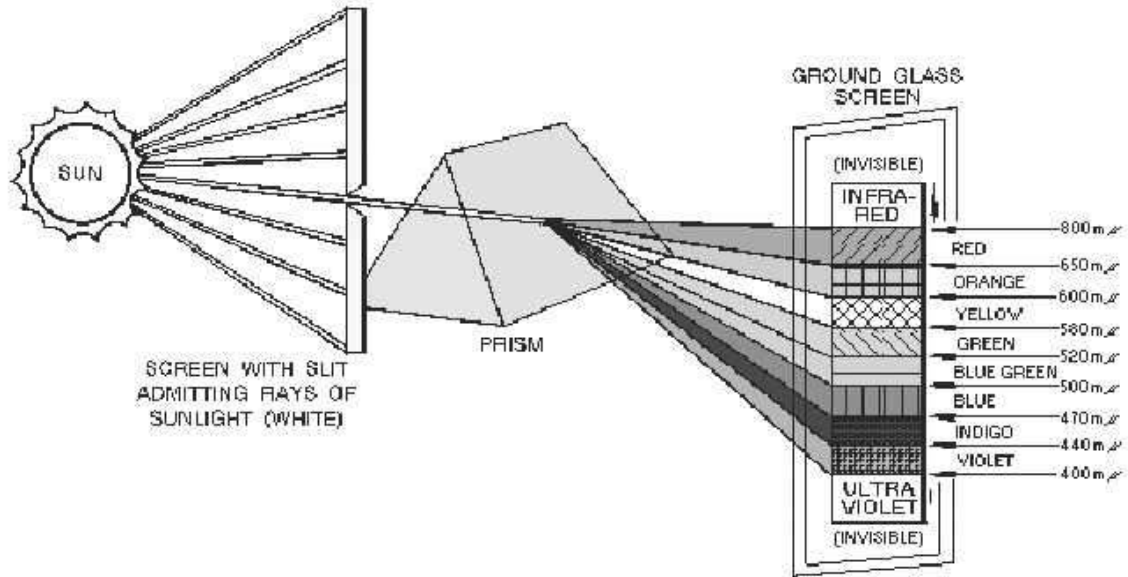
Angular frequency is measured in [radians](#) per second (rad/s).

- [Spatial frequency](#) is analogous to temporal frequency, but the time axis is replaced by one or more spatial displacement axes.
- [Wavenumber](#) is the spatial analogue of angular frequency. In case of more than one spacial dimension, wavenumber is a [vector](#) quantity.

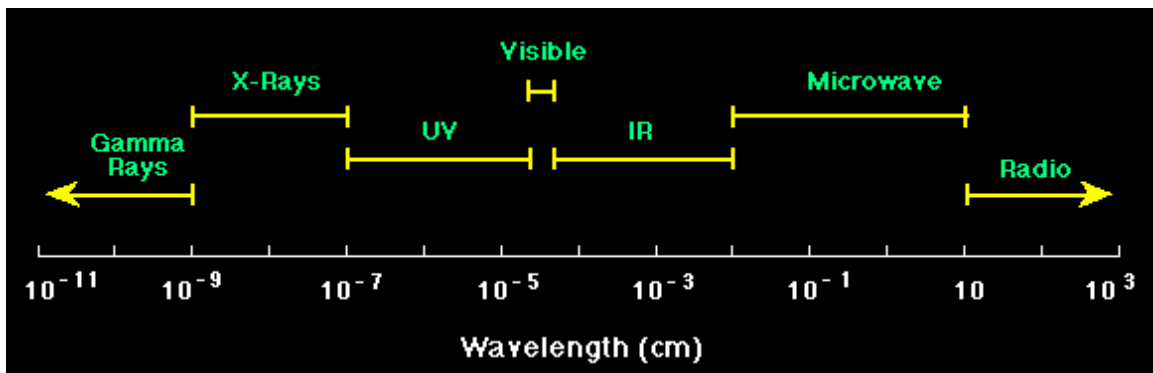
## FREQUENCIES AND COLOR

For our discussion of light wave waves, we will use the millimicron measurement. The wavelength of a light determines the color of the light. Figure 1-18 indicates that light with a wavelength of 700 millimicrons is red, and that light with a wavelength of 500 millimicrons is blue-green. This illustration shows approximate wavelengths of the different colors in the visible spectrum. In actual fact, the color of light depends on its frequency, not its wavelength. However, light is measured in wavelength





# WAVELENGTHS



Frequencies (Hz) of the wavelengths

Radio  $< 3 \times 10^9$

Microwave  $3 \times 10^9 - 3 \times 10^{12}$

Infrared  $3 \times 10^{12} - 4.3 \times 10^{14}$

Visible  $4.3 \times 10^{14} - 7.5 \times 10^{14}$

Ultraviolet  $7.5 \times 10^{14} - 3 \times 10^{17}$

X-rays  $3 \times 10^{17} - 3 \times 10^{19}$

Gamma Rays  $> 3 \times 10^{19}$

# Frequency & Wavelength

How to convert wavelength to frequency and to

## convert frequency to wavelength:

On a radio dial, stations are at positions measured in wavelengths by "metres" and in frequencies by "kilohertz" (KHz). Each particular spot on the dial has a wavelength and a corresponding frequency. There is a way to convert between frequency (f) and wavelength ( $\lambda$ ) which is as easy as the conversion between Fahrenheit and Celsius or between pounds and kilogrammes.

To convert any frequency to a wavelength, divide the speed of light by it.

So, it's: **wavelength = 299792458 divided by frequency.**

The formula works the other way round, like this:

**frequency = 299792458 divided by wavelength.**

To make it easier, it's possible to approximate the [speed of light](#) to 300 million. Also, wavelengths are always measured in metres in this formula, and frequencies are in Hertz. 1KHz (kilohertz) is a thousand hertz; 1MHz (megahertz) is a million hertz.

Example: What's the wavelength of Radio1 FM 97-99 megahertz?

99 megahertz is 99 million hertz, so to get the wavelength, it's...

**wavelength = 300 million divided by 99 million**  
= slightly more than 3 metres.

Another example: What's the frequency of BBC Radio4 long wave 1500 metres?

Ok, it's **frequency = 300 million divided by 1500**  
**= about 200,000 = 200 kilohertz**

(The station is now on 198 kilohertz)

WHY? How come this works? You can see this by walking past a wall (at say 3 metres/second to make it conveniently one hundred millionth of the speed of light) and drawing a

wave on the wall with chalk by moving the chalk up and down. If you move the chalk up and down at a frequency of three times a second that's 3 Hertz, and the wave you've drawn on the wall has a wave length (from peak to peak) of ONE METRE. Radio waves travelling at the [speed of light](#) and moving up and down at so-many millions of times a second have a corresponding wavelength drawn in space. At 300 million metres per second, a radio frequency of 300 million cycles per second (300 megahertz) draws a line in space with peaks one metre apart.

Ok, so you can convert any\* frequency to a wavelength. And any wavelength to a frequency.

\* We're talking electromagnetic waves here, radio, microwave, light, etc. These all travel at the speed of light. For SOUND, and other mechanical waves, the calculations are a bit different, because they travel at the speed of sound. So, if you are calculating frequency versus wavelength for sound, you need to use the speed of sound in the equations rather than the speed of light. It's possible to have radio waves with frequencies as low as 10KHz, but their wavelengths are very much longer than those for sound waves of the same frequency.

If you find this kind of thing helpful at this site, see [\[response\]](#)

Other items in this style include: [The conjuring trick of Logarithms explained](#) and [How a Microwave Oven works](#)

Other frequency/wavelength links include:

<http://www.gordon.army.mil/stt/31c/b03SAP2.html> - that was a really good link

## Speed of Light

The speed of light is 299,792,458 metres per second. Or approximately 300 million metres per second, or 186 thousand miles per second, or 1 foot per nanosecond. The speed of light, sometimes known as "C" (as in  $E=MC^2$ ), is a constant of the Universe. However you measure it, it really is 299,792,458 metres per second precisely, or about 186,282.4 miles per second.

Sometimes the speed of light is approximated as 300 million and is written as  $3 \times 10^8$

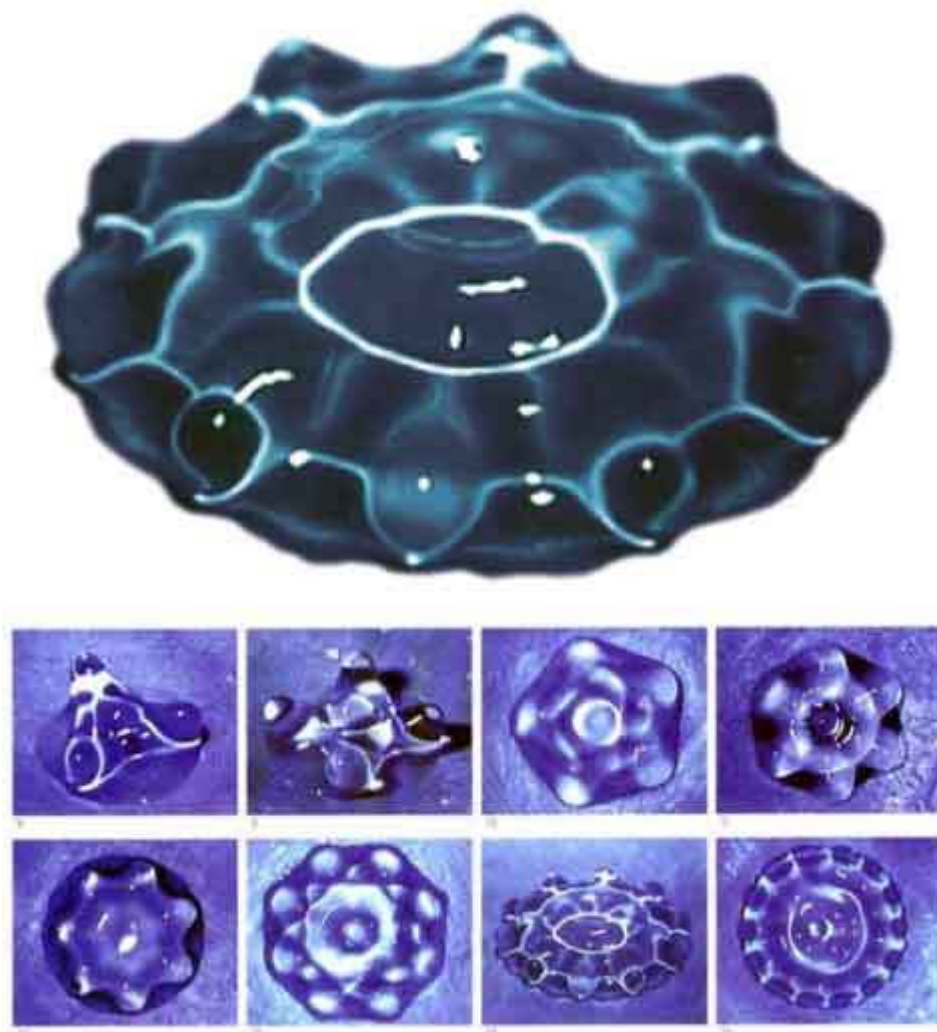
# CYMATICS

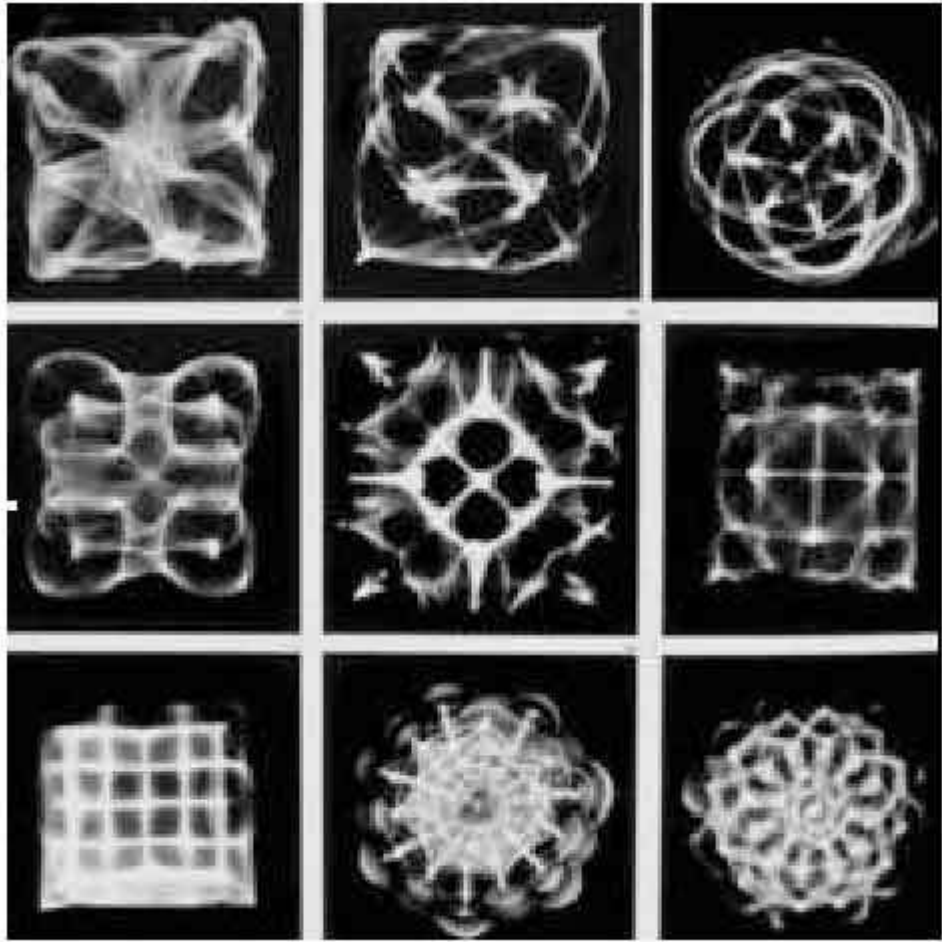
Geometric patterns formed by sound

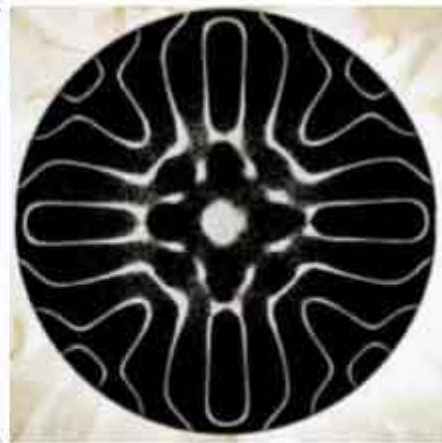
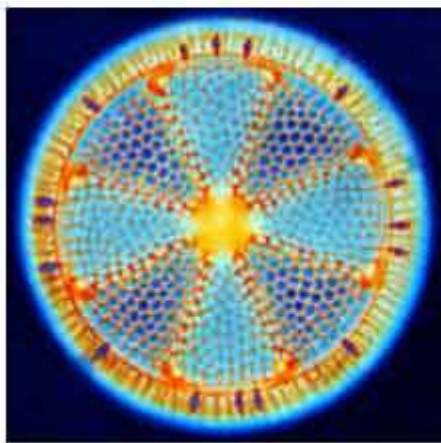
**Dr. Hans Jenny extensively studied the relationship between waveforms and matter, how sound vibrations affect and create physical form. He would send constant pitches into materials such as a droplet of water, and a thin surface covered with lycopodium powder, as well as others. When the pitch sounded it would create incredible geometric patterns in the substances. They would look like pentagonal stars, hexagonal cells, spirals, leaves, and complex Mandalas.**

**Joshua Leeds - Sound Remedies - Author of the Power of Sound**

The effect of sound on water







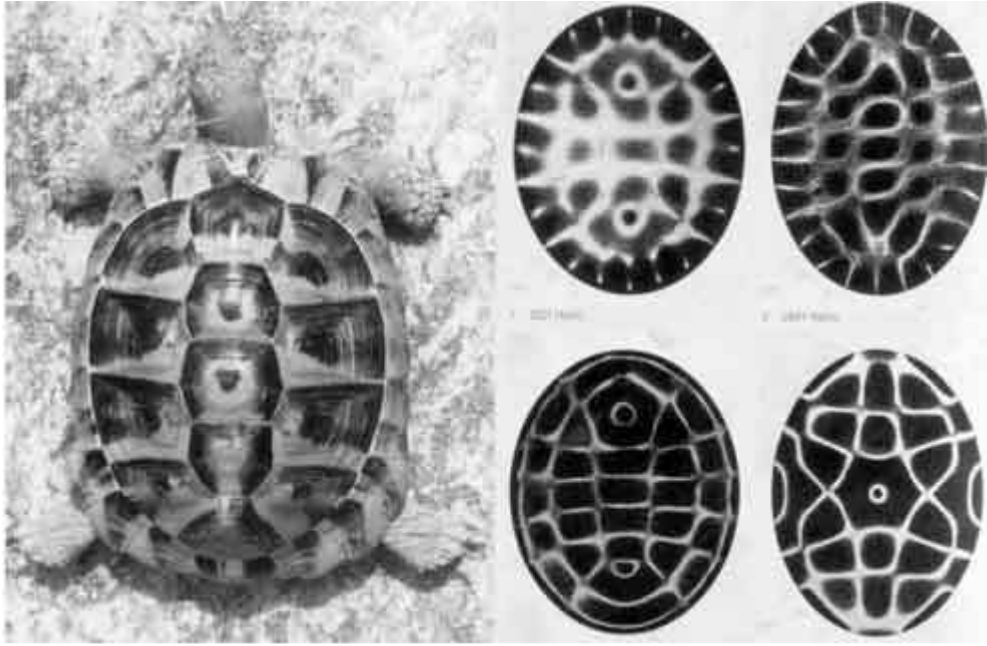
Barren-wort 24x

and Tomato  
(top row)

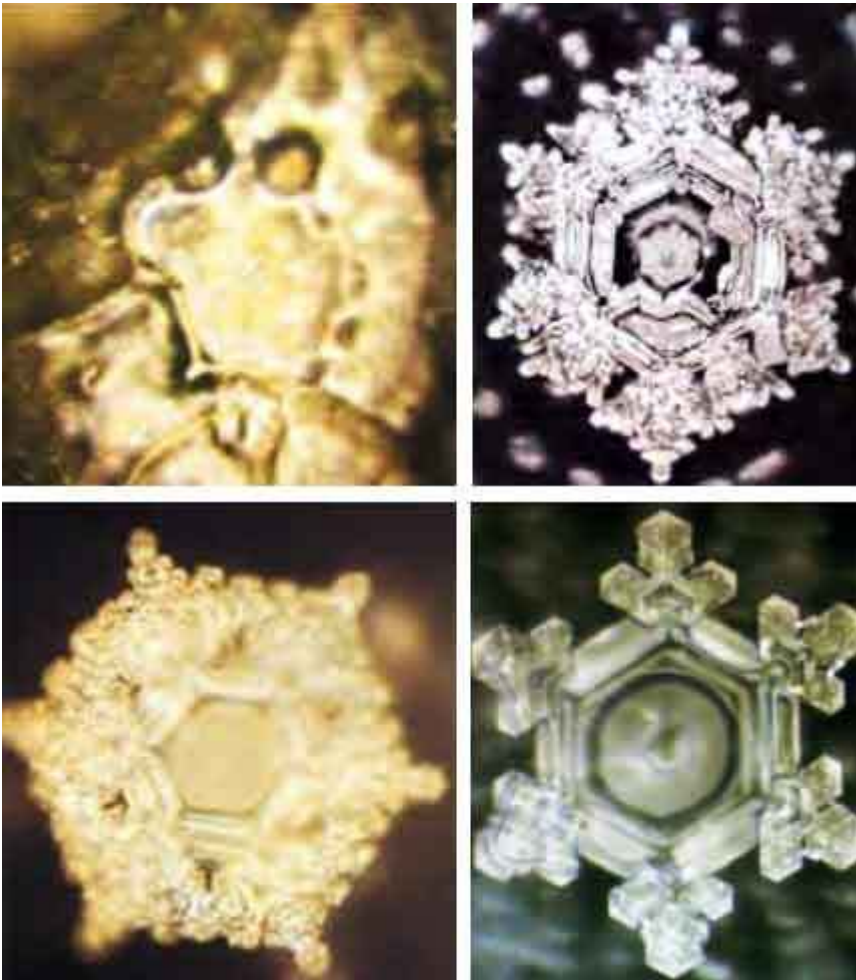
Diatom 900x [©Dr. Stephen S. Nagyand] and  
Cymatic image Chladni 4341 Hz [© Alexander Lauterwasser]  
(bottom row)

The tortoise, so often seen as supporting the world in creation myths, has a striking similarity to cymatic sound pattern within its shell. It was a tortoise shell that was used to create the ancient Chinese divination system of the I-Ching. Marie Louise Von Franz suggests the I-Ching as a perfect mathematical model of our DNA. Could this creation myth be an explanation of how our very existence is supported and made possible by DNA? [Von Franz, 1975]





Picture of tortoise beside cymatic sound pictures at 1021 Hz, 2041 Hz, 1088 Hz and 1085 Hz.



Images illustrating Doctor Masaru Emoto's research,

Fujiwara Dam, before prayer. Fujiwara Dam, after prayer. (top row)  
Love and Appreciation. Thank you. (bottom row)

Dr.Emoto's research [i] using human intention to change the structure of water demonstrates thoughts modify water-based-life. William Tiller's pH-experiment [ii] proves focused meditation can change and activate space; astonishingly this transmutability is conserved indefinitely. Both experiments demonstrate thoughts temper matter. Dean Radin's [iii] experiments' demonstrate human prescience.

Ben Libet's research illustrates we make decisions before becoming aware of them, some feel this indicates lack of free will but it may simply indicate the nested vibrational hierarchies described by Sheldrake.

[i] From Mr. Emoto's work we are provided with factual evidence, that human vibrational energy, thoughts, words, ideas and music, affect the molecular structure of water, the very same water that comprises over seventy percent of a mature human body and covers the same amount of our planet. Water is the very source of all life on this planet, the quality and integrity are vitally important to all forms of life. The body is very much like a sponge and is composed of trillions of chambers called cells that hold liquid. The quality of our life is directly connected to the quality of our water.

Water is a very malleable substance. Its physical shape easily adapts to whatever environment is present. But its physical appearance is not the only thing that changes, the molecular shape also changes. The energy or vibrations of the environment will change the molecular shape of water. In this sense water not only has the ability to visually reflect the environment but it also molecularly reflects the environment.

Mr. Emoto has been visually documenting these molecular changes in water by means of his photographic techniques. He freezes droplets of water and then examines them under a dark field microscope that has photographic capabilities. His work clearly demonstrates the diversity of the molecular structure of water and the effect of the environment upon the structure of the water.

Available at [http://www.life-enthusiast.com/twilight/research\\_emoto.htm](http://www.life-enthusiast.com/twilight/research_emoto.htm)

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[ii] Four highly practiced meditators focus on a device containing water; by meditation they increase or reduce its pH level by one. Subtle Energies By William A. Tiller pH vs. time during the operation of an intention-imprinted electronic device.

The specific intention for experiment 6a was to change the hydrogen ion concentration of water by a factor of 10 (one pH unit). Changes produced were in the range of 0.5 to 1 pH unit. For experiment 6b, the specific intention was to increase the ratio of ATP to ADP in developing fruit fly larvae so as to significantly reduce their development time. Here, statistically significant differences (10 to 15%) in development time and , energy metabolism were observed under a variety of experimental circumstances. For experiment 6e, the specific intention was to increase the thermodynamic activity of a specific liver enzyme, alkaline phosphatase, and again statistically significant results were produced. Available at <http://www.tiller.org/>

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[iii] Dean Radin's first experiment illustrates how human subjects, who are randomly exposed to emotional and calm pictures, exhibit prescience. An emotional reaction of apprehension or calm is recorded (by measuring EEG changes, changes in blood flow, increase in perspiration etc) as occurring between half a second and two seconds before the image is shown. This demonstrates that the subject has prescient knowledge of the image before it was transmitted.

***Cymatics - The Dynamics of Sound and Vibrations***



In 1967, the late Hans Jenny, a Swiss doctor, artist, and researcher, published the bilingual book *Kymatik -Wellen und Schwingungen mit ihrer Struktur und Dynamik/ Cymatics -The Structure and Dynamics of Waves and Vibrations*. In this book Jenny, like Chladni two hundred years earlier, showed what happens when one takes various materials like sand, spores, iron filings, water, and viscous substances, and places them on vibrating metal plates and membranes. What then appears are shapes and motion- patterns which vary from the nearly perfectly ordered and stationary to those that are turbulently developing, organic, and constantly in motion.

Jenny made use of crystal oscillators and an invention of his own by the name of the tonoscope to set these plates and membranes vibrating. This was a major step forward. The advantage with crystal oscillators is that one can determine exactly which frequency and amplitude/volume one wants. It was now possible to research and follow a continuous train of events in which one had the possibility of changing the frequency or the amplitude or both.

From: <http://www.mysticalsun.com/cymatics/cymatics.html>

## *Sounds, Crop Circle creation, and Planetary Healing.*

Published by: Enygma , On: Jun-03-2003

"It is in the work of Dr. Hans Jenny that we can begin to see the relationship of form and sound in the physical world. Jenny's experiments have shown that sound frequencies have the propensity to call into arrangement random, suspended particles, or to organize emulsions in hydro - dynamic dispersion into orderly, formal, periodic patterns. In other words, sound is an instrument through which temporal frequency patterns can become formal spatial and geometric patterns." - From Sacred Geometry by Robert Lawlor.

Dr. Hans Jenny extensively studied the relationship between waveforms and matter, how sound vibrations affect and create physical form. He would send constant pitches into materials such as a droplet of water, and a thin surface covered with lycopodium powder, as well as others. When the pitch sounded it would create incredible geometric patterns in the substances. They would look like pentagonal stars, hexagonal cells, spirals, leaves, and complex Mandalas. (A Mandala is a circular, complex, usually mathematical collection of harmonious geometric patterns often used for meditation – sound familiar?). All these varied shapes would hold their form as long as the pitch was constant. As soon as the pitch was shifted the form would dissolve into chaos and then form a new pattern. As the pitch went higher in frequency the patterns became more and more complex. More fascinating still, when two pitches were played simultaneously, the patterns created would pulsate and move like living organisms. Some would look just like blood pulsing through veins, others exactly like spinning galaxies. If you did not know what you were looking at, you would think you were looking at black and white movies of weather patterns, galaxies, close ups of nature, and human biology pulsing with life. These patterns illustrate an underlying order in the physical universe and human consciousness that appears to be intimately related to sound.

One interesting fact related to Dr. Hans Jenny's work are the Yantras used in ancient Vedic and Tantric practices. A Yantra is a type of Mandala that corresponds to a particular sound, (Mantra) which in turn relates to a particular energy (symbolized by a deity or aspect of god). When these sounds were put to similar tests as Dr. Hans Jenny's they were found to create their corresponding Yantra exactly. One example is that of the sound OM and its corresponding Yantra, the Shri Yantra. Modern biochemists, astrophysicists and yogis all agree that at the molecular level of reality, our bodies are systems of vibrating atomic particles. Each part of our body, each cell, gland and organ resonate with different frequencies and hence can be said to have its own particular keynote. In a very real sense then, at the very core of our being, we are composed of sound. Being composed at our core of vibration it would make sense that the vibrations around us would have impact on us, but how? Through the principle of resonance and entrainment, two objects containing similar vibrational makeup are said to be in sympathetic vibration, or resonance. The body as a total system vibrates at a rate of approximately 7.8 to 8 cycles per second when it is most natural and relaxed. The alpha brain waves, which correspond to a state

of relaxation, are also in the 8 per cycle range. The Earth itself vibrates at the same vibrational frequency of 8 cycles per second. The nervous system of each life form is attuned to this fundamental frequency. We vibrate at a certain frequency, the earth vibrates at a certain frequency, sacred geometric patterns vibrate at a certain frequency, so does it follow that the crop formations are created by specific sound frequencies? As Dr. Jenny discovered in his experiments, as the pitch went higher in frequency the patterns became more and more complex, much in the way that crop formations have grown more complex over the years.

The basis of Yantra operation is something called "shape energy" or "form energy". The idea is that every shape emits a very specific frequency and energy pattern. Examples of old beliefs in shape energy are the Yantras and Mandalas of eastern philosophies, the star of David, the five pointed star (pentagon), the Christian and Celtic crosses, the pyramids and so on. Certain 'powers' are also ascribed to the various shapes. Basically Yantras are secret keys for establishing resonance with the benefic energies of the macrocosm. Very often the Yantras can put us in contact with extremely elevated energies and entities, being of invaluable help on the spiritual path. Are the crop circles "Yantras in the fields"? And are they a tool for planetary healing?

Mathematician, Gerald Hawkins, who studied the formations and found a recurring pattern to their design. Hawkins knew that most of the geometric formations were somehow incorporated into a circle. Though it was occasionally hidden with other images, Hawkins discovered that nearly all crop circles would take simple forms such as the triangle, square and hexagon and put them inside circles. These could certainly represent "sketches" of three-dimensional shapes.- see also Paul Vigay's 3D modeling in "Crop Circles: Quest for Truth."

Hawkins discovered something extraordinary when he took the surface area of the circle and divided it against the area of the square, triangle or hexagon on the inside. The relationships between these numbers are the diatonic ratios, or the actual tones in the octave. In other words, these simple flat crop circles display musical frequencies. – Behold! A common link between sound, music and geometry.

The importance of this find cannot be underestimated, as this was apparently something that NO ONE had known previously. Hawkins astounded everyone by showing a completely new set of "geometric theorems" that the basic square, triangle and hexagon produced musical ratios when placed within circles.

Freddy Silva covers a lot of this material in the book, "Secrets in the Fields", published in July 2002, and continues to publish Hawkins latest work on the Crop Circular website, you can read more here: Freddy Silva.

CCN member and contributor, ("The History of Crop Circles" in the section \*New To Crop Circles\*), David Kingston has created a computer generated musical piece based on the frequencies recorded at the crop formations called "Sounds of The Crop Circles" David Kingston.

Recommended reading:

Cymatics: A Study of Wave Phenomena and Vibration by Hans Jenny.

Synergetics: By R. Buckminster Fuller. (Note: Hans Jenny was a student of Fuller's)

Secrets of the Fields: Freddy Silva.




Sacred Geometry: Robert Lawlor

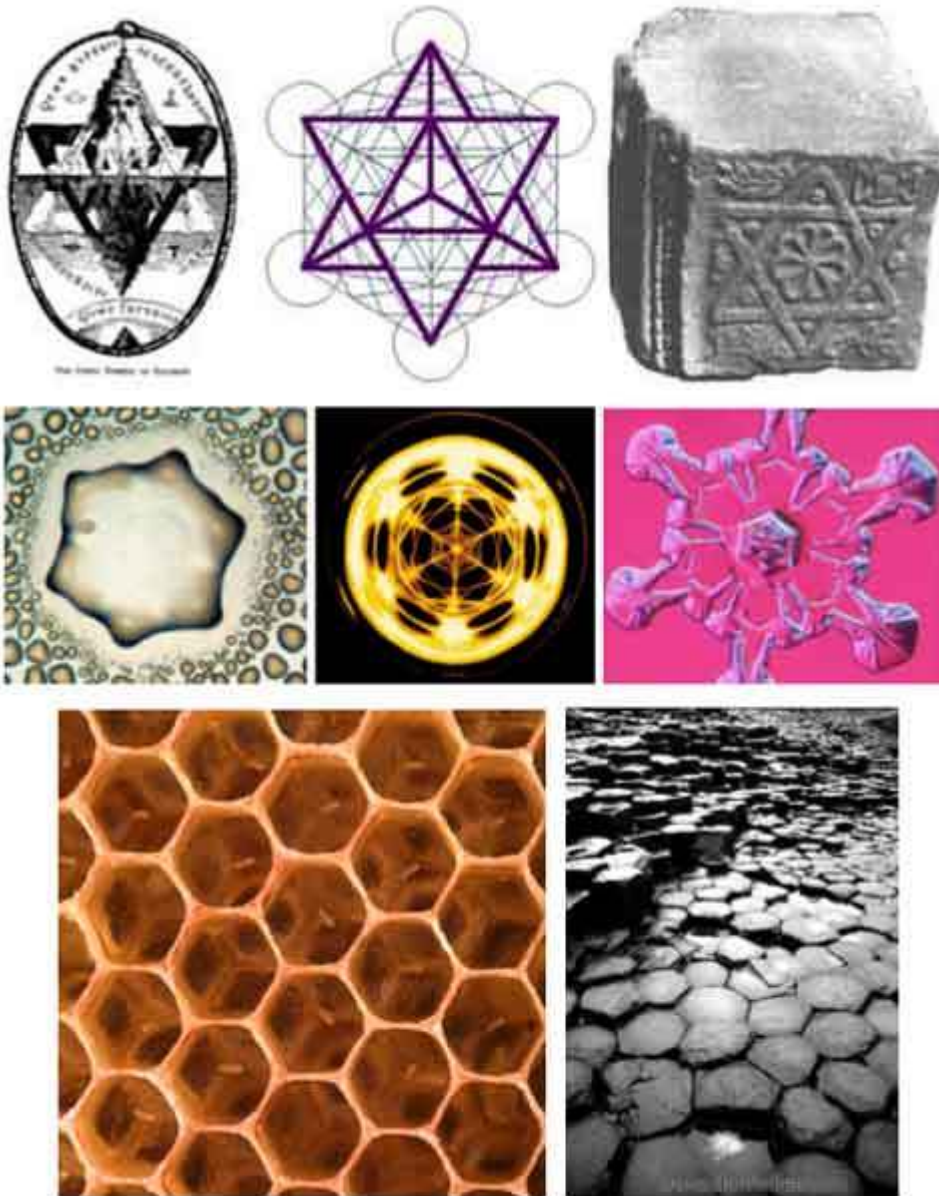
<http://www.cropcircleanswers.com/>

<http://www.cropcirclenews.com/modules/sections/index.php?op=viewarticle&artid=22>

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LOST KEYS

Cymatic patterns, Dr. Emoto's frozen water and numerous natural geometries tantalisingly demonstrate the morphology of the cosmos and that consciousness can re-mould the material world. The Star of David is an Alchemical representation of the Quintessence [i] the force that controls the essence of organic life. This would lend Solomon's Seal (the Star of David) a more profound level of meaning. Is it a deliberate geometric description of the life force?

[i] The alchemists of the Middle Ages used  first and foremost as a general symbol representing the art of alchemy and secondly as a sign for combinations of  water and  fire. Combined these two triangles formed the symbol for fire water, the essence or spiritus of wine: alcohol. It was also used as a sign for quintessence, the fifth element. Available at <http://fusionanomaly.net/alchemy.html>  
Cymatic pattern mirrors water, honeycomb and alchemical portrayals of the cosmos:



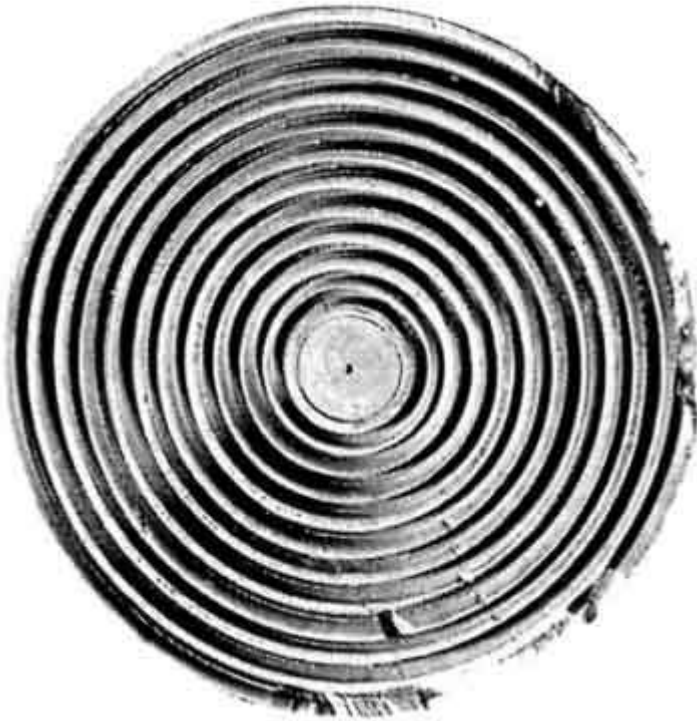
Solomon's Seal. Hexagon geometry. Solomon's Seal C3.  
(top row)

Watermolecule 25x. [© Raul M. Gonzalez]  
Cymatic 37,9Hz.[© Alexander Lauterwasser]  
Snowcrystal 25x. [© Ted Kinsman]  
(middle row)

Honeycomb. Giant's causeway.  
(bottom row)

'Symbolism is the language of the Mysteries, [and] all Nature...to communicate...thoughts which transcend the limitations of language...those who can discover its lost keys may open with them a treasure house of philosophic, scientific, and religious truths.' [Manly P.Hall, 2003]

Power invested symbols are primordial. The Sun's astrological symbol, a dot within a circle, is a primeval description of the Prima-Causa. The circle symbolizes eternity or primal-power; the dot (Bindu) pinpoints the emergence of that power.



The bindu, sacred point of origin and return



Cymatic pattern in powder





Ring Nebula. Helix Nebula. Cats eye nebula.  
 Nebula images from: [http://hubblesite.org/gallery/album/nebula\\_collection/](http://hubblesite.org/gallery/album/nebula_collection/)

Pythagoras [i] understood the elegant lawfulness of geometry consubstantiated [1] with sound as the foundation of a universe in sonic consonance. An underlying algorithm has been championed by many; from Pythagoras and Plato, to David Bohm, Carl Jung, neuroscientists and complexity theorists [ii].

[1] Consubstantiate To unite or become united in one common substance, nature, or essence.

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[i] Pythagoras, whose life in the seventh century BC marks the inception of Hermetic philosophy and numerological mysticism among the Greeks. He travelled the world while still in his thirties and forties, studying with every priesthood and esoteric college he could reach and procuring the texts of those he couldn't physically visit. When he finally settled down to start his own school, he credited the Hebrew Kabbalists and Hindu Brahmins for enlightening him about their number mysteries in which his own teachings about the whole numbers and Sacred Geometry were grounded.

Available at <http://www.tarot.com/about-tarot/library/essays/history>

Honeycomb - Pythagoreans perceived the hexagon as an expression of the spirit of Aphrodite, whose sacred number was six (the dual Triple Goddess), and worshipped bees as her sacred creatures who understood how to create perfect hexagons in their honeycomb. Seeking to understand the secrets of nature through geometry, the Pythagoreans meditated on the endless triangular lattice, all sixty degree angles, that results from extending the sides of all hexagons in the honeycomb diagram until their lines meet in the center of adjacent hexagons. It seemed to them a revelation of the underlying symmetry of the cosmos. Moreover, since honey and salt were the only commonly known preservatives at the time, both were symbols of resurrection or reincarnation. The dead were often embalmed in honey, especially in the large pithoi or burial vases, where they were placed in fetal position for rebirth. Demeter was "the pure mother bee" who governed the cycles of life, as was the biblical Deborah whose name means "bee." Honey cakes formed like female genitals figured prominently in worship of the Goddess. The bee was usually looked upon as a symbol of the feminine potency of nature, because it created this magical, good tasting substance and stored it in hexagonal cells of geometric mystery. With so many ancient connections with the Goddess, it was inevitable that medieval hymns addressed the virgin Mary as a "nest of honey" and "dripping honeycomb."

Available at [http://de.wikipedia.org/wiki/Benutzer\\_Diskussion:Auto-horst](http://de.wikipedia.org/wiki/Benutzer_Diskussion:Auto-horst)

"... and the whole heaven to be a musical scale and a number..." [Aristotle's account of the Pythagoreans (Metaphysics A5, 985b23)]

It seemed clear to the Pythagoreans that the distances between the planets would have the same ratios as produced harmonious sounds in a plucked string. To them, the solar system consisted of ten spheres revolving in circles about a central fire, each sphere giving off a sound the way a projectile makes a sound as it swished through the air; the closer spheres gave lower tones while the farther moved faster and gave higher pitched sounds. All combined into a beautiful harmony, the music of the spheres. Available at

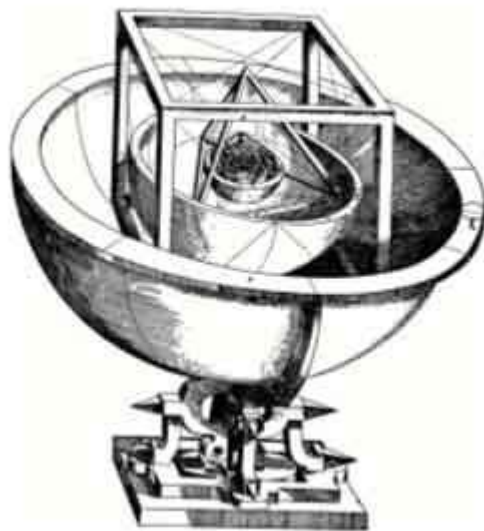
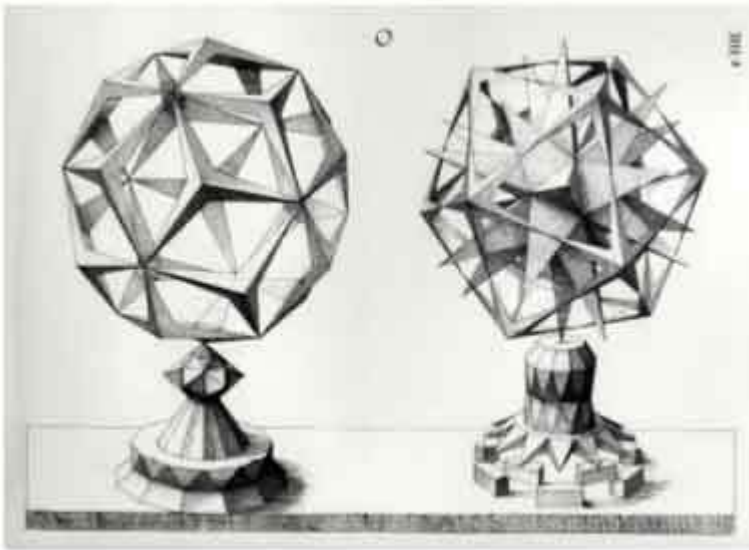
<http://www.dartmouth.edu/~matc/math5.geometry/unit3/unit3.html>

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[ii] This is beautifully explained by Christina Brodie in her article...Geometry and Pattern in Nature 1: Exploring the shapes of diatom frustules with Johan Gielis' Superformula by Christina Brodie, UK Available at <http://www.microscopy-uk.org.uk/mag/artapr04/cbdiatom2.html>

To view the effects of combining Supershapes, please see:  
<http://astronomy.swin.edu.au/~pbourke/surfaces/supershape3d/#2d>  
Paul Bourke's homepage: <http://astronomy.swin.edu.au/~pbourke>  
Brian Darnton's homepage: [www.darnton.freemove.co.uk](http://www.darnton.freemove.co.uk)

Additionally, the following sites may prove of interest:  
Johan Gielis' website: <http://www.geniaal.be/#>  
Weisstein, Eric W. "Superellipse." From MathWorld--A Wolfram Web Resource.  
<http://mathworld.wolfram.com/Superellipse.html>



Platonic solids.  
Kepler's Platonic solid Solar system,

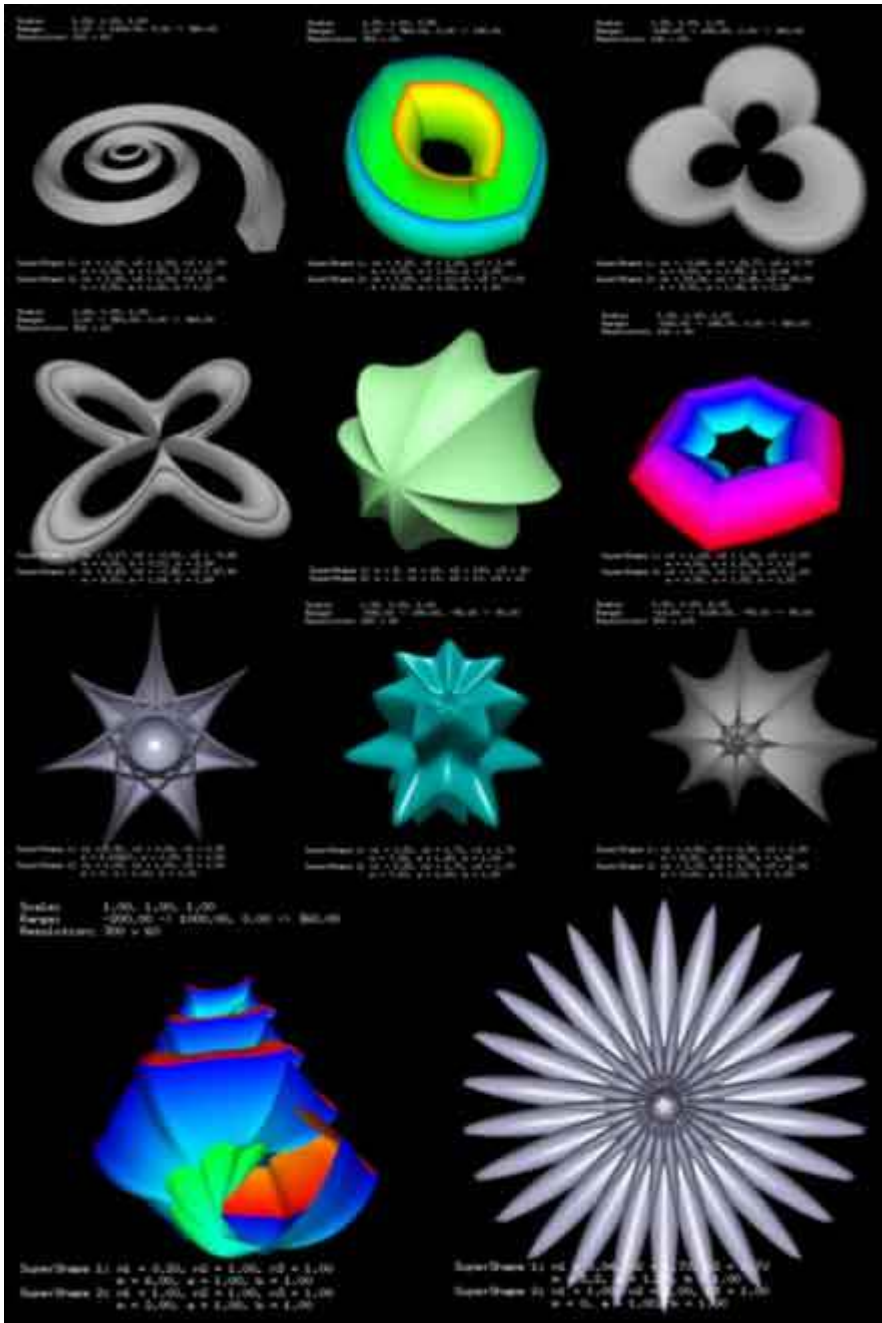
Mysterium Cosmographicum (1596).

Belgian Scientist Johan Gielis has created a Superformula interlinking shapes found in nature with a single mathematical equation. Previous equations have tended to "exist in isolation". Johan Gielis's Superformula generates a spectacular array of symmetrical organic forms, including diatoms, starfish and flowers. Computer technology allows the apparently endless shape-generating ability of this equation! The Superformula combines the equation for a circle ( $r^2$ , where  $r$ =radius) with that for a superellipse.

The Superformula generated shapes share interesting parallels with the mechanism of gene expression. The phenotype of an organism is a direct expression of its genotype, variables created by DNA nucleotides control the shape of an organism. The science of genetics assumes the evolution of organisms, and genes, from a common "ancestor" or ancestral gene, so too do Supershapes originate from the Superformula, where the simplest shape, in terms of mathematical description and form, is that of the circle. [Christina Brodie, 2004.]

For more details <http://astronomy.swin.edu.au/~pbourke/surfaces/superellipse> & <http://astronomy.swin.edu.au/~pbourke/curves/supershape>





3-D supershapes at paul bourke's website  
<http://astronomy.swin.edu.au/~pbourke/surfaces/supershape3d/>



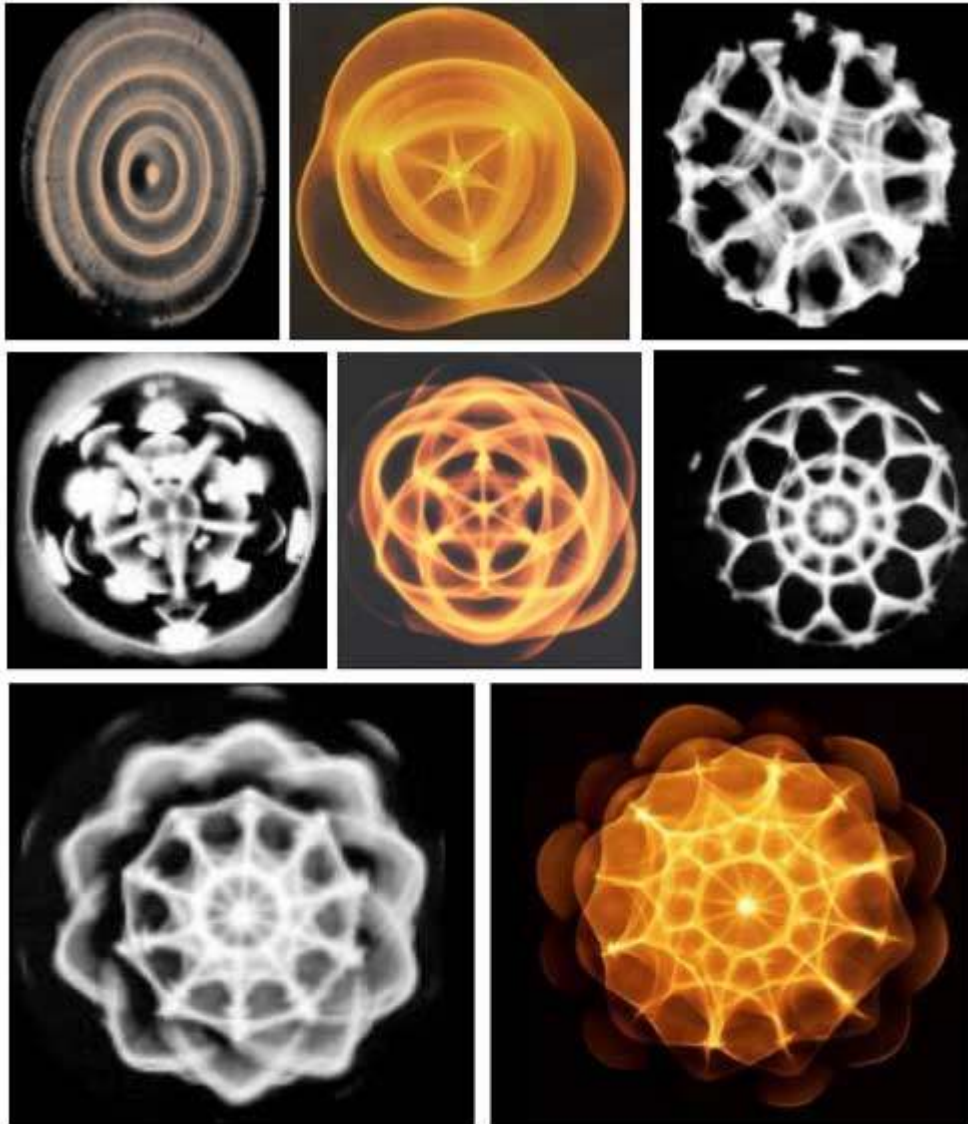
Johann Gielis's homepage

<http://www.geniaal.be/html/fs004technology.htm>

"...symbolism has... the virtue of containing within a few conventional lines the thought of the ages and the dreams of the race. It kindles our imagination and leads us into a realm of wordless thought..." [Lin Yutang]

#### JUNKIE PAGANS MAPPED THE UNIFIED FIELD 5000 YEARS AGO

Old Indian diagrams of Chakras and Yantra-Mandalas are strikingly similar to the geometry of sound. The Indians understood quantum physics; that the body and the Universe is a cloud of vibrating energy, and that the secret of health and happiness is to keep these layers of energy in tune.

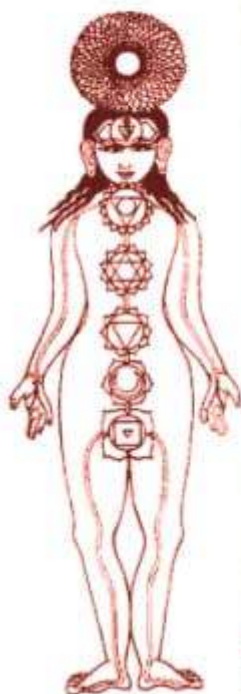
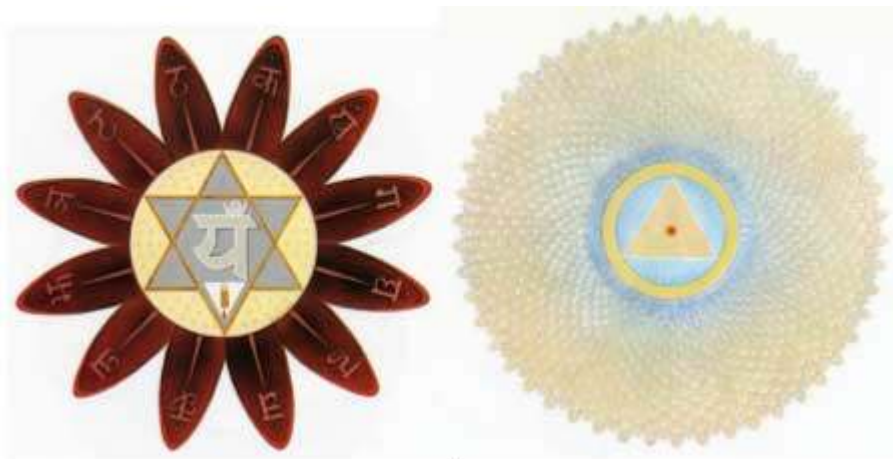


Low frequency sounds produce circles as the frequency increases sound patterns are more intricate and complex.  
With kind permission from Photo/copyright: Alexander Lauterwasser, homepage:  
[www.wasserklangbilder.de](http://www.wasserklangbilder.de)



Bindu is the Hindu description of the first energy; followed by Chakra and Yantra-Mandala pictures.





Diagrams of the Chakra system and the Hindu Mandala, known as Yantra esoteric structures.



The earliest representation of Buddha was by his footprint, which seems to contain many interesting esoteric symbols that are redolent of cymatic pattern.

Once considered a primitive pagan religion, Hinduism displays a subtle prescience of quantum theory. Current science seems a palimpsest[1] of more confounding Vedic truths. Quantum Mechanics and the immense space within atomic structure confirm reality is holographic; if a marble represented a hydrogen nucleus, the electron orbiting it is two miles away; objects we consider solid are overwhelmingly nothingness [i], reality is an illusion [ii]. Matter is composed of negligible bits! Yet space is packed with a plethora of potential. I found this concept although scientifically logical, impossible to conceptualise until I read David Bohm's vision of the holographic universe.

[1] Palimpsest (as in "manuscript") n. : a manuscript (usually written on papyrus or parchment) on which more than one text has been written with the earlier writing incompletely erased and still visible

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[i] What is meant with non-inherent existence? Is this to say that the cup does not ultimately exist? - Not quite. - The cup exists, but like everything in this world, its existence depends on other phenomena. There is nothing in a cup that is inherent to that specific cup or to cups in general. Properties such as being hollow, spherical, cylindrical, or leak-proof are not intrinsic to cups. Other objects which are not cups have similar properties, as for example vases and glasses. The cup's properties and components are neither cups themselves nor do they imply cupness on their own. The material is not the cup. The shape is not the cup. The function is not the cup. Only all these aspects together make up the cup. Hence, we can say that for an object to be a cup we require a collection of specific conditions to exist. It depends on the combination of function, use, shape, base material, and the cup's other aspects. Only if all these conditions exist simultaneously does the mind impute cupness to the object. If one condition ceases to exist, for instance, if the cup's shape is altered by breaking it, the cup forfeits some or all of its cupness, because the object's function, its shape, as well as the imputation of cupness through perception is disrupted. The cup's existence thus depends on external circumstances. Its physical essence remains elusive. Those readers who are familiar with the theory of ideas of the Greek philosopher Plato will

notice that this is pretty much the antithesis to Plato's idealism. Plato holds that there is an ideal essence of everything, e.g. cups, tables, houses, humans, and so on. Perhaps we can give Plato some credit by assuming that the essence of cups ultimately exists in the realm of mind. After all, it is the mind that perceives properties of an object and imputes cupness onto one object and tableness onto another. It is the mind that thinks "cup" and "table". Does it follow that the mind is responsible for the existence of these objects? - Apparently, the mind does not perceive cups and tables if there is no visual and tactile sensation. And, there cannot be visual and tactile sensation if there is no physical object. The perception thus depends on the presence of sensations, which in turn relies on the presence of the physical object. This is to say that the cup's essence is not in the mind. It is neither to be found in the physical object. Obviously, its essence is neither physical nor mental. It cannot be found in the world, not in the mind, and certainly not in any heavenly realm, as Plato imagined. We must conclude that the objects of perception have therefore no inherent existence.

If this is the case for a simple object, such as a cup, then it must also apply to compound things, such as cars, houses, machines, etc. A car, for example, needs a motor, wheels, axles, gears, and many other things to work. Perhaps we should consider the difference between man-made objects, such as cups, and natural phenomena, such as earth, plants, animals, and human beings. One may argue that lack of inherent existence of objects does not imply the same for natural phenomena and beings. In case of a human being, there is a body, a mind, a character, a history of actions, habits, behaviour, and other things we can draw upon to describe a person. We can even divide these characteristics further into more fundamental properties. For example, we can analyse the mind and see that there are sensations, cognition, feelings, ideas. Or, we can analyse the brain and find that there are neurons, axons, synapses, and neurotransmitters. However, none of these constituents describe the essence of the person, the mind, or the brain. Again, the essence remains elusive. Available at <http://www.thebigview.com/buddhism/emptiness.html>

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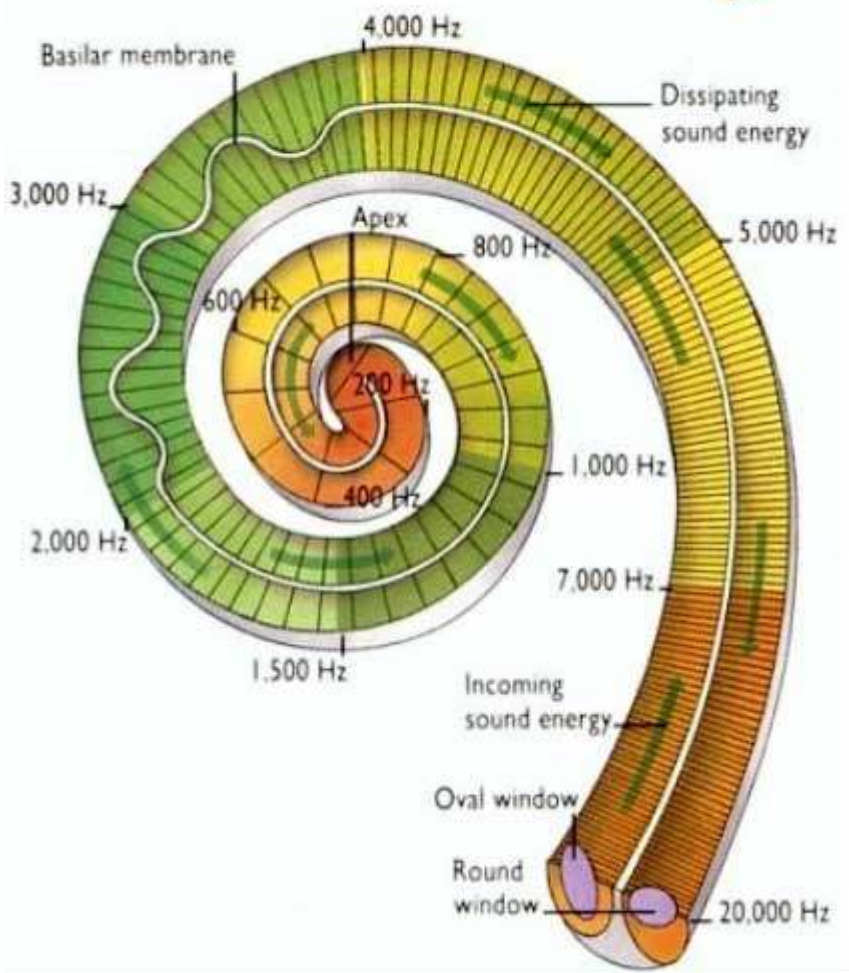
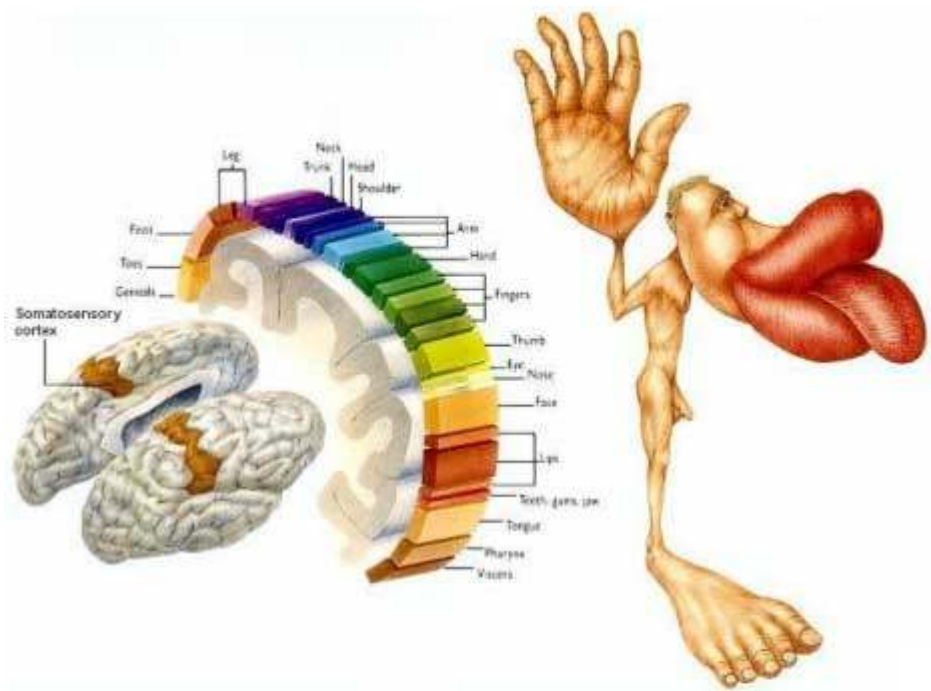
[ii] George Berkeley discovered the "amazing truth... that nothing properly but... conscious things do exist". In modern terms, George Berkeley's doctrine of Immaterialism would support the notion that the Universe is a virtual reality. This notion can be found as far back as the ancient Greek philosopher Pyrrho of Elis (360?-275? BC) and in the eastern philosophical tradition, this notion that the external world is illusionary, mere 'name and form', is a dominant theme of the Hindu Upanishads dating back about 3,000 years BC. Available at <http://www.spiritualgenome.com/berkeley.htm>

"One day it will have to be officially admitted that what we christened reality is an even greater illusion than the world of dreams". [Dali]

If you visualise quantum reality as a cloud of undulating glitter, each particle is a holographic film transparency, which contains all of the information needed to visualise the material world from that particular angle. This vision in combination with an understanding of how our senses [i] synthesise reality by only processing 20 conscious moments [ii] per second out of a possible 20,000, you can begin to understand how reality may not be how it so virulently appears. Hindu [iii] and Buddhist [iv] texts sit easily in the baffling arena of quantum thought. The illusiveness of material reality is the focus of the Upanishads[v]c.3, 000BCE.

[i] Not all the body parts receive the same attention of the brain. The relative importance is often represented by mapping over the length of the sensory or motor cortex. These cortical maps (Figure 22b) are not drawn to scale; instead they are variously distorted to reflect the amount the neural processing power devoted to different regions. This accounts for the grotesque appearance of the human body in the homunculus, which is a translation of the body's sensory map into the human form.





Available at <http://universe-review.ca/R10-16-ANS.htm>

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[ii] That reality is an illusion constructed by our limited and inaccurate senses is a theme beautifully considered by Marshall McLuhan in the Gutenberg Conspiracy. Penny Lee explains in a passage entitled 'The biological segmentation of reality', Penny Lee in "The Whorf Theory Complex" quotes Bertalanffy: 'from that great cake of reality, every living organism cuts a slice, which it can perceive and to which it can react owing to its psycho-physical organization, that is, the structure of its receptor and effector organs', and further: 'any organism so to speak, cuts out from the multiplicity of surrounding objects [and actions!] a small number of characteristics to which it reacts and whose ensemble forms its "ambient". All the rest is non-existent for that particular organism. Every animal is surrounded, as by a soap bubble, by its specific ambient, replenished by those characteristics, which are amenable to it. If, reconstructing an animal's ambient, we enter the soap bubble, the world is profoundly changed. Many characteristics disappear, others arise and a completely new world is found.' [iii] Einstein Meets the Vedas: Parallel Sayings in Science and Spirituality Comparing wisdom from scientists and great religious leaders. Edited by Thomas McFarlane

Top of Form

A mathematical truth is timeless, it does not come into being when we discover it. Yet its discovery is a very real event.

Erwin Schrödinger

Realization is nothing to be gained afresh; it is already there. All that is necessary is to get rid of the thought 'I have not realized'.

Sri Ramana Maharshi

If we ask, for instance, whether the position of the electron remains the same, we must say "no"; if we ask whether the position of the electron changes with time, we must say "no"; if we ask whether the electron is at rest, we must say "no"; if we ask whether it is in motion, we must say "no."

J. Robert Oppenheimer

He is far and he is near, He moves and he moves not.

The Bhagavad Gita

It is a primitive form of thought that things either exist or do not exist.

Sir Arthur Eddington

To say "it is" is to grasp for permanence. To say "it is not" is to adopt the view of nihilism. Therefore a wise person does not say "exists" or "does not exist."

Siddha Nagarjuna

The smallest units of matter are in fact not physical objects in the ordinary sense of the word; they

are forms.

Werner Heisenberg

All things-from Brahma the creator down to a single blade of grass-are the apparently diverse names and forms of the one Atman.

Shankara

There is no essential distinction between mass and energy. Energy has mass and mass represents energy. Instead of two conservation laws we have only one, that of mass-energy.

Albert Einstein

...Only an arbitrary distinction in thought divides form of substance from form of energy. Matter expresses itself eventually as a formulation of some unknown Force.

Sri Aurobindo

People like us, who believe in physics, know that the distinction between past, present and future is only a stubborn, persistent illusion.

Albert Einstein

The past, the future...are nothing but names, forms of thought, words of common usage, merely superficial realities.

T. R. V. Murti

The common words "space" and "time" refer to a structure of space and time that is actually an idealization and oversimplification.

Werner Heisenberg

There is nothing like an absolute time which remains as a reality apart from successive events. Time and space are derived notions, modes of reference.

K. Venkata Ramanan

What we perceive through the senses as empty space...is the ground for the existence of everything, including ourselves. The things that appear to our senses are derivative forms and their true meaning can be seen only when we consider the plenum, in which they are generated and sustained, and into which they must ultimately vanish.

David Bohm

Wherefrom do all these worlds come? They come from space. All beings arise from space, and into space they return: space is indeed their beginning, and space is their final end.

The Upanishads

Causality may be considered as a mode of perception by which we reduce our sense impressions to order. Niels Bohr

Time, space, and causation are like the glass through which the Absolute is seen.... In the Absolute there is neither time, space, nor causation.

Vivekananda

A theory is the more impressive the greater the simplicity of its premises is, the more different kinds of things it relates, and the more extended is its area of applicability.

Albert Einstein

As in science, so in metaphysical thought, that general and ultimate solution is likely to be the best which includes and accounts for all so that each truth of experience takes its place in the whole.

Sri Aurobindo

Available at [http://www.beliefnet.com/story/100/story\\_10011\\_1.html](http://www.beliefnet.com/story/100/story_10011_1.html)

[iv]

Physical concepts are free creations of the human mind, and are not, however it may seem, uniquely determined by the external world.

-Einstein

All such notions as causation, succession, atoms, primary elements...are all figments of the imagination and manifestations of the mind.

-Buddha

Time and again the passion for understanding has led to the illusion that man is able to comprehend the objective world rationally by pure thought without any empirical foundations—in short, by metaphysics.

-Einstein

By becoming attached to names and forms, not realising that they have no more basis than the activities of the mind itself, error rises...and the way to emancipation is blocked.

-Buddha

In our thinking...we attribute to this concept of the bodily object a significance, which is to high degree independent of the sense impression which originally gives rise to it. This is what we mean when we attribute to the bodily object "a real existence." ...By means of such concepts and mental relations between them, we are able to orient ourselves in the labyrinth of sense impressions. These notions and relations...appear to us as stronger and more unalterable than the individual sense experience itself, the character of which as anything other than the result of an illusion or hallucination is never completely guaranteed.

-Einstein

I teach that the multitudinousness of objects have no reality in themselves but are only seen of the mind and, therefore, are of the nature of maya and a dream. ...It is true that in one sense they are seen and discriminated by the senses as individualized objects; but in another sense, because of the absence of any characteristic marks of self-nature, they are not seen but are only imagined. In one sense they are graspable, but in another sense, they are not graspable.

-Buddha

According to general relativity, the concept of space detached from any physical content does not exist.

-Einstein

If there is only empty space, with no suns nor planets in it, then space loses its substantiality.

-Buddha

Physical concepts are free creations of the human mind, and are not, however it may seem, uniquely determined by the external world.

-Einstein

All such notions as causation, succession, atoms, primary elements...are all figments of the imagination and manifestations of the mind.

-Buddha

Available at <http://www.integralscience.org/einsteinbuddha/>

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[v] Einstein Meets the Vedas: Parallel Sayings in Science and Spirituality Comparing wisdom from scientists and great religious leaders. Edited by Thomas McFarlane

Available at [http://www.beliefnet.com/story/100/story\\_10011\\_1.html](http://www.beliefnet.com/story/100/story_10011_1.html)

Available at <http://www.integralscience.org/einsteinbuddha/>

A mathematical truth is timeless, it does not come into being when we discover it. Yet its discovery is a very real event.

Erwin Schrödinger

Realization is nothing to be gained afresh; it is already there. All that is necessary is to get rid of the thought 'I have not realized'.

Sri Ramana Maharshi

Physical concepts are free creations of the human mind, and are not, however it may seem, uniquely determined by the external world.

Einstein

All such notions as causation, succession, atoms, primary elements...are all figments of the imagination and manifestations of the mind.

Buddha

Continue to Part 4 >>

Cosmic Blueprints: [Part 1](#) | [Part 2](#) | [Part 3](#) | [Part 4](#) | [Part 5](#)

Send your feedback to Christine Sterne:

[asherah66@gmail.com](mailto:asherah66@gmail.com)

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Science Mysteries

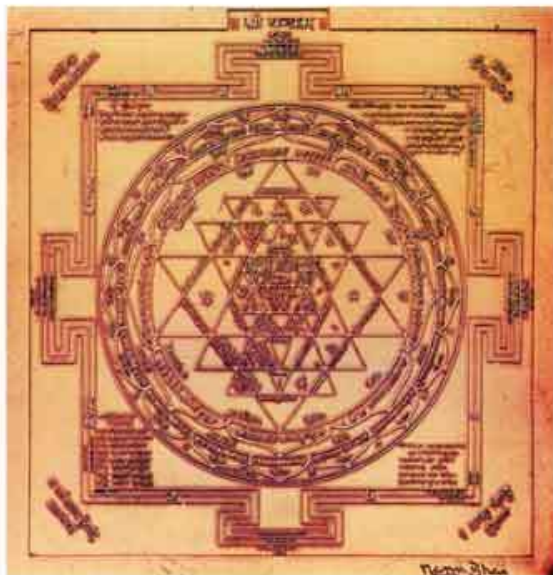
BLUEPRINTS OF THE COSMOS - Page 4

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The Sri-Yantra-Mandala is the image of the OM mantra, the primordial Hindu sound of creation. When OM is intoned into a tonoscope, it first produces a circle. As the tone is completed, the circle is filled sequentially with concentric squares, triangles and finally, as the "mmm" dies away, the Sri Yantra [i].





[j] How do Yantras work? ?At the basis of yantra operation is something called "shape energy" or "form energy". The idea is that every shape emits a very specific frequency and energy pattern. Examples of old believes in shape energy are the yantras and mandalas of eastern philosophies, the star of David, the five pointed star (pentagon), the Christian cross, the pyramids and so on. Certain 'powers' are ascribed to the various shapes.

When one focuses on a yantra, his mind is atomatically "tuned in" by resonance into the specific form energy of that yantra. The process of resonance is then maintained and amplified. The yantra acts only as a "tune in" mechanism or a doorway. The subtle energy does not come from the yantra itself, but from the macrocosm.

Basically yantras are secret keys for establishing resonance with the benefic energies of the macrocosm. Very often the yantras can put us in contact with extremely elevated energies and entities, being of invaluable help on the spiritual path. Available at <http://sivasakti.com/articles/intro-yantra.html>

Om sounded in a tonoscope [© Madhu Khanna] - top row

3D Sri Yantra (middle row)

Sri yantra mandala (bottom row)

It is stunning how similar cymatic sound pattern is to the yantra, the Star of David at the centre is surrounded by lotus petals, spookily similar to the geometry of the yantra.

Chakra Centres





Cymatic Light Picture

Traditional Yantra

With kind permission from Photo/copyright:

Alexander Lauterwasser, homepage: [www.wasserklangbilder.de](http://www.wasserklangbilder.de)

In Sanskrit, 'YANTRA' means machine or absorber of cosmic energy, Yantra resonate with our solar system, a tuning fork connecting to universal consciousness. Vedic scholars understood the symbiotic relationship of wave energy; that sound vibrations ARE geometry [i]. The entrainment phenomenon, where weak pulsations are engulfed by stronger ones, would create the frequency of OM within the mantra-chanting devotee. The Hindus knew the transubstantiating [1] ability of sound [ii] and geometry.

[1] Transubstantiate To change (one substance) into another; transmute.

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[i] The practice of worshipping symbolical diagrams (yantras, cakras) of the tantra has also been traced to the Vedas (e.g. Atharvaveda, Taittiriya Aranyaka). Available at <http://ccbs.ntu.edu.tw/FULLTEXT/JR-ENG/chak.htm>

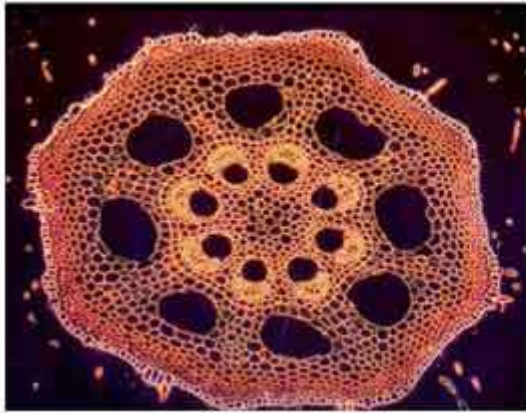
Shamasastri, R. (1929) Kautilya'S Arthasastra Arthaçastra - Arthashastra Wesleyan Mission Press. [ii] The importance of sound as a divine messenger and force is highly valued in Kabbalah, Buddhist and Hindu texts Vedic knowledge hangs in the atmosphere as a sort of ether exuded by the gods; the truth needs only to be grasped by enlightened disciples whose heightened senses allow them to perceive it. This is why the most sacred Vedas are called sruti—they have been heard by holy men. Hence the description of Vedas as sound vibration in the air: [Krishna] personally establish the Vedic sound vibration in the form of omkara within all living entities. It is thus perceived subtly, just like a single strand of fiber on a lotus stalk. Just as a spider brings forth from its heart its web and emits it through its mouth, the Supreme Personality of Godhead manifests Himself as the reverberating primeval vital air, comprising all sacred Vedic meters and full of transcendental pleasure (Bhagavata-Purana 11.21.38-39).

Available at <http://www.apologeticspress.org/articles/2580>



3D Sri Yantra and Kuma Meru Yantra  
(top row)





Sri yantra, Kashmir c.C12th-15th :: Yantra Nepal, C19 :: Yantra Nepal C18 (bottom row)

Vowel A in Sand

Vibrations, Pulsations, Waves, Oscillations

# SOLFEGGIO SCALE

The Current Modified Solfeggio

1. Do - queant laxis
2. Re - sonare fibris
3. Mi - ra gestorum
4. Fa - muli tuorum
5. Sol - ve polluti
6. La - biireatum
7. TI - Sancto Iohannes

(From Page 177 of "Healing Codes for the Biological Apocalypse": Fig 5.6):

The Secret Solfeggio Frequencies: Sound Vibration Rates for Creation and Destruction:

1. Ut = 396 = 9

2. Re = 417 = 3

3. Mi = 528 = 6

4. Fa = 639 = 9

5. Sol = 741 = 3

6. La = 852 = 6

(From Pages 166 & 167):

Definitions of Tones in the Latin Solfeggio Including "Hidden Entries" From Webster's Dictionary

Note 1: There are typos on this page. Most of them come from the book, as I typed it exactly as in the book, as best as I was able.

Note 2: Emphasis added by italics in each definition denotes special relevance to the book.

UT-quent laxis

1. a syllable used for the first note in the diatonic scale in an early solminzation system and later replaced by do. 2. the syllable sung to this note in a medieval hymn to St. John the Baptist. <Gk. - Gamut- 1. the entire scale or range; the Gamut of dramatic emotion from grief to joy. 2. the whole series of recognized musical notes [1425-75]; late ME (Middle English)><ML (Medieval Latin)- contraction, of Gamma, used to represent the first lowest tone of (G) in the Medieval Scale Ut, Re, Mi, Fa, So, La, Si. <Gk - Gamma- 1. the third letter of the Greek alphabet. 2. the third in a series of items. 3. a star that is usually the third brightest in a constellation. 4. a unit of weight equal to



one microgram. 5. a unit of magnetic field strength equal to 10 to the fifth power gauss. (quint: needing), (laxis: loose; axis-an affiliation of two or more nations. Also Axis Powers.)

#### RE-sonare fibris (Res-o-nance)

1 a: the state of quality of being resonant. b(1) a vibration of large amplitude in a mechanical or electrical system caused by a relatively small periodic stimulus of the same or nearly the same period as the natural vibration period of the system 2. the prolongation of sound by reflection; reverberation. 3a. Amplification of a source of speech sounds, esp. of phonation, by sympathetic vibration of the air, eesp. in the cavities of the mouth, nose and pharynx. b. a characteristic quality of a particular voice speech sound imparted by the distribution of amplitudes among the cavities of the head, chest, and throat. 4a. a larger than normal vibration produced in response to a stimulus whose frequency is close to the natural frequency of the vibrating system, as an electrical circuit, in which a value much larger than average is maintained for a given frequency. 5a. a quality of enriched significance, profundity, or allusiveness; a poem has a resonance beyond its surface meaning. 6. the chemical phenomenon in which the arrangements of the valance electrons of a molecule changes back and forth between two or more states. (in percussing for diagnostic purposes) a sound produced when air is present [1485-95]; <MF (Middle French), <L Resonantia, Echo=Reson (are) to resound + Antia-ance. (Re-a prefix, occurring orig. in loan words from Latin, use to form verbs denoting action in a backward direction, Action in answer to or intended to undo a situation, or that performance of the new action brings back an earlier state of affairs. (fibris: fibre string, vocal cord.)

#### MI-ra gestorum (Miracle)

1. an extraordinary occurrence that surpasses all known human powers or natural forces and is ascribed to a divine or supernatural cause esp. to God. 2. a superb or surpassing example of something; wonder, marvel {1125-75}, ME<L Miraculum=Mira(Ri) to wonder at. fr (French): sighting, aiming to hold against the light. (gestorum: gesture; movements to express thought, emotion, any action, communication, etc. intended for effect.)

#### FA-muli tuorum (Famuls.)

... plural Famuli, 1a. servant/s, or attendant/s, esp. of a scholar or a magician [1830 - 40<L (Latin), servant, of family. (Tourum - quorum - 1. the number of members of a group required to be present to transact business or carry out an activity legally. usu. a majority. 2. a particularly chosen group. [1425-75;<L quorum of whom; from a use of the word in commissions written in Latin specifying a quorum.)

#### SO-ive polluti (So-ive')

1. to find the answer or explanation for; clear-up; explain; to solve a mystery or puzzle, to work out the answer or solution to (a mathematical problem.) [1400-50, Late ME<L Solvere to loosen, release dissolve=so-var, after velarl, of se-set-luere to wash; (see Ablution.) Ablution n. 1. a cleansing with water or other liquid, esp. as a religious ritual. [1350-1400]. (Pollutii-pollute-luted, 1. to make foul or unclean,)

#### LA-bii reatum (Labi-al)

1. of pertaining to or resembling a Labium. 2. of pertaining to the lips, 3. (of a speech sound) articulated using one of both lips. 4. of or designating the surface of a tooth facing the lips. 5. the labial speech sound, esp. consonant, [1585-95]; ML lingual. (reatum - reaction - 1. a reverse movement or tendency; an action in a reverse direction or manner. 2. a movement toward extreme political conservatism; 3. a desire to return to an earlier system or order. 3. action in response to some influence, event etc.; 4. a physiological response to an action or condition. b. a physiological change indicating sensitivity to a foreign matter.) 6. mech. the instantaneous response of a system to an applied force, manifested as the exertion of a force equal in magnitude, but opposite in direction, to the applied force [1635-45].

#### SI (Sancte Johannes)

1. a person of exceptional holiness, formally recognized by the Christian Church esp. by Canonization. 2. a person of great virtue or benevolence. 3. a founder or patron, as of a movement. 4. a member of any various Christian groups. 5. to acknowledge as a Saint. Canonize [1150-1200]; ME Seinte. Canon: 1. an ecclesiastical rule or law enacted by a council or other competent authority and, in the Roman Catholic Church, approved by the Pope. 3. a body of rules, principles, or standards accepted as axiomatic and universally binding, esp. in a field of study of art. 6. any officially recognized set of sacred books. 10. the part of the mass between Sanctus and the communion. 11. consistent, note-for-note imitation of one melodic line by another, in which the second line starts after the first. (axiomatic). 1. pertaining to or of the nature of an axiom; self-evident. 2. a universally accepted principle or rule. 3. a proposition in logic or mathematics that is assumed without proof for the sake of studying consequences that follow from it.

Reference: "Healing Codes for the Biological Apocalypse" by Dr Len Horowitz

#### HEALING CODES FOR THE BIOLOGICAL APOCALYPSE by: Len Horowitz, DMD, MA, MPH

#### HEALING CODES: THE BIBLE CODES

In Second Corinthians, Paul tells you about the meaning of sounds and tones, which relate intimately to sacred knowledge. This sacred knowledge was used by God for creation, destruction and miracles, and is portrayed through sound and words. In Genesis, we are told that in the beginning God created everything from the Word. Many Judeo-Christians say that God is the Word. What is Word? Sound. What is sound? It is electromagnetic frequencies: mathematics and

physics. There is a resonance, an electromagnetic frequency, when you say God's name, which is not Yahweh. The letter w came with the Greeks. It is not even Jehovah. There is one place in the Bible where God tells Moses at the burning bush, "My name is Yod-He-Vau-He". The tetragrammaton. YHWH or JHVH. It is pronounced Jahvah. There were no vowels. My favourite Bible is the Complete Jewish Bible. It is a direct translation from Hebrew to English.

## THE ALPHA-NUMERIC CODES

Dr. Joseph Puleo (co-author of Healing Codes) has a very blessed close friend that he calls Jeshua. One day he was driving home from work when on the windshield of his car, suddenly, he saw some numbers. There is a verse in the Bible which says that in the end times the elderly will dream dreams, have visions and the young will prophesy. Joey wrote down these numbers and spent about three weeks researching them and concluded that **these numbers represented the ancient hidden Pythagorean mathematics which was taught in a mathematical mystery school composed of highly spiritually evolved people who studied math, the essence of spirit.** They knew that there was a sacredness to this knowledge and they kept it secret. **Joey realized that he had rediscovered a major component of the Pythagorean mathematics, which led him to the Bible codes that we reveal in the book Healing Codes for the Biological Apocalypse.**

In Pythagorean math, you have the numbers one through nine. There are no other numbers. Ten is actually one plus zero. Therefore there are only nine diseases and only nine cures. There is only nine of everything. Joey began to realize that the numbers one through nine were related to the English language. So he matched the numbers to the alphabet going from A-Z, from one to nine. Then he added up different words such as the word God, G-O-D, and it came out to an 8. The sign for infinity. He said, "That's interesting. Other words that relate to this number 8 are faith and trust. The Bible tells you that God never adds or subtracts. He multiplies. So if you take the multiples of 8, then add the integers together, you get:  $1 \times 8 = 8$ .  $2 \times 8 = 16$ , and  $1 + 6 = 7$ .  $3 \times 8 = 24$ , and  $2 + 4 = 6$ , and so on. Suddenly you see a pattern developing: 8,7,6,5,4,3,2,1,9,8,7,6,5,4,3,2,1,9,8,7,6,5,4,3,2,1,9,8,7,6,5,4,3,2,1, which is the English alphabet backwards. **If you talk to people who are familiar with the study of language, they say that the only sacred, spiritual languages are Hebrew and Sanskrit. Yet Joey found that mathematically, there was a relationship between those ancient languages and English, but backwards, interestingly enough.**

**The Anglo-Saxons understood these codes and the Pythagorean math in the 1400s and created the English language for the masses using this sacred knowledge based on a code so that when you speak English, you are speaking a sacred language backwards. Therefore, instead of communicating in a vibratory essence, when we speak English, we actually have a block in communicating to the hearts of each other and to the spiritual essence of God. An electromagnetic frequency block occurs.**

## TESTING THE CODES

In Death in the Air, I explain that the Illuminati used specifically the 6's column for all their codes, or most of their codes, for the highest levels of the Illuminati, the top secret agents. And you will begin to see how MI6's frequency 66 is like that of the Gestapo SS, 66 and how Exxon Corporation 66 and how Maxxam Corporation which is responsible for the chemtrails and the aluminum oxide spray is 66. Suddenly now we are empowered with their codes. You can test that code mathematically. You can do correlational frequencies between names like Kissinger and Rockefeller and vaccination and genocide. Suddenly you realize that there are correlation coefficients associated with these relationships that make it virtually impossible for it to be just by chance.

Revelation 13:18 says, "Herein lies the wisdom. Here is the wisdom that those who understand let them count the number of the beast, for it is the number of a person or a man and his number is

666". It says that those who understand, who have the knowledge, the sacred missing arcana can now be empowered to count. You have got the codes, the wisdom required to count the number of the beast to identify the beast and to give you a little hint, God said, "And it is also the name of a person". Alphanumerics. "Count it," God says, because the number comes out to 666. I have tried probably three dozen names that I thought were associated with this conspiracy.

### **CYMATICS: THE MANIFESTATION OF SOUND WAVES IN MATTER**

Joey studied Stan Tenen's work, which describes the field of Cymatics. Hans Jenny, a Swiss physician and researcher, author of *The Structure and Dynamics of Waves and Vibrations*, pioneered a field called Cymatics, which studies various structures like soapy water vibrated by sound which results in formations resembling solar systems, pyramidal-type structures, hexagonal ring structures, etc., depending on the sound vibration. Cymatics is the study of the relationship between sound, frequency, vibration and the manifestation of physical matter - creationism, planetary solar systems being created by the voice, the sound, the Word of God. For example, **when you sing the letters of the Hebrew alphabet on a voice monitor which relays the frequencies and vibrates a plate containing metal filings or sand, the sand vibrates into the shape of those letters. Singing or speaking Aleph, Beth, Daleth will cause the frequency patterns of those letters to form on the plate. So Hebrew was determined to be a spiritually perfect language.**

### **CLUSTERED WATER**

**The field of Cymatics can reveal to you the shapes of clustered water which are very similar to what pure, pristine water actually looks like. Noah and the people before him lived to ages way beyond what we are living today. They lived to be 700 to 800 years of age because of the oxygen level in the air (which was approximately 36% under a heightened magnetic field) and the pristine water that they drank. That DNA double-stranded helix can only maintain its electromagnetic potential and transmission capabilities when it is surrounded by pure, pristine water, which is composed of hexagonal-shaped ring structures. This forms the supportive matrix of the DNA. Revelation prophesies that the great healing in the end times will be associated with crystal clear water that will once again flow through the rivers and streams (which it says, are the people). This is the water for the healing of the nations.**

### **DNA IS A MESSENGER**

Three of the five top Nobel Prizewinners in the field of medicine this decade have concluded that your DNA is not merely a blueprint for life. **They stated that 93% of the primary function of your DNA is phonon emissions for intercellular communications. Photons are light parcels. Phonons are sound parcels. Your DNA is really a little antenna vibrating to God, at every second beaming you with love.** The scientists call it cellular upregulation. The electromagnetic frequencies upregulate to the manifestation of the physical form. That means that if you have cancer, you can eliminate it by remaining in the Holy Spirit of that divine love. Three percent of your DNA is connected with your physical manifestation. That is a function of DNA, but it was vibrated through love to your unique self-expression.

### **THE NOTES OF THE SOLFEGGIO SCALE**

Joey realized that sound, music, language and spirituality were intimately connected. He began to search for the Hymn to St. John the Baptist. Willi Apel called this the most profoundly spiritually uplifting hymn of all the ages, which unfortunately along with about 152 Gregorian chants were somehow lost or suppressed forever. He searched in the Bible, through the Songs of Degrees, Psalms 120 through 134, the Songs of Degrees of David, Songs of Degrees of Solomon, and in that area of the Bible he found that there are extraordinary musical implications. There are

stanzas laid out in patterns. He was looking for six specific notes. Willi Apel said that the Hymn to St. John the Baptist was sung to six specific notes, and each note was one full tone higher than the note before it. **So Joey prayed to Jeshua to give him the notes, and ultimately he was directed into Numbers 7:12-83, wherein he saw a repeating series of codes using the Pythagorean math that I just mentioned.**

This is a true story that Joey told me. He was sleeping one night, and suddenly beautiful blessed Jeshua came, standing there next to a huge angel holding a Bible and there was haze all over the Bible. Jeshua was smiling, and he said, "I want to give you what you asked me for, brother, but you have to answer some questions, first." So he asked a couple of simple questions. Joey answered and every time he answered a question correctly, Jeshua would smile and a little bit of the fog over the Bible would dissipate and he would be able to see the place in the Bible they were talking about. They were directing him. Finally, after the last question, Jeshua directed Joey to **Numbers 7:12. He read, "And he that offered his offering the first day was Nahshon the son of an Amminadab of the tribe of Judah". If you count six verses down from there, it begins, "On the second day". Six verses down from there it begins, "On the third day" Six verses down from there beings, "On the fourth day." When Joey did the Pythagorean math, reducing the multiple digit integers to the single digit integer, he saw the multiples 3,9,6, 3,9,6, 3,9,6, which is Hertz, which is cycles per second, which was the first note of the ancient musical Solfeggio scale.**

Joey reflected on the brilliant work of Nicola Tesla, who is the greatest genius of the 20th Century, not Einstein, but Tesla. Tesla studied electromagnetics and electrophysics. He created free energy (this was suppressed by the Rockefeller and Royal Family cartel). The students of Tesla, Royal Raymond Rife and John Keely were aware of the power of 3, 6 and 9. Joey took the multiples of these three numbers. The multiples of 3 always gave the pattern 369, and the multiples of 6 gave 639. The multiples of 9 always came out to 9 completion.

Numbers 7:13 says, "And his offering was one silver charger, the weight thereof was 130 shekels, one silver bowl of 70 shekels, after the shekel of the sanctuary; both of them were full of fine flour mingled with oil for a meat offering." **Just six verses down from this, verse 19 repeats. Six verses down from there it repeats again. Six verses down from there it repeats again, and six verses down, again. This is the most powerful code ever discovered thus far in the Bible, the code for God's ancient musical scale that God uses for creation and destruction and miracles.**

Why did He use the number six? The sixth number has always been a sacred number. Six was the number of days that God took to create the universe. Six was the number of days that the ancient Levite priests played their trumpets and blew specific tones around the city of Jericho. Don't forget it was the ancient Levite priests who inserted the verse numbers in the Bible 3,000 years ago. They translated the Torah into the Greek Septuagint. Originally the Torah had no verse numbers.

Joey translated the numbers into Pythagorean math. Verse 13 is  $1+3=4$ . Verse 19 is  $9+1=10$  or 1. Verse 16 is  $1+6=7$ . 417 was the code for the second note of the ancient musical scale. 417, 417, 417. The third note started on verse 14. It lays out the code. 5,2,8, 5,2,8, 5,2,8.

Once he had all six of the tones, Joey began a search for the words to the hymn itself. Directed by Jeshua, he went into the Apocrypha of all places. Christians are told that the Apocrypha is not a legitimate book of the Bible, but Webster's Dictionary tells you that the Protestant Apocrypha was considered a legitimate book of the Bible. It was removed from Bibles following the King James version. Originally the King James version contained it and then they pulled it. In it, he found the ancient Hymn to St. John the Baptist. The Solfeggio arose from a mediaeval hymn to John the Baptist in which the first six lines of the music commenced respectively on the first six successive notes of the scale.

Joey realized how they had manipulated, changed the tones since then. God's musical scale was originally nine notes but the most important notes were apparently six, at least for the Hymn to St. John the Baptist. Joey learned the notes of the original Solfeggio were Ut, Re, Mi, Fa, Sol, La.

Each note is exactly one degree higher than the preceding note, whole tones, not semitones. Ti (which came from Sl, Sancto Iohannes) belongs to the modified scale. Today we have Do, Re, Mi, Fa, Sol, La, Ti, Do, but this is not the original scale. We can thank the Roman Catholic Church for the additional deception. When you change a sacred six-note musical scale to seven notes, it changes its entire electromagnetic frequency and imbalances the entire thing.

#### THE DEFINITIONS OF THE TONES:

Ut queant laxis is the first note in the diatonic scale; a unit of magnetic field strength equal to 105 power gauss. The second note is Resonare fibris - a larger than normal vibration produced in response to a stimulus. The third note is Mira gestorum - Miracles in English. "An extraordinary occurrence ascribed to a divine or supernatural cause especially to God." The fourth note is Famuli tuorum defined as "the servants, or attendants, especially of a scholarly or magical nature." The 144,000 mentioned in Revelations currently being assembled by God are going to be assembled to the fifth note. The fifth note is Solve polluti, or solve the problem, "a cleansing with water or liquid especially as a religious ritual." Baptizing the world in the Holy Spirit, bringing communion between human spirit and God's. The last note, Labiireatum, the lips, pertaining to the lips, the labia. It is also defined out of Webster's as "a reverse movement or tendency, an action in a reverse direction". A desire to return to an earlier system or order. He creates all through sound. Sound is electromagnetic frequencies. That is mathematics and physics. And that is why prayer produces miracles.

#### THE RETURN TO GODLINESS

The direction this planet has been going on for millennia has not been worthy. We are going back. A movement toward extreme political conservatism. Personally, I don't know anybody more politically conservative than God. He conserves everything, including his love for humanity. God wants a New World Order, too. He just doesn't want to have it run by corporate fascists who steal free will from human beings, the free will that God bestowed on us to help determine our destinies. That is the greatest violation. Academically, I will agree with population reduction, but not when you steal what God gave people as their free will.

#### CODES IN WEBSTER'S DICTIONARY

**According to the encyclopedias, Noah Webster was intimately linked to the highest level Freemasons, and his dictionary was based upon the Bible. He knew that the Bible was encoded, so he encoded Webster's Dictionary as well. You can still see, for example, hidden entries in some dictionaries, and cross-references to hidden entries. If you read Healing Codes for the Biological Apocalypse, you will never read the Bible or Webster's Dictionary again in the same way. You will always be aware that there are codes and you will be looking for those codes.**

We are divine human beings. We are "holy children of God, created in the Father's image". Just as you, as good parents, want your children to be blessed and creative, and you take pride in their work, it is the same with the God of the Universe. He sent us to a school called Planet Earth and empowered us to be creative, successful, loving, healthy and happy in our lives.

Len Horowitz's books *Emerging Viruses: AIDS & Ebola*, *Healing Codes for the Biological Apocalypse* and *Death in the Air: Globalism, Terrorism and Toxic Warfare* are available at Consumer Health Organization. The tape *Horowitz on Vaccines*, an excellent expose on vaccinations, is also available at Consumer Health Organization. Please call 416-924-9800 for more information You may contact Len Horowitz at: 1-888-508-4787; Website [www.tetrahedron.org](http://www.tetrahedron.org)



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The Use of Tonal Frequencies to Enhance, Heal, & Rejuvenate by Philip Ledoux

In Healing Codes for the Biological apocalypse Dr. Leonard G. Horowitz and Dr. Joseph S. Puleo published the Secret Solfeggio Frequencies. Basically it is the "Doe, Rae, Mi, Fa, So, La, Ti, Doe" diatonic scale which we all learn in the first few grades of school.

Over time, the pitch of this diatonic scale has changed and somehow Horowitz and Puleo found the original pitch frequencies.

In the Solfeggio, "Ti" is missing and what we call "Doe" was known as "Ut". Here are the original pitch frequencies of these six notes:

1. Ut = 396Hz which reduces to 9 [reducing numbers:  $3+9 = 12 = 1 + 2 = 3$  ;  $3+ 6 = 9$ ]
2. Re = 417Hz which reduces to 3
3. Mi = 528Hz which reduces to 6
4. Fa = 639Hz which reduces to 9
5. Sol = 741Hz which reduces to 3
6. La = 852Hz which reduces to 6

They also state that Mi is for "Miracles" or 528Hz - is the exact frequency used by genetic engineers throughout the world to repair DNA.

Another interesting tidbit that the authors included as a musical scale with words, from the work of John Keely; where Keely related the hues (not pigment colors) of light related to musical notes. On the "G-Clef" with "C" being the first line below the staff and continuing up the scale and up the staff:

- \* C = Red = Tonic
- \* D = Orange = Super Tonic
- \* E = Yellow = Mediant
- \* F = Green = Sub Dominant
- \* G = Blue = Dominant
- \* A = Indigo = Super Dominant, Sub Mediant
- \* B = Violet = Leading Tone, Sub Tonic
- \* C = Red = Octave

Also included with this chart was another from the Dinshah Health Society:

- \* Red = 397.3Hz Closest Note: G = 392Hz
- \* Orange = 430.8 Closest Note: A = 440
- \* Yellow = 464.4 Closest Note: A# = 466
- \* Lemon = 497.9 Closest Note: B = 494
- \* Green = 431.5 Closest Note: C = 523
- \* Turquoise = 565.0 Closest Note: C# = 554
- \* Blue = 598.6 Closest Note: D = 587
- \* Indigo = 632.1 Closest Note: D# = 622

- \* Violet = 665.7 Closest Note: E = 659
- \* Purple = 565.0 (reverse polarity) Closest Note: A# and E = 562 (both reverse polarity)
- \* Magenta = 531.5 (reverse polarity) Closest Note: G and E = 525 (both reverse polarity)
- \* Scarlet = 497.9 (reverse polarity) Closest Note: G# and D = 501 (both reverse polarity)

From [www.lightwithin.com](http://www.lightwithin.com) this additional information is gleaned:

The Six Solfeggio Frequencies include:

- \* UT - 396 Hz - Liberating Guilt and Fear
- \* RE - 417 Hz - Undoing Situations and Facilitating Change
- \* MI - 528 Hz - Transformation and Miracles (DNA Repair)
  - \* FA - 639 Hz - Connecting/Relationships
  - \* SOL - 741 Hz - Awakening Intuition
- \* LA - 852 Hz - Returning to Spiritual Order Larger print out of this graph