



# A NEW DAWN

Waking Up to The Electric Universe

## ABSTRACT

This book is a collection of exploration, discovery, and curiosity as seen through the eyes of an observer. Here is an attempt to present numerable and credible findings of daring and brave scientists, researchers, medical doctors, mathematicians, philosophers, historians, artists and searching souls, who boldly speak the truth of their discoveries, in a way that the reader may begin to see the cohesive threads that connect them all and openly ask the questions that come to mind. Current runs through everything, from the macro to the micro. This current is electromagnetism. It is present in every facet of our shared Universe and History. While I am eternally grateful to those whose time and findings are shared within this text, the views, opinions, questions, and ideas, unless otherwise expressed, are completely my own. My hope is that through open dialogue and informed research, we may build new structures of perception that will allow us to bridge the gaps between the fields of understanding.

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Love and Light

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31,175 words

A NEW DAWN:

Waking Up to The Electric Universe  
by

Heather Stargazer

*With the Editing Graces of  
Annis Scott, Jamie Thomas, and Loring Wirble*

*“Then I was fertilized and became wise;*

*I truly grew and thrived.*

*From a word to a word I was led to a word,*

*From a work to a work I was led to a work.”*

Ancient Norse Poem

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As an artist, I try to draw lines rather conclusions.

The lines have created this form.

Step back and tell me

What you see.

### **Chapter 0: The Traveler**



The starting point. I had to have been three or four years old. A childhood memory of riding in the car, maybe my first recallable thought, "Why doesn't the Moon move with the trees?" "How can everyone be moving in different directions at the same time completely unaware of what's going on in the lives and minds of the other people in the other cars?" "How can so many things be going on at once?" "How come the Moon keeps following me?" "How does it follow them too?" These thoughts repeated and compounded throughout my youngest years. I remember asking my mother, a middle school physical science teacher, over and over what kept us on Earth and how we could all be pulling it toward us at the same time. I remember arguing with her because gravity seemed much too

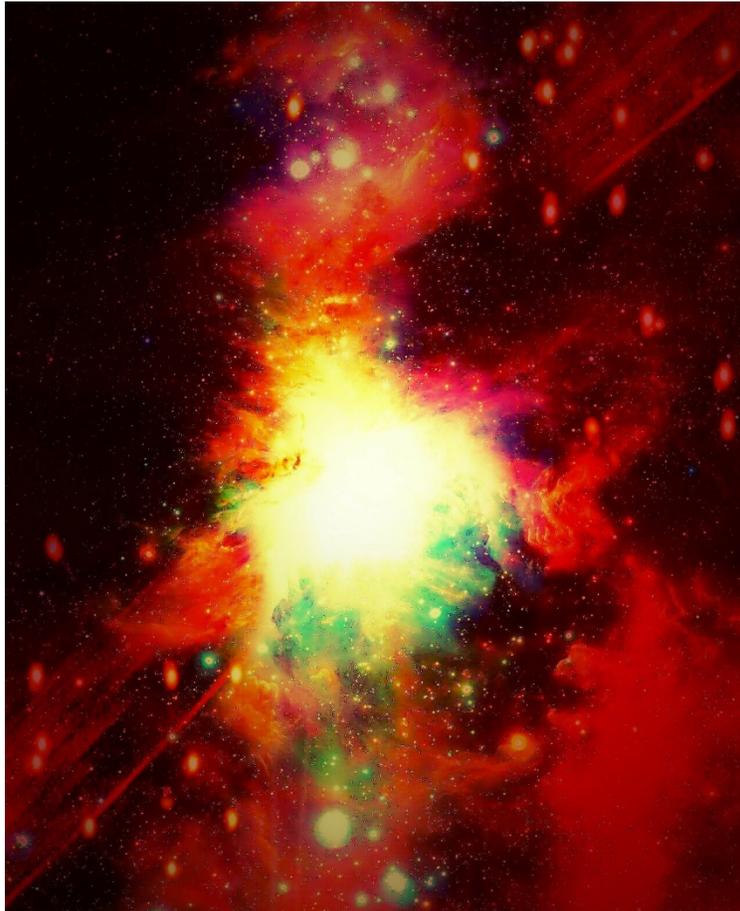
strong of a force for my tiny legs to contend with. She would bring us magnets and wires for experiments with lemons on snowy days when we couldn't go outside. We would stick the wires in the lemons and make the little diode light up and chase iron marbles around with the magnets. We'd play games pushing the like ends together sometimes pinching our fingers when the force would get too close and they'd flip around and snap. I would think about how people often acted in this way. I could feel it in those around me and myself. I would think, "Why do sad people make me tired?" "Why do angry people give me a stomach ache?" The answers I was given to the questions I asked were always weird to me and always left me with more questions. Something within everything was entirely different and wondrously the same. There was something more going on here than the surface façade of generalities and religious equations that were often handed to me.

I had to look all around me to find it. I had to realize that there were parts of my own story that I could not remember, only feel. Something, at some point, was too much. My developing brain became overloaded. I was reset. Searching the hazy mazes for years, I had to live several lives within this life and sit close to the edge, peer and dangle myself over it, explore the shadowed crevices of self and science and spirit to be able to see that we all suffer this malady. There are parts of it everywhere. I can see them fitting together. They only have to acknowledge that they're all parts to the same thing with different assignments in the function of the whole. They have to see one another. All of us, in different cars, conscious of the fact that everyone else in all the other cars are all connected and all going in the same direction. To do that, we have to accept that we have forgotten something of utmost and grave importance.

"Catastrophic amnesia. The Time We Forgot to Remember. That old right brain taking over looked like cavemen to the left side of logic. It was much too open. The logics hate the feeling of their feet dangling over the edge. This idea of embracing both sides of the self and accepting the natural reactions. The strength of the right protecting the inadequacies of the left when otherwise, normally

the left is in charge of keeping order. Compositionally speaking, this chaotic, holistic, everything is everywhere approach is called crystallographic balance. In science, it is an "experiment of determining the arrangement of atoms in crystalline solids". It is even more interesting because, as we know, the arrangement of lattice layering within crystals is what conducts the resonances of particular frequencies. If the vibration of an electromagnetic catastrophe changed the frequencies of the neuronal synapses it could be akin to giving the whole planet electroshock therapy. Those afflicted would definitely have been in an altered mental state. The synoptic response could have created pathways that would have not been there otherwise. There are common reactions among trauma victims. Some stay in this open receptive state, labeled "mentally ill". And some others have a neurological shut down and close pathways to protect the system. Others, somehow ride a bridge between the two sectors and can be equally receptive and logical. This state usually comes after some bit or, reorientation. This paper really gives some things to chew on. Thank you [Julian](#). I'll be thinking about it for a while. the past few days have been quite a validation and encouragement to just edit a bit more and go for it. I have another project I want to work on. 12-14-17 “

## Chapter 1: You Are Here



The drive up the mountain led through a craggy pass that opened into a broad valley with vertical walls only allowing the very top of the domed sky to be visible. Just as we crested the last hill, a flaming meteor soared over head in a flash that drowned out the Sun and implanted itself in the dust between trees.

It's been said, that such an event is a harbinger of great change; The Universe delivering messages and star stuff to our planet and Earthbound souls. I hadn't heard that yet. At the time, I was simply awestruck. So much so, I hiked up the hill and collected what I believed to be a piece of it. At that point, without making any connections to it being a relevant event, the changes did begin...

What is a comet? The school books and TV will tell us that comets are "dirty snowballs" that come hurling out of a bubble that encompasses our solar system called, The Oort Cloud, towards the center of the bubble marked by our Sun. Other comets come from a region called the Kuiper Belt and remain on a flat plane of orbit like the planets. Those "dirty snowballs" who come from the Oort cloud will be drawn in by the Sun's gravity and find themselves in an elongated elliptical orbit where they shoot way out into the solar system and back again to be whipped around again and again leaving a cloud of dust and gas in their wake. The temperature differences in respect to their orbit, speed, and proximity to the star as a heat source are what are said to create the comet's trademark tail(s) as these things cause the snow and ice to melt and dispense into space behind them.

We tell the kids....

*"The comets in the Kuiper Belt and the asteroids in the Asteroid Belt all circle the Sun on the same plane as the planets. Think of a spinning record. Just like a flat record, everything we have talked about in the Solar System so far spins on a flat disk, and in the same direction." .....*

*"Unlike the Kuiper Belt, the comets in the Oort Cloud circle the Sun in every direction. They do not stay on the flat disk. These objects break the rules of the Solar System and create a sphere of comets around the Sun."*

Harvested from [www.kidsastronomy.com](http://www.kidsastronomy.com)

This would be a simply awesome explanation if comets were that simple. ...

In 2012, many-a space enthusiast huddled around their computer monitors and instruments eagerly awaiting the arrival of what was said to be the comet-spectacular-event of the century. C/2012 S1 Comet Ison.

Comet Ison was a massive dirty snowball with a predicted trajectory that would have sailed it within 40 million miles of Earth. Close enough to view with the naked eye. We watched it for over a year with unbridled anticipation.

With so many eyes to the skies, it became evident quickly that this snowball had super powers. For months it came in and we watched it pass body after celestial body and as it would pass, they would react. Jupiter's moon, Europa was the canary in the coal mine and we all stood up to see if she'd sing. Surface eruptions were almost second to the way that little moon began to glow. And when Comet Ison swooshed within elbow distance of Mars, 6 million miles or so, our favorite red neighbor shined so bright you'd have thought he wanted to be the great star Ison was rushing toward. He puffed up his chest in his bright red suit and threw sparks like petaled flowers

at the comet's feet. Alas, his love was unrequited. Ison kept going. The whole event was caught live on YouTube by the big wigs and amateur space observers alike as the rest of us watched with our mouths agape wondering what this angry space yeti had in store for our puny little planet.

So, let me back up a bit... Comet Ison was said to be an Oort Cloud comet. Everything that orbits the Sun does so in an elliptical manner. Believe it or not, the Sun isn't actually in the center of the solar system. Because of this, the distance between the Sun and an object varies. When the object (planet, comet, satellite, etc.) is at its closest approach to the Sun, that distance is known as perihelion. Oort comets' perihelion can pull them directly into the Sun at times and those are known as Sun Diving Comets. Ison was projected for a close approach but not a dive straight in. Ison was a Sun Grazing Comet with an approximated perihelion of a mere 850,000 miles. Sometimes, when a comet gets too close, the power of the Sun destroys it, usually within proximity of perihelion. This seems to have been the fated case of the now infamous Comet Ison.

In late 2013, we chewed through fingernails and popcorn, a thousand tabs open so as to quickly flip from site to site, channel to channel. I wasn't about to miss a second of this. But then (pointing to my butt ...), it dissipated. Suddenly, our once mighty tyrant had dissolved into a glowing dust so fine even our eventual pass through its remnants wouldn't mark a significant meteor shower.

The thing is... To many of us observers, the outcome was unfathomable and theoretically unlikely. I can't tell you if it was more frustration or imagination but, we blamed it on the government...and aliens... But maybe it just exploded.

The funny thing about Ison is, even though we Earthlings didn't get to witness the comet of the century in our night skies, we witnessed something far more impactful. Joe Public witnessed the Electric Universe in action. Unabridged. We saw the lights and particles ignite when a super charge carrier is making its deliveries.

The Wiki's say...

*"Charge carrier*

*In physics, a charge carrier is a particle free to move, carrying an electric charge, especially the particles that carry electric charges in electrical conductors. Examples are electrons, ions and holes. In a conducting medium, an electric field can exert force on these free particles, causing a net motion of the particles through the medium; this is what constitutes an electric current. In different conducting media, different particles serve to carry charge..."*

This is the Electric Universe. I'd welcome you to it but, you were already here.

## Chapter 2: Perspective



*"It seems to me what is called for is an exquisite balance between two conflicting needs: the most skeptical scrutiny of all hypotheses that are served up to us and at the same time a great openness to new ideas ... If you are only skeptical, then no new ideas make it through to you ... On the other hand, if you are open to the point of gullibility and have not an ounce of skeptical sense in you, then you cannot distinguish the useful ideas from the worthless ones." Carl Sagan*

That tree across my yard looks different from the kitchen window than it does when I go out there and climb it. I Googled my house and got an aerial view of the tree. It's a soft, fuzzy, green tuft, like moss between the sidewalk cracks. I only know that it's for sure the same tree because it's next to a red square I know is the playscape. Even birds must accept that the stationary tree is one place from the sky, another from nested on the branch, and yet another still as bugs and worms are harvested from the roots. To those same small bugs, a whole gigantic world is encompassed within the structures of the tree. To the tree, she is just herself. She understands who she is from no matter where you're looking. Perception is everything.

Sometimes, I like to lay flat on my back on the grass and stare at the sky until the colors exchange themselves and the depth reverses itself. So, the things that were far away but more brightly illuminated suddenly become the foreground and the shadowed objects that are nearby jet themselves comfortably to the back of the new room my eyes have created for me. Then I just lay there in it. It's very peaceful to flip visual perspective in this way. Works awesome with chain link fencing too.

It was all the rage when we were kids. The posters and picture books filled with scrambled colored pixels that, if stared at long enough, would reveal hidden images. For best results, it was recommended to close your eyes and position the image as close to your face as possible and then open them and start slowly backing away from the image. It was like your eyes would start off crossed and then an image would appear. It was disconcerting to remove the image from the line of view because the eyes would have to refocus their perspective of sight. You'd almost feel

dizzy when it was taken away. There was something very calming about the mindfulness needed to see the hidden images. Whether you saw a schooner or a sailboat ;) a blissful satisfaction accompanied it.

Sometimes, I wonder if there are beings out there in the Universe who visually see things in wavelength bands outside our visible spectrum of light and wonder if they can even see us. Realistically, we can only see in other wavelengths when they've been converted to colors we can see. We can't actually see infrared but we can create a model of it. We couldn't see radio waves until we discovered them and translated them and now we use them. Their discovery revolutionized communication. We can't see the microwaves emanating from the kitchen but, are there beings out there who would see them as if a lamp had come on? Plants eat light. They take the lumen packets of spectral light and convert them into metabolic sugars.

We have heat signatures, so things that see in infrared can see us. We have a slight bioluminescence. We have electric impulse. What other wavelengths do we project? How do those outside wavelengths interact with our wavelengths? How can we see it when it's happening?

Nikola Tesla was a Serbian American inventor and engineer during the turn of the 20th century. His inventions and insight changed the landscape of Earthly existence. He electrified it. Tesla is the man who gave us alternating current (AC) and built machines called, Tesla Coils, that could create voltages from the static in the air around them. He was a super genius. The game changer.

So revolutionary that his contemporaries reacted. Thomas Edison bought the patents to many of Telsa's inventions and then worked to publicly discredit him resulting in Telsa's eventual demise. He died penniless and shunned even despite being referred to by Albert Einstein as the smartest man in the world. Profit and power can be a real bitch sometimes.

Tesla said, *"If you want to find the secrets of the universe, think in terms of energy, frequency, and vibration"*.

He also said, *"The day science begins to study non-physical phenomena, it will make more progress in one decade than in all previous centuries of its existence"*.

I could quote Tesla all day. And, I will more later I promise but, for now.... What does all this have to do with the price of rice?

What do energy, frequency, and vibration have in common? They like to ride the waves, Braw. Hang ten. They all travel in waves at different rates and speeds through space and matter. They radiate. They're radiation.

Even the light we see is a kind of radiation. The types of radiation are categorized by their wavelength range and the temperature at which they are radiated by an object. The visible spectrum has a wavelength range of 390-700 nanometers which is roughly a frequency of 430-700 THz (terahertz). The wavelengths span from 0-0.01 for gamma rays, to more than

10,000,000 which are our beloved radio waves. Even within our visible spectrum color variations are separated by the different wavelengths at which they travel. Still with me?

Photosynthesis is a fascinating thing. The light we see is actually little, tiny particle packets called lumens. The different colors we see are streams of lumens riding different wavelengths. They are separated by speed and temperature which is measured using the Kelvin scale. Plants tend to like between 6500K and 5000K to grow in the cool and bright light of spring. Then in the fall when the light is around 3000K, they flower and fruit in their ready for a winter's nap. When a stream of lumen packets runs into an object, the lumens will either be absorbed or reflected back. We see the color that is the reflected wavelengths. Chlorophyll, the substance in plants responsible for photosynthesis, is generally green. That means that the plants are absorbing all the other spectrums of lumens. Those lumens are then metabolized to not only nourish the plant, but also as indicators for hormonal stage changes. They're basically eating colors of light and some wavelengths that are beyond our vision like ultraviolet and infrared.

Most plants go through vegetative and flowering stages during their life cycle. The ratio for the amount of daylight verses the amount of darkness is referred to as a photo-period. Those in equatorial regions with a steady daily average of daylight developed much different photocycles than those who reside closer to the polar regions. Some of the differences are, of course, to do with climatic temperature but, the majority of the function is determined by photo-period and the wavelength temperature of available sunlight at a particular time of year. The chlorophyll molecules in plants are covered in photoreceptors that are photoreactive. The light sets off

chemical reactions within the metabolism of the plant telling it when to do what. It's why frost kills crops and why we are starting to see things bloom earlier and harvest at strange times.

Plants tend to be excellent indicators for Solar System changes because it is very literally disrupting their diet. We, in turn, are affected by their dietary change. In more ways than one might think.

*"What Sunshine is to flowers, smiles are to humanity. These are the trifles, to be sure, but scattered along life's pathway, the good they do is inconceivable."* Joseph Addison

I love this.

*"It's been proven by quite a few studies that plants are good for our psychological development. If you green an area, the rate of crime goes down. Torture victims begin to recover when they spend time outside in a garden with flowers. So, we need them, in some deep psychological sense, which I don't suppose anyone really understands yet."* Jane Goodall

People always giggle a bit when I mention my pet geranium, Lucy. Or, think I'm using a euphemism when I say their roses are giving me the silent treatment because they're unhappy with their new trellis. They are very much cognitive beings, just very different from ourselves. Plants are an amazing community we should dare to strike up a conversation with. They "see" things from a completely different perspective. They have much more to tell us than we ever anticipated. PBS did a fantastic documentary in 2013 called, What Plants Talk About, to

introduce you to the light eating neighbors who surround us. Watch it. You might even make some new friends to hang out with, or at least, a smile and wave.

*"Let a hundred flowers bloom, let a hundred schools of thought contend."*

Mao Zedong

Waves are mesmerizing. We could watch them all day. Wave watching has helped us see what's happening and where. From:

**Mapping the magnetic bridge between our nearest galactic neighbours** May 12, 2017,

<https://m.phys.org/news/2017-05-magnetic-bridge-nearest-galactic-neighbours.html>

*"The radio emission from the distant galaxies served as background 'flashlights' that shine through the Bridge.....Its magnetic field then changes the polarization of the radio signal. How the polarized light is changed tells us about the intervening magnetic field. A radio signal, like a light wave, oscillates or vibrates in a single direction or plane; for example, waves on the surface of a pond move up and down. When a radio signal passes through a magnetic field, the plane is rotated. This phenomenon is known as Faraday Rotation and it allows astronomers to measure the strength and the polarity—or direction—of the field."*

According to **PhysicistsPage@facebook**, it works at the molecular level too.

*"Quantum particles have one very unique property, namely they can be in different states at the same time. This is referred to as "Superposition" of two conditions. Based on this instance the 'spin' of an electron can be pointing in two directions at once."*

'Round and 'round we go. Where we'll stop, no one knows.....

I can't help but think of everything else that comes in waves. Water slapping against the edges between it and earth. The wind blowing through tall grass. Inspiration during a project. Our blood pumping through our veins. Lungs breathing in and out. The seasons. Birds flying in unison overhead. Laughter comes in waves. Are all these waves different energetic expressions mimicking the pulses of radiant energy that drives them? How can changing our perspective help us react to and interact with these waves and radiant energy? Maybe, the way to see the truth is through this conversion to light.

### Chapter 3: The Part Where We Dance



*"The controls of life are structured forms and nuclear arrangements in a relation with the motions of the universe."*

Louis Pasteur

All of everything is made up of littler bits of something else. Stuff that's made of this littler stuff is called matter. The little stuff is atoms. As of right now, there are four definitive types of matter that are separated by the density or behavior of their atoms. Solids being very dense,

liquids being somewhat dense and viscous, and gases which have the lowest density and most space between atoms. Plasma is a little more complicated. *" A plasma is a hot ionized gas consisting of approximately equal numbers of positively charged ions and negatively charged electrons. The characteristics of plasmas are significantly different from those of ordinary neutral gases so that plasmas are considered a distinct "fourth state of matter."*

Thanks, **Plasma: the 4th State of Matter - SwRI** > **space** > **pluto** > **image** > **glossary**, for your helpful insight! Plasma, as we will see, can be much more than that.

Whichever type of matter, they say, what matters most is the atoms. Atoms are made of even smaller parts, these are particles, and the numerical distribution of those particles is what determines the type of material the atom makes up. The basic particles are protons, neutrons, and electrons. And, those are made of even smaller particles called quarks. I'm sure the pattern continues into the infinity of infinitesimals.

Modern day philosopher and good spirit, Peter Modell explores the vision of a whole defined by its parts and helps us see that everything is the sum of its parts and yet, the parts themselves are equally the sum of their own parts. He gave a wonderful presentation at the **The Thunderbolts Project Electric Universe: Future Sciences Conference** in 2017 entitled **"What Can Matter Be?"**. Modell brings into focus that all objects are equally real. The mountain is as real as the sweet smell of a rose. He reminds us that *"resting with unknowns brings out hidden lines or reasoning sourced in intuition."* We intuitively know what our parts want from our whole. If we just quiet ourselves and listen, the patterns are revealed.

The deeper we peer into our microscopes; the more things start to look the same. It seems, these same patterns also repeat into the infinity of space. Solar systems begin to resemble atoms. Galaxies begin to resemble hurricanes. The Universe suddenly looks like the same web of neurons that transmit the electrical impulses through our brains. Dare I say, the theory of relativity is applicable to size? Is it really all the same? Or, does it just look that way? If it looks the same, why shouldn't we expect it to behave similarly as well? Have we been looking over some of the most blatant aspects of natural sequence and universal patterns because our science education has taught us to adopt their misunderstanding of Universal mechanics?

We find comfort in patterns. They organize things so we know what to expect. When we know what to expect, we don't have to worry about what's going to happen in the future. We can focus on other things.

Nature is exquisite at presenting infinite possibilities within a set pattern while still adhering to the basic principles of said patterns. The Fibonacci Sequence, also known as The Golden Spiral, seems to dominate. The pattern is defined as a number sequence where each number is the sum of the two numbers preceding it. If you start at zero it would go 0,1,1,2,3,5,8,13,21,34, etc. into forever. When graphed into a correlating shape, it becomes a spiral that increases its outward circumference at a  $1/3$  to  $2/3$ 's ratio. This spiral is found everywhere from the smallest quanta to the largest galaxies and everywhere in between. What is most amazing is how all the different facets of nature find their own unique expression within this very specifically rationed spiral.

I find those expressions to be akin to the swing in music. The swing is the beat between beats. The soul of the music. It's that thing that drives your feet to tapping and your hands to clapping. It's that thing that gets us into a state of consciousness that connects us to the players and other listeners. The swing is what uplifts us in a melody and what unites us in harmony. I mean, it don't mean a thing if it ain't got that swing, right? Is that "swing" between the pattern of the equation where the spirit of life exists? Is that the missing link that resides outside the math and scientific method of it all?

Can we talk about music for a minute? I love music.

Music is very grounding to me. My tastes vary as much as my experience thus, music is a catalyst for immediate emotional support. What song was I listening to when I last felt this way? What playlist brings me joy? Whose lyrics are going to help me feel validated, understood, less alone? How many instrument's strings can stroke my soul? How much metal will it take to sooth my angst? Punk rock is University in spikes. Appalachian mountain music feels like bare feet on cool grass in a place my grandpa talked about.

I grew up figure skating at the local ice box. Danced occasionally in the summers. Although I loved the feeling of flying when I'd lean into the outside edge of the blade, spreading my wings behind the arch of my back, as I'd push the extended toe-pick of my elevated leg as close to my head as I could get it. Going as fast as I could and whipping one leg and both arms around

myself at just the right pace to time the spin. Jumping, spinning, and landing, all at the same time while NOT crashing into anyone. Knowing I finally nailed it. I gave it up. Felt.... Confining. Restricted. Contrived. There was meter and grace, technicality and precision, athleticism and drive. But, no swing. Sure, I could skate the hell out of it with a smile on my face but to when it came down to it, if I missed a step or mark or over twisted my spin, it was unforgiving with little to no room for error. There has to be ice to ice skate. So, that can be confining. But, mostly, it was the fact that all the steps were predetermined. There was no freedom or allowance for being carried away in the moment.

Dance on the other hand can carry you away anywhere. A ballerina friend of mine found similar restrictions in her toe shoes. We both suffered similar ailments brought on by the ruthless rigor of obtaining the perfect form. We found taking off our shoes to be the perfect fit. **NIA**- Neuro Integrated Activity. A barefoot free movement dance aimed at the integration of all aspects of self to promote healing of the entirety of the whole. Mind, body, spirit, and emotion, all finding representation within one another. My friend, Anita, became a white belt instructor and turned her garage into a dance studio. The day my feet hit her floor was the day I found my swing.

The **NIA** form is a collection of movements gathered from various dance and martial arts styles. Each part of the body has an emotional, spiritual, and mental aspect. Through these forms, issues within those aspects are healed.

In their own words, taken from **The NIA Technique Handbook** by Debbie and Carlos Rosas-

*"Dancing through life is a system we use to integrate the sensations of healthy movements into every aspect of living. It is a dance that weaves together sound and silence, action and inaction, and perception and reality. Its movements are based on the Body's Way, but its forms of expression are limitless."*

Let's look at the spine! Our backbone - Protective casing for our spinal cord. Our main wire.

*"The Voice of the Spine*

*To your physical body- I am the internal structure of the trunk that allows movement. I remind you to move from within, like a strand of pearls. My spiny protrusions, like thorns in a rose bush, extend from your back into space behind you. My energy centers, along the back of you, cascade your energy down into the earth.*

*To your mental body- I provide assistance in sensing spatial balance. I talk to all other parts of you, reminding you where center is: within. I am the one who can elegantly direct all running, dancing, and leaping. Listen to the voice of my mind, the mind of flexibility and direction. I support you with moveable love.*

*To your emotional body- I provide a backbone. I make it possible for you to feel life with the utmost sensitivity. I ground the flow of emotion so you can remain upright, even in the most*

*distressing of circumstances. I am to you what the stem is to the flower. I feed you, nourish you, and give birth to new buds as you open up to your feelings.*

*To your spiritual body- I provide support, regardless of how you may try to avoid me. I talk to you and remind you that love, pleasure, and ease are the paths of least resistance. My task is to align you with heaven and earth. I unite you with all that is. Love me, and I will guide you with the grace and power of an eagle."*

It is the "joy of movement" between the interconnectedness of all parts of our being that is the healing grace.

When I used to hang out in the slam poetry scene, the piece that was requested of me most was called **The Balances of Dance**. It's a rhythmic rhyme that expresses the freedom of release allowed by this skating to dance conversion. The overwhelming popularity of this piece was an indicator of the fascinating desire for this same release by the listeners. This desire connected us. It is in our nature to dance. (The poem is included at the end of the book if it interests you.)

In 1998, Anita invited me to visit her brother. While there, I had the amazing opportunity to meet a Mayan Aztec medicine woman named Grandma Wind Rider No Moccasins at Cottonwood Hot Springs in Colorado. She had brought with her these clay vessels that had been found in the Andes Mountains of Peru. There were eight vessels, each was a round, terracotta, hollow figure with a fluted tube sticking out the top. They looked like fat bellied Buddhas with chimneys on

their heads. One vessel was the Grandmother and one was the Grandfather. Eight people sat in a circle with Grandma and Grandpa opposite from each other. The person holding Grandfather would start by drawing in a deep breath and exhaling at a comfortable rate across the chimney opening on top of the vessel creating a vibration of sound much like playing an old Hill Billy jug. The next person would draw a breath and begin and then the next and so on until all the vessels were being played in the round in what became a high-pitched buzzing tornado that filled my entire body. I would have thought that such a high pitch would have been irritating and shrill but that wasn't the case. It was pleasant and calming. Grandma Wind Rider had told that this was the sound of the Universe and that the Ancients connected and spoke to spirit aliens with these vibrations. She even said that it was the sound the alien ships would make when they would visit. That within these sounds we would each hear our own harmonic resonance and that we would know it by its familiarity. She said that Tibetan monks had come to Peru to blow on these very vessels. She was taking them to The Sun Dance in North Dakota. The experience of this encounter stays with me.

The harmonic resonance of the Earth is 7.83 Hz. This is the frequency of Om. When Buddhists chant the Om they are creating a vibration in harmony with the vibration of the planet. Some Ancients believed that the Universe was a huge orchestra playing a symphony in concert. How could they know that?!?!

Each planet sings in their own key and voice. Saturn's Cassini probe has recorded the sounds of Saturn. He's singing in an octave of 147.85 Hz. Kind of eerie and haunting, just as you'd think Saturn would sound. They're available for a listen on numerous online sources. Check 'em out....

### **ALBA MUNDI, The Sound of the Planets**

*"The earth and each of the planets of the solar system revolving around the sun makes a musical note so low it cannot be heard by the human ear. "*

*If we imagine a piano keyboard without limitation, the sound of the earth is a "C sharp" placed 33 octaves below middle C (about 4.7 meters left of the piano bench)*

*The song "Alba Mundi" is composed in the key of the earth, and the harmony of the track evolves by using the nine notes of the planets orbit frequency.*

*Mercury - the closest planet to the sun - plays a "C sharp" with its orbit. The orbit of Venus runs the note "A", and the sequence goes on with the Earth (C sharp), Mars (D), Jupiter (F sharp), Saturn (D), Uranus (G sharp), Neptune (G sharp) and Pluto (C sharp). At the end of the piece, after the final crescendo you can listen to the "sound" of the solar system, accelerated by more than 68 billion times in order to be audible to the human ear.*

*The recording of the piece "Alba Mundi" was mastered by Alex Wharton (who has worked for Coldplay, Bjork, Gorillaz) at the Abbey Road studios in London, the historic recording studios where the Beatles and Pink Floyd albums were produced."*

Giorgio Constantini

**[www.pianopianoforte.com](http://www.pianopianoforte.com)**. Awesome.

One of my favorite pastimes is watching experiments that mimic the behavior of greater forces. Some of the best are when granules are spread out on a smooth flat surface and exposed to different frequencies of sounds. It's called Cymatics. When the sound is switched on, the chaos of spilled granules dances itself into repeating geometric patterns. It's so cool. They make flowers and stars, mandalas and snowflakes. They know all the moves and they swing themselves into the shape of the rhythm.

These same types of frequencies shape atoms into the rhythms of matter written in the music of energies.

*"Harmonic resonance is an extraordinarily diverse and varied phenomenon seen in countless forms throughout the universe, from gravitational orbital resonances, to electromagnetic oscillations, to acoustical vibrations in solids, liquids, and gases, to laser resonance in light and microwaves."*

Thank you,

**cns-alumni.bu.edu > HRezBook > Chap2,** for the above.

If Harmonic Resonance (HR) can dance molecules into the forms it desires, can we humans also sing and dance our environment into desired forms? Is the rain dance capable of manifesting rain? Are the ritualistic chantings and colored garb, repeated movements like a genuflect while

signing a cross over your heart, all energetically mechanized to arrange matter and circumstances to our liking? Do we hold that kind of power? Is the Jutsu of my beloved ninjas real?

*"Jū" can be translated to mean "gentle, soft, supple, flexible, pliable, or yielding." "Jutsu" can be translated to mean "art" or "technique" and represents manipulating the opponent's force against himself rather than confronting it with one's own force."*

**Jujutsu** - Wiki's say, what!?!?

Our predecessors in humanity had no problem "seeing" the effects of these movements and sounds. They embraced them and nurtured the growth of their cultures through this supposed "magic". Are these forces of ritual misguided notions of the uneducated ignorant? Or, are they the culmination of eons of understanding that we as modern, scientific humans have dismissed?

Some of us can't accept something until we can see it, poke it, prod it, test it and then recreate it in a lab. Others of us, can see that it is a "thing" that has a function by observation of its service and simply accept that it does exist. The camps are set. Their sandy floor separated by the draw of a child's stick digging a shallow line that falls back in on itself as it leads to an arbitrary end. Thus, the endless bickering and banter. But, who put any of us in charge anyway? We'll never know all the steps until we learn to dance together.

#### Chapter 4: Space Weather A Go-go



*"Every living being is an engine geared to the wheel work of the Universe. Though seemingly affected only by its immediate surroundings, the sphere of external influence extends into infinite distance."*

Nikola Tesla

**Did the War Cause the Italian Earthquake? - New York American** February 7, 1915

The Sun feels so good on my face. When it shines through my skin and warms my bones, all the functions of my system are happier to work together. The capillaries on the hills tops of my cheeks flow rivers of warm kisses that stain a cheery pink. Or, soft red, if I've stayed too long. The ends of my frayed nerves soothed smooth awash in beaming rays. My spirit lifted so I too may shine. Why is it so beneficially impactful for us to absorb sunlight? Are we, in some way, metabolizing the light?

Before we can get into how the Sun affects us, we have to discuss a couple things and a few people ....

Ok, so, the standard model of our solar system puts the Sun slightly off center of a disked plane on which the planets rotate at different circumferences and varying speeds. The Sun is said to be a big, hot ball of hydrogen fusion that will continue to react and burn until it runs out of fuel and meets its eventual demise billions of years from now.

They say, this is the lifestyle for most stars. We can see them in the vast expanses of space twinkling bright and then fizzling out like many a one hit wonder. In this view, each star and our own Sun are independent entities that live out their own dreams, on their own terms. Free to join forces and become binary systems or explode into supernovas who spread their remnants around

in a fit to be gathered into new objects later. They say all stuff is created from the star stuff thrown about in these tantrums. One star's trash is now someone's mother. Or, maybe they just collapse under the pressure and become villainous black holes who want to suck everything into their collapse with them. Misery does love company, after all. If they can't emit light then no one will! It all seems as disconnected and melodramatic as the stuffy, closed set of an outdated soap opera. Like the gasses of the Engraved Hourglass Nebula, these are the ways of our skies. Maybe it's us who are feeling disconnected in our dysfunctional independence.

Are we projecting our feelings of loneliness onto our view of our Universe? Let's reject the notion that we are connected to it lest we not be rejected by it first.

Now, maybe I'm being melodramatic. But, I say it in this way to illustrate a point. It's easier to understand something when we have an emotional basis for comparison. Science is cold. Hard. Facts. It has to be to do its job. When we remove any of the components of a whole, we fail to see the entirety of its function. We are a part of a greater whole that exists within set scientific barriers that are only extended when fed more cold, hard, facts. And yet, we still, simultaneously, exist outside of those perimeters.

It seems the biggest misconception is that there is one big Right answer out there that will line all the ducks up in a tidy row to sing the alphabet backwards. Proving all else, without exception to be Wrong. Maybe it's the vernacular to blame. If something is right, something else must inherently be wrong. Then what's left?

Yes, everything in nature has its equal and opposite but in that, one cannot exist without the other. Without that oppositional balance, both things would cease to exist. We hold tight to our "rights" because no one wants to end up being in the wrong. Or worse, being neither right or wrong and thus, ceasing to exist entirely. I promise, everyone can be right and wrong all at the same time and we will all still exist.

Whew! Glad we got that out of the way.

What about exchanging the word Right for the word Truth? Something can be true without carrying the burden of being right or wrong. Things can be simultaneously true and untrue depending on context and circumstances. Asking what is true within a question allows for exploration without creating a competition to elevate or degrade.

Dr. Michael Clarage, PhD in physics, is a lead scientist with the “**SAFIRE**” Project. They are the Stellar Atmospheric Function In Regulation Experiment, a group of scientists who are conducting experiments to find out if and how our planet and solar system integrate into a larger electric field. Dr. Clarage addresses this need to understand the greater whole before being able to fully understand the functions of the parts in a presentation he gave at the 2017 **Observing the Frontier** conference, **Earth as an Electrical Transformer**. He uses a diagram of the retinas, like the one on the back of the door at the doctor's office. We see the layers of nerves and receptors, the pathways light must travel through to then be interpreted. If we don't understand

that the eyes are for seeing, then we can't possibly understand why the retinas would receive light. Or, as Dr. Clarage points out, be able to question why the light that enters the eye must pass through the same number of layers from your pupil to the back of your eye as there are layers between the surface of the Earth and the solar wind. Which, by the way, are each a part of something else much larger. And, so on. Coincidence? I think not.

That interconnectedness is one of the main differences between the standard model for stars and the Electric Universe model(s) for stars. (I leave open the option for plurality as we are constantly learning new things. We must always be open to the malleability of growth.)

*"From the smallest particle to the largest galactic formation, a web of electrical circuitry connects and unifies all of nature, organizing galaxies, energizing stars, giving birth to planets and, on our own world, controlling weather and animating biological organisms. There are no isolated islands in an electric universe."*

~David Talbott and Wallace Thornhill, **Thunderbolts of the Gods**

No matter the exact assignment of parts, the basics remain the same. Those being, everything in the universe is electrically connected, the smaller parts receive energy from the larger parts, and within those parts hierarchies are to be expected.

These parts are broken down into levels. The planetary level would be the weather and tectonic activities of a planet. The Star level includes solar flares, solar wind, Coronal Mass Ejections (CME), and any other electromagnetic activity generated by a star. The Galactic level sends

cosmic rays, gamma and X-ray radiation, and any other form of waves that are surfing toward us in Space. All of these levels influence one another. Solar energies are digested by Earth's system and manifest as weather, earthquakes, and volcanoes.

In the Electric Universe, the Sun, and all other stars are anodes receiving charges and also transistors distributing the energetic waves from the cosmos into electrically charged plasma which is received and absorbed by capacitor planets like the Earth. As Dr. Donald Scott explains in the summary notes of his book, **The Electric Sky**,

*"An electric circuit is one that contains resistors, inductors, capacitors, sources, and perhaps transformers. An electronic circuit also contains active elements such as transistors that provide amplification of the signals (small variations in one variable producing large changes in another). The Electric Sun model pioneered by C. E. R. Bruce, Ralph Juergens, Wal Thornhill and indirectly by Hannes Alfvén is now extended to an Electronic Sun model via the analogy between its surface phenomena and the action of a junction transistor. The efficacy of a relatively weak voltage barrier in controlling large currents apparently occurs both in transistor circuits and also just above the surface of the Sun."* Got that? The Sun is Electric. Earth is Electric. The weather is Electric. It's all Electric.

Even though scientists attribute the massive amounts of water on Earth to "dirty snowball" comets and asteroids, it still doesn't explain how they obtained their icy packages for delivery. Or, that even though we are constantly told that we are star stuff born of Super Nova explosions, we are starting to realize that most of the water on Earth may have been formed right here,

electrochemically. NASA and Jet Propulsion Laboratories' (JPL) measurement data has found that traces of all the known elements are present in the particle ejecta of the Solar winds that blow through our Solar System and are delivered to any Celestial bodies that intercept them on their way through. The most abundant of these elements is hydrogen. Coronal Mass Ejections (CME) are mainly positively charged hydrogen ions. It is speculated that Earth and other planets like it, with oxygen rich atmospheres that are in close proximity to their stars, are more likely to have liquid water. It is thought that some of the fast-moving hydrogen ions manage to penetrate the Earth's magnetosphere and enter into the oxygen rich layers of our upper atmosphere. Some of the highly charged hydrogen and oxygen particles begin to sink and cool, congealing into the liquid water that now covers over two-thirds of our planet's surface. This idea is part of a theory known as, Starwater. The Starwater Theory suggests that all stars begin as Cosmic Jets that spew out icy fountains in the North and South directions and eventually encapsulate themselves in their own Oort clouds. Thus, the birth of new heliospheric Solar systems. This is supported by observations of water near the surface of some stars. A star's age may even be determined by the amount of water near its surface. Water is often found on stars. Is this particle interaction reaction real? Is all of nature's elemental brew burgeoning up the ingredients to the Universe just above our heads? Or, below the ground? Or, in all of outer space, all around us right now?

Earth has all kinds of weather we are already familiar with and some kinds we aren't. What kind of weather does the Sun have?

Oh, I tell ya it's gonna be a hot one today on the surface of the Sun! The photosphere is visible at a smokin' 6000°C! Don't let go of that plasma filament yet. You're still in the Earth facing quiet until Friday with an eruption threat possibly coming over Saturday evening when Mercury is in opposition to Venus. But it won't be any better for those of you 500 km higher in the Corona. You'll be topping out at just over a few million degrees Celsius. Sounds more like HELLsius to me! Better head down to those incoming Sun Spots to cool off. A balmy 4000° and no magnetic mixing, they're looking stable for the weekend. Here's Tom with Sports.

Kinda. A little. Not really. Ok, so I won't quit my day job. We'll leave the Space Weather News to someone else.

Every morning I get up, drink coffee and watch the **Suspicious Observers Space Weather News** brought to us by a man named Ben Davidson. He's way better at the reporting the space weather than I am. He actually wrote the book on it, **The Weatherman's Guide to the Sun**. Davidson has founded a number of organizations that have enlightened many to the effects of space weather on ourselves and our planet. His foundations and open discussion forums have facilitated a meeting ground for scientists and enthusiasts to openly express their ideas, research, and data on formerly taboo subjects, like, and well, especially the Electric Universe Theory, interplanetary magnetism, and Starwater. Most of his work has to do with using space weather sciences to predict natural disasters like earthquakes and severe weather. His data models and open source information are allowing people who are in the general public to accurately predict earthquakes. The statistical success in the first year of the **Mobile Observatory Disaster**

**Prediction App** is a “Small step in the direction of earthquake forecasting”. And, while he claims the predictions are “not yet ready for action”, the information gathered in these studies warrants further investigation by larger seismic agencies This guy has his hands in a lot of soups but it doesn't slow his stirring of the pot.

In 2014, he teamed up with NASA's Dr. Kongpop U-Yen for the announcement of the discovery of Earth Spots. We often hear of Sun Spots. Earth has spots too.

A Sun Spot is defined by [vocabulary.com](http://vocabulary.com) as, a cooler darker spot appearing periodically on the Sun's photosphere; associated with a strong magnetic field.

Another all too simple explanation. Earth, like many celestial bodies, is surrounded by magnetic bands of positive and negative polarity. The data imaging graphs look like a ball encompassed by a web of blue (positive) and red (negative) strings looping in and out of the ball's surface at points known as Sun Spots, on the Sun, and Earth Spots on Earth. I'm sure it would stand to reason; other planets have their Spots too. Each string connects to two Spots. When a blue string and a red string try to loop in and out of the same Spot, they can become entangled and eject charged particle plasma. Voila! Flares! Solar flares. Earth Flares. Nostrils flare sometimes. What? Just checking we're all still here.

Yanking on magnetic Earth strings causes earthquakes. Well, I guess when you put it that way, of course it does. Makes lightning too. Lots and lots of amazing lightning. We're going to get to that part soon.

The best explanation of this was given to me by Neil Thompson, EET, with **The Thunderbolts Project** who has been helping me get all of this straight. He said, in accordance with the EU model, " ..... *The positive ionosphere versus the negative Earth surface represents a capacitor and capacitors hold charges on their plates. When these charges move they will induct a current inside the earth. They also leak across them, which seems to be what causes weather and volcanoes and so forth.*"

If that sounds like a completely different notion than what you're used to, how about this? The Washington Post published an article stating that scientists are recalculating the weight of a kilogram. We are taught that the weight of something is the measurement of gravity exerted on an object. *"Heavy? Heavy? Marty. You keep using that word. What's wrong with the Earth's gravitational pull in the future? Why is everything so heavy?"* No, Doc." Heavy" wasn't the wrong word. It was *"gravity"*. Turns out gravity is far less responsible for weight than we've been giving it credit.

Have you ever been on the Gravitron ride at a carnival? When it starts spinning, everything inside is stuck to the walls thanks to centrifugal force. Some say that's fun. Gravity forces things to crash together as they are all forced to the source of the gravitational pull. If gravity is what's

responsible for keeping it all in place, why aren't we all imploding right now? How are we capable of free movement through the atmosphere without being weighed down by the force of Earth's gravitational pull? It seems to behave much more like electrically charged current barriers held in place by magnets. Electromagnetism. This has become apparent. Scientists have devised a new system for determining the weight of an object.

The Washington Post says, *"They're using a tool called a Kibble balance. Instead of balancing the scale with weights, Pratt and his colleagues use electromagnetism. An electrical current is sent through a coiled wire, generating a magnetic field that creates the upward force needed to balance the scale. Scientists can figure out the strength of that field by pulling on the coil. If you know the voltage, the current and the velocity at which the coil was pulled, you can calculate the Planck constant with extreme precision."*

What? What? Why? How? You ask!

*"..... when we apply force to a body, how is that force transferred to overcome inertia? The answer is 'electrically' by the repulsion between the outer electrons in the atoms closest to the points of contact. The equivalence of inertial and gravitational mass strongly suggests that the force of gravity is a manifestation of the electrical force."* Wal Thornhill

That's heavy!

In the meantime, a couple more things...

Science is finding that the geomagnetism of these flares, winds, and storms can have impacts on our mental and physical health. Crazy nights at the ER aren't just for full moons anymore. Now there's a correlation between the Space Weather and everything from heart attacks and strokes to premature births and even suicides. People can generally feel the effects of Space Weather and not realize what they're feeling. But, no need to panic. This has been happening all along. Now, thanks to a better understanding of the greater, unified system, we can better care for ourselves and others. Progress!

Are these currents the same proverbial red stings the ancient Chinese said connected us all? Is it this electromagnetic pull of the Sun that excites the capillaries in my cheeks causing them to glow? Does the rush of charged particles charge my drive? Does the lack of it make me lethargic, cranky, out of whack? How are we connected to the Space Weather? How does it help or hurt our system's function?

## Chapter 5: We Draw from What We See



*"The wheel in the sky keeps on turnin'.*

*I don't know where I'll be tomorrow."*

Steve Perry, **Journey**

*"Past cultures worldwide often share in a single cosmic vision, and we must not let our own present fragmented fields of knowledge hinder our attempt to recapture that knowledge."*

Bruce Masse, Environmental Archaeologist, **US Air Force** and **University of Hawaii**

I'm a peacock. Well, I mean, I was a peacock. Not that anyone at my Alma Mater had much school spirit. Though, one year we did have an end of the year luau with a pig on a spit. Apple in

his mouth and everything. Put a chubby, male, Asian transportation design senior exchange student in a corn- silk blonde wig and a poofy white satin thrift store wedding gown. Sat him awkwardly in a stolen shopping cart and paraded him around as our homecoming queen. Glittery Mardi Gras tiara and confetti. I thought it was one of the best school events we'd had but, all the vegan kids complained about the bacon smell. So, Dylan Spatzky taped two pieces of raw bacon on the side of the hallway vending machine with a sign that said 50¢ and called it ephemeral art. I didn't buy the bacon but I liked the idea. We're all peacocks in our own ways.

Our expression is a manifestation of our vision. An outward projection of an inward assessment. That assessment is characterized by how we view or see a What? Whatever it is we see. At art school, we are taught to take apart the assessment to the bare bones and identify the things that are calling to us. Then present an effective translation of the particular bones that called. In the above case, it was ham bones.

We draw what we see. Sometimes, we see it in front of us. Sometimes, we see it in our imagination. We write what we experience, observe, learn and dream. As artists, if we can find a uniquely creative way to communicate our expression we may consider ourselves successful.

There are those who embrace the abstract and there are others who come by an innate photorealism, as if there are eyes in their hands.

After five years at the same school, twenty-five years in the same city, it all started to look the same. Different interpretations of the same things. Broken windows of abandoned factories in

charcoal, home bums in baggy clothes foreshortened to weird angles, everyone's roommates in their identical dorm bathrooms making faces in the mirror, and cars, shit tons of cars. This is the landscape that surrounds; the available subject matter. It would be odd then, wouldn't it, if a gigantic hovering object began to appear in all the student work? If something like this did appear, it would certainly be a center of attention. People would undoubtedly attempt to capture such a strange event in every medium to ensure its documentation for the future. When something abnormal shows up in an individual's work, we see said abnormality as the artist's metaphor. When we see something carried throughout multiple works relative to a specific area or time, we can presume that "something" was a tangible presence so impactful, many individuals felt the impressing need to document it. These impactful presences can be so abundantly used they become implied symbols. There are innumerable symbols in use worldwide including the letters of our written languages. When a symbol is applied to multiple meanings, its origin becomes lost in translation. We see them. We use them. We don't remember why.

Triangles. Triangles are often used for safety or warning signs because triangles imply a secure, balanced foundation. The triangle was the preferred compositional shape of the Renaissance. Variations of triangle types can be used as lay lines in perspective drawing. Three sides. Three angles. Best out of three. Three strikes, you're out. Third time's the charm. Holy Trinity! Three is the magic number.

What else do we see? Flowers and crosses. Fish and birds. The Sun and Moon and Stars. Logos and graphics. We love to wear symbols of ourselves on our clothes and cars. We tell our story through our adornment. We express what we see of ourselves on our walls and shoes; what we value of ourselves in our style. We have always done this. It is part of who we are.

There are symbols we can't equate. Icons so far removed from their origin we dismiss their authentication. We see them now as a graphic or logo. We've passed them through a game of telephone so long that what is now heard resembles nothing of what was said. The thing that's striking is that the exact same symbols can be found throughout the ancient world accompanied by similar stories all assigning the same attributes to the same symbols to the same stories. What's even more staggering is that the evolution of these same symbols and themes coincides globally with verifiable geological occurrences.

A man named David Talbott, noticed the reoccurrence of specific themes and symbols throughout the ancient world. Like many retracing the steps of history, Talbott came to the conclusion that we have been walking down the wrong road. His walk led him to the work of Immanuel Velikovsky.

Immanuel Velikovsky was a Jewish Russian psychiatrist, psychoanalyst, and independent scholar who helped found the **Hebrew University of Jerusalem**. Velikovsky was a contemporary to Tesla, Edison, Einstein who also found himself discredited and stripped of his accolades by contemptuous peers. The Intelligencia went so far as to boycott **McMillan** for the

1950 publication of his book, **Worlds in Collision**, despite it being an instant success that spent its first eleven weeks of print on the New York Times bestsellers list. It wasn't just Tesla.

Anyone who went against the grain was efficiently plucked out.

To best express the embodiment of Velikovsky's work, I will let him tell you in his own words that I pulled from [www.velikovski.info](http://www.velikovski.info). Seems legit.

In his book, **Worlds in Collision**, Velikovsky proposes:

*"I have endeavored to show that two series of cosmic catastrophes took place in historical times, thirty-four and twenty-six centuries ago, and thus only a short time ago not peace but war reigned in the solar system."*

*"We maintain also that one planet -- Venus -- was formerly a comet..."*

*"... that it joined the family of planets within the memory of mankind"*

*"We conjectured that the comet Venus originated in the planet Jupiter"*

*"From the fact that Venus was once a comet we learned that comets are not nearly immaterial bodies"*

*"We claim that the earth's orbit changed more than once and with it the length of the year;"*

*"... that the geographical position of the terrestrial axis and its astronomical direction changed repeatedly"*

*"... the polar regions shifted, the polar ice became displaced into moderate latitudes, and other regions moved into the polar circles."*

*"... electrical discharges took place between Venus, Mars, and the Earth when, in very close contacts, their atmospheres touched each other;"*

*"... that the magnetic poles of the earth became reversed only a few thousand years ago"*

*"... and that with the change in the moon's orbit, the length of the month changed too, and repeatedly so"*

*"In the period of seven hundred years between the middle of the second millennium before the present era and the eighth century the year consisted of 360 days and the month of almost exactly thirty days, but earlier the day, month, and year were of different lengths."*

*"We offered an explanation of the fact that the nocturnal side of Venus emits as much heat as the sunlit side"*

*"... we explained the origin of the canals of Mars and the craters and seas of lava on the moon as brought about in stress and near collisions."*

*"... excessive evaporation of water from the surface of the oceans and seas, a phenomenon that was postulated to explain the excessive precipitation and formation of ice covers, was caused by extraterrestrial agents."*

*"We recognized that the religions of the peoples of the world have a common astral origin."*

*"We learned why there are common ideas in the folklore of peoples separated by oceans"*

*"The accounts given in this book about planets changing their orbits and the velocities of their rotation, about a comet that became a planet, about interplanetary contacts and discharges, indicate a need for a new approach to celestial mechanics."*

*"The theory of cosmic catastrophism can, if required to do so, conform with the celestial mechanics of Newton."*

Talbott was so taken by the sense, reason, and historical evidence he found on this path, he has dedicated his own life's work to the exploration and validation of it. A whole new history! A whole new sky! This mission is called **The Thunderbolts Project**.

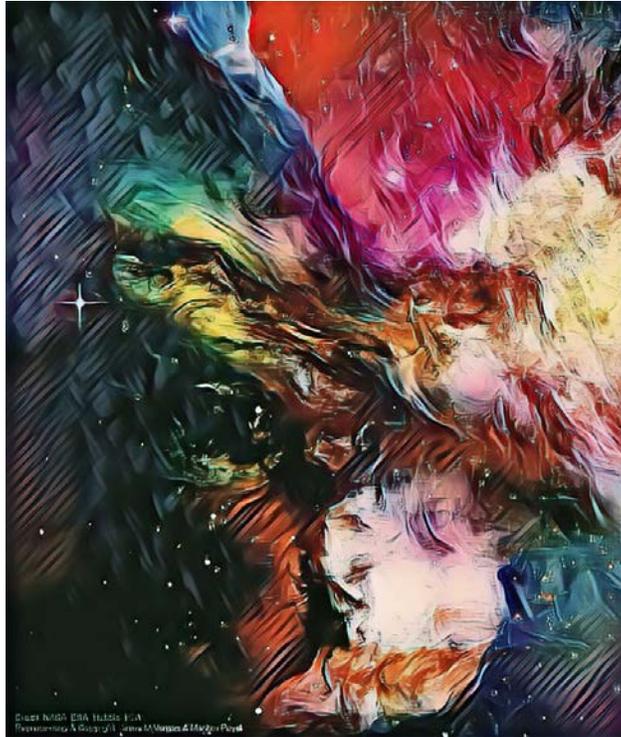
Talbott realized that the images and symbols were expressions of a cosmic event witnessed by generations of people worldwide. The ancient's view of planets as gods. That the sky they looked upon crumbled and fell during a great battle of the gods in the skies above, and in the midst of it, great electric bands were visible from the ground, buzzing and snapping, and sending stentorian waves of charged particles causing cataclysmic lighting claps and Thunderbolts.

Talbott wasn't the only one following the Velikovsky trail. In Melbourne Australia, Wal Thornhill was using his education in physics and electronics to establish scientific evidence to support Velikovsky's claims. In 1974, at the **McMaster University Velikovsky Conference** on Hamilton Ontario, Velikovsky, Thornhill and Talbott joined paths. The sage's students becoming then the teachers of his discoveries after his passing in 1979.

Sixteen years later, in 1997, along with a growing community of like-minded others, the convergence of myth (Talbott) and science (Thornhill) opened a door to a profoundly different understanding of the Universe in which we are a part. **The Electric Universe**.

In this Universe, the wheel in the ancient's sky was actually a wheel that was constantly centered at Earth's axis. The planets were all lined up like ducks in a neat row. And, I don't know about the alphabet backwards, but, yes, they did sing. They were all within close enough proximity that their harmonic resonances were audible on Earth. The three (there's that number again) spheres of Saturn, Venus, and Mars were hieratically concentric allowing each sphere to remain visible and distinct. Mars marked the center point as the smallest and darkest sphere. Sandwiched in the middle, seeming only slightly larger than Mars, was Venus. Since Venus is a comet, the coma jet of her tail was splayed radially inside the largest, outside sphere, Saturn. Hence the image of a spoked wheel in the sky that never set, just changed the direction of its shadow with each day's progression. Everyone traveled around the Sun together. *"The wheel in the sky keeps on turnin"*.  
Who knows what we'll know tomorrow?

## Chapter 6: All in The Family



*"Every recurrent theme in world mythology is explicable in terms of a particular model supported entirely by the patterns of ancient myth and symbol.".* David Talbott

### Fun Activity: Play Solar System

One person is the Sun (1). That person stands in the center and turns slowly to their left. The next person (2) is Mercury. This guy stands close to the Sun (1) and walks around him in a circle, making one full spin as he completes his circle. Person (3), Venus, is further away from (1) and spins in the opposite direction. Person (4) is the Earth. (4) spins around and around as it circles (1) outside person (3). Person (4) is accompanied around the others by person (5), the Moon,

who has to circle around (4) thirteen times for each circling of the Sun (1). And here's the kicker, person (5) must always keep their face toward person (1) at all times. Person (6) is Mars and also has accompaniments (7) & (8). We usually cast the pets as the asteroid belt. Person (9) has a very large circle. This is Saturn. (9) has to go around once for every six and a half times person (4) goes around. Person (10) is Jupiter. His circle has to take twice as long as (9)'s. If you have enough people and room for the outer planets, proceed accordingly.

I do this with children all the time. They love it more than octopus tag.

Now try this!

Keep person (1) in the center. Everyone sits down except (3), (4), (6), (9), and (10). (4) goes back to where they were and joins one hand with (6), (6) joins the other hand with (3). (3) joins their other hand to (9) and (9) then to (10). Now everybody walks together in a single radiant circle around the Sun.

Our Sky vs An Ancient Sky.

And then, enter the dragons! Awe man! This is about to get exciting!

Wait.... What? There's dragons? Yes. There are dragons everywhere. And yet, not a scorched bone to be found.

*"Although people have been probing into facts and stories about the dragon for hundreds of years, the dragon has yet eluded final interpretations."* Say you, **Handbook of Chinese Mythology**. Until now.

Amongst commonalities shared worldwide by the Ancients, the Wheel, the Golden Age, and Dragons were ever present. The Ancients represented dragons as flying creatures with long flowing hair or feathers whose fiery breath could roast you to cinders. Often seen as twins, they would bring with them spindly mustaches and lightning. And, of course, what dragon tale would be complete without a knight in shining armor to slay it with his sword? None. The answer is None. The dragon must always be slain.

In the Electric Universe, dragons are comets. Super charged particle carriers tearing at the electric fields of the bodies they pass along their way. Their luxurious splayed tails trailing excited particles outward as they soar. Like when Ison teased Europa then tickled Mars's fancy as it whooshed down Main Street struttin' its stuff. If their charge is great enough, they can cause such immense disruption to the fields they enter, entire magnetic systems can be tossed out of alignment. This is the "End of the World" Doomsday stuff that left a marked impact not only on the landlubbin' ground walkin' Ancients who were the watchers of it, but to the very surface of the Earth herself.

Note: Please do be careful when adding dragons to your Solar System.

*"The shepherd Linus, singer of songs divine, Brow-bound with flowers and bitter parsley, spake:  
"These reeds the Muses give thee, take them thou, Erst to the aged bard of Ascrea given,  
Wherewith in singing he was wont to draw Time-rooted ash-trees from the mountain heights.  
With these the birth of the Grynean grove Be voiced by thee, that of no grove beside Apollo more  
may boast him." Wherefore speak Of Scylla, child of Nisus, who, 'tis said, Her fair white loins  
with barking monsters girt...."*

From **Bucolics** by Vigil. Sounds scary!

*"What is normal in nature and society rarely excites the myth making imagination, which is more  
likely to be kindled by the abnormal, some startling catastrophe...."*

Lewis Farnell, Professor of Greek Religion

When planets get close together they connect in rotating currents called Birkeland Currents. In ancient times, these currents were visible. Like the hands of our planet players in round two, these currents kept the planets aligned and connected. The Great Cosmic River.

In his documentary, **Symbols of an Alien Sky**, Talbott sites ancient Roman scientists as witness to such occurrences.

*"The space between two planets lights up and is set aflame by both planets and produces a train of fire."*

Seneca, Roman Naturalist

They even had specific "feelings" associated with the type of charge of each particular planet.

*"[Archaic traditions say] that these bolts come from the planet Saturn, just as the inflammatory ones come from Mars."*

Pliny, Roman Naturalist

To the people of Earth, our neighboring planetary bodies weren't far off twinkles in the sky. They weren't far away at all. They were up close and personal. They were family. This was the Golden Age.

There was the Dad, Saturn. The Big Guy. The backbone of the wheel. The first in the mythic line of Kings, he just stood there at our axis, large and in charge, unmoving in his stance. He was seen as the great conjunction of primeval unity during the Golden Age, at a time when 'Heaven was closer to Earth.' The epitome of strength and wisdom, he was the father all great fathers aspire to emulate.

Then, there was Mom, Venus. Such a beauty. Such a sight. The archetypical feminine. Apparently, Dad chose to marry outside the tribe because, Venus was a comet born of Jupiter; Grandpappy to us all. And, what a comet she was! She was mother of all stars; the soul of the primeval Sun. She was the animator of life. Often seen as the plant of life, the flowers try to

imitate her radiant tresses that spoked the Wheel in the sky. Her golden locks crowned and shielded her son, the Warrior god.

Mars, the child in the womb, on the lap, was the pupil of his mother's eye, the axel on the Wheel. He is the Son. The masculine aspects. The Warrior king who leads the battle. The innermost heart of the primeval Sun. The mother's encompassing arms that cradled him later to become his sword. He is the Slayer of dragons.

And, Us. Earth and all her Earthlings were part of the Love. We nestled in our mother's electric embrace with our sibling Mars as Dad, Saturn kept us all in the right path.

The whole family was a happy bunch rotating around the Sun. Banded together by a luminous stream of material the Ancient's knew as the "World Mountain", this glowing river connected the other planets to Earth at her axis in a tidal lock.

Those were the good ol' days. The days when the planetary reigns were in balance. Dad watching over Mom as she held her children. But, Mom was a comet. She didn't always feel like she fit which made her very emotional. At some point and for whatever reason, (do kids ever really get to know the reason?) Mom started to change. She started to slip down the luminous river into the darkness of the loop below. You don't ever want to make Mom angry. Because when you do, all Hell breaks loose. Literally.

Mom started to get excited. Her flowing spokes started gathering into one another decreasing in number until there were only three. Then she began to sink. Lighting fissured through the cracks in the sky. So much shouting. They were yelling so loud the air rippled and bent the light. As she fell, she grappled tight to the bonds she held to her children. She gripped so tight it looked as if she was pulling Mars down with her. His dark red cloak seemed to slip down the mountain side with her creating a ladder to the heavens towards the dying god. She was clutching feverously to his Birkeland Current causing the once ardent reliable wheel to look more like a red ball resting in a glowing cup with Great Saturn behind them trying to hold fast to the ravenous reigns of lighting that he might regain his adoring bride. Mars collected his strength into a towering double pronged thunderbolt sword and cut his own electromagnetic umbilical cord, sending him and Dad Saturn jutting out into space until they could gather their bearings and find new places to orbit. It gave Mars Olympus Mons, the biggest belly button in the whole solar system but almost completely stripped his magnetosphere. He said it was worth it. He's always been a hard ass.

Dad moved far away and got a bunch of new wives. I think he's going through a midlife crisis. He's always wearing these gold necklaces like they're his crown. Grandpa Jupiter makes sure he keeps his distance. He's close enough to keep an eye on us but, that asteroid belt restraining order is still in effect.

Meanwhile, Mom went sliding down the current tube that Mars sliced with his Thunderbolts. Our once glorious flower mother Venus was a fallen woman. The Hebrew Earth people were always fond of Dad. He called them "his people". When Mom fell, they gave her the name

Lucifer. I guess she deserves that. She still shines her own light in the morning. Even with her back to the Sun, you can feel her warmth. They say she's a planet now. But, to us, she'll always be a star.

Earth didn't take it very well. All of her parts were disconnected in the shuffle. Water spilled all over her dress and her beautiful perfect land formation was shattered into pieces. Now there was water everywhere and none of her inhabitant friends were talking. All their hard work was all over the place. Nothing looked the same as before. Her therapist told her getting a pet would make her feel better so she rescued a dog named Moon. She definitely keeps Earth balanced but she can't take her eyes off the Sun. Some days Moon won't even look at her. But, at least she's not alone.

This Royal family fell prey to an unfortunate statistic that haunts too many families nowadays, divorce. It was an ugly one, too.

There are too many versions of this story to count. Even though we can't imagine how horrifically traumatic it must have been to live through such cataclysmic events, they have made a deep impression. So deep, we can't even remember them. Most stories are personified accounts of familial dysfunction associated with specific occurrences in the sky. Julian West of **Myths Are History**, did a wonderful animation and explanation of the planetary movements and how they align with various ancient historical records from around the world in his three-part series, **"The Jupiter Myth."** After watching the Solar System rearranging itself presented in tandem

with the tales that we modern humans have brushed off as the fantasies of the human gods of imagination, it all suddenly became not only believable but completely real. Blew my mind!

Kindred Spirit indeed!

If we draw what we see, if we write what we know, if we interpret our assessment based on our experience, wouldn't these planetary relationships resemble our own family structures? Might the whole thing be seen as the breaking of the home? The idealization and yearning for what once was? Is this what this story looks like nowadays?

Wouldn't all electricity then become the embodiment of the dragon? Couldn't the turbulence of watching the sky change over time force changes of assessment and belief while a retaining critical basis of value? Wouldn't ancient peoples value their families and homes, their stability and security? Wouldn't the electric dragon comet then become the ultimate monster to be conquered to save all of mankind from total annihilation? No tool being mightier than the thunderbolt sword of Mars whose power was so great it could free the Earth from Venus, the mother of all dragon comets. That all tools of war from then on, in every part of the world, ancient to modern, invoke the electrifying Thunderbolts power by emulating its resemblance. Wouldn't you want to keep an eye on the Space Weather so you knew what was coming? Wouldn't it be the most important things to pass on to your children? Wouldn't something this profound be recorded, preserved, symbolized by all of humanity? It was.

Sound familiar? It should. Every part of this story has been told globally since... Well, since all this happened. Choose any and apply. We give them different names and adapt our characters but scientific discoveries are breathing new life into the heart and soul of common history we all share. How does this new understanding of our history and Universe change the heart and spirit of our future?

## Chapter 7: Humangets Electricum



*"Gravitation is not responsible for people falling in love."*

Albert Einstein

*mag·net*

*'magnət/*

*noun*

*noun: magnet; plural noun: magnets*

*a piece of iron (or an ore, alloy, or other material) that has its component atoms so ordered that the material exhibits properties of magnetism, such as attracting other iron-containing objects or aligning itself in an external magnetic field.*

*synonyms: lodestone; .*

*electromagnet*

*"you can test if it's steel by using a magnet"*

*archaic term for lodestone.*

*a person or thing that has a powerful attraction.*

*"the beautiful stretch of white sand is a magnet for sun worshipers"*

*synonyms: attraction, focus, draw, lure, mecca "a magnet for tourists"*

**Googled it.**

Have you ever gotten so caught up in the thought of a song while driving, you actually felt the feeling of the song and then that song suddenly shows up on your radio? I've noticed Pandora radio is amazing at this. Saying just the perfect thing at just the right time. Pandora's algorithms are so in tuned to mine, I silently dare her to play songs and she will frequently acquiesce. Sometimes she gets an attitude and keeps the song from me and then plays it at an inappropriate or inopportune time to taunt me. That's when I wonder if it's real. Is it real?

So.... What if I told you that you are a magnet? But... For serious though? How often do we hear someone referred to as an attracting force? "That guy's a chick magnet." "She's got the Midas touch." "I swear, trouble just follows that kid around." When we say our attitudes are creating

our lives, is that metaphor? Or, is it reality? Is it luck? Is the cloud following Eeyore? Or, is he dragging the cloud around with him?

When we think about ourselves, our parts, our bits, the animal, vegetable, and mineral that is human, in this big electric field of Earth, and Solar system and Galaxy, how do we describe our interactive make up? We are, essentially, iron laden sacks of salt water with mineral conduits conducting electromagnetic impulses throughout our systems to activate us. Wouldn't it then stand to reason that we are conducting interaction on an electromagnetic level with all other charges we come in contact with? However far reaching that contact might be? How often do you think of a friend then they call you? It's weird how we were all thinking about pizza for dinner. Seems like everyone is on edge today. You could feel the excitement in the stadium. The whole crowd was on fire! I knew you were going to say that.

I have an active open dialogue with basically everything around me at all times. Though, the majority of the conversation remains internal, I have been known to talk to stuff with fairly measurable success. As I've been working on this, I've sent sections here and there trying to stir a hear and scare, as others keep my perspective open. A friend and I were on my front porch enjoying the spring evening. I was explaining to her the who, what, when, and where I'd sent the sections and expressing some hopes and fears. Just as I finished the sentence, "..... and I hope to hear back about it soon," a bird flew up the front steps, right in between us by less than a foot, and slammed itself right into the front door. Whack! Then it flew away. My friend and I were both quite startled. Birds have been seen as messengers. They visit me often. This one seemed

pretty urgent. The very next day, a friend in Florida, Julius, messaged me and offered to help with editing, proofreading, and marketing for this book. He even set up a website for me under a spare domain name he had he wasn't using. The bird was a confirmation. This is my every day when I allow it. Is this the great connection?

The Ancients saw everything this way. Everything was interwoven. Spirits were ever present in this vision. All things had souls. There were even souls who didn't have things. To the ancient Chinese, all electromagnetic activity became dragons. Long before Ben Davidson, the dragons delivered the space weather. Twin mustached Birkeland dragons and plasma dragons from the Sun who angrily spit CMEs. Their behavior related as emotional response to outside stimuli..... But, this historical attribution isn't our only evidence of interaction between the inherent electromagnetic fields.

It is well known and documented that birds and fish use magnetic frequencies to locate mates and navigate to their spawning sites. If a bird evolved from feathered dinosaurs, could a dragon bird descendant have gotten pulled into my Birkland current when I opened myself to answers?

A 2013 **National Geographic** article titled, **Bees Can Sense the Electrical Fields of Flowers**, it was revealed in detail how not only were the bees electrically attracted to the flowers, the flowers also responded to the bee's activities.

*"Dominic Clarke and Heather Whitney from the University of Bristol have shown that bumblebees can sense the electric field that surrounds a flower. They can even learn to distinguish between fields produced by different floral shapes, or use them to work out whether a flower has been recently visited by other bees. Flowers aren't just visual spectacles and smelly beacons. They're also electric billboards."*

The article goes on to explain the electric relationship between an insect and a flower.

*"Scientists have, however, known about the electric side of pollination since the 1960s, although it is rarely discussed. As bees fly through the air, they bump into charged particles from dust to small molecules. The friction of these microscopic collisions strips electrons from the bee's surface, and they typically end up with a positive charge. Flowers, on the other hand, tend to have a negative charge, at least on clear days. The flowers themselves are electrically earthed, but the air around them carries a voltage of around 100 volts for every meter above the ground. The positive charge that accumulates around the flower induces a negative charge in its petals. When the positively charged bee arrives at the negatively charged flower, sparks don't fly but pollen does..... some videos showing that pollen literally jumps from the flower to the bee, as the bee approaches... even before it has landed .....The bee may fly over to the flower but at close quarters, the flower also flies over to the bee."*

They are communicating to each other electrically. Can you do that?

You certainly can. The ancient Eastern philosophies that are stapled in the body's electromagnetic meridians are making their way into modern Western medicine. Each living being has its very own magnetosphere that is resonating off of them right now. There are even medically recognized therapies and benefits to working with the human magnetosphere.

The author of **Energy Medicine**, Donna Eden wrote, *“Modern science is finally recognizing that energy constitutes the blueprint of the physical body. Meanwhile, the energetic vibration of sound can be used to change that blue print in ways that foster health and well-being.”*

Eileen Day McKusick has mapped this human magnetosphere and has done revolutionary work healing individual's physical and emotional ailments using a tuning fork. In her book, **Tuning the Human Biofield- Healing with Vibrational Sound Therapy**, McKusick outlines the human biofield map and details her accounts, methods, and findings. Her results have been outstanding and are easily verified using MRI technology.

"Let me guess. The next thing you're going to tell us is that astrology is real."..... Yeah, well, it is starting to look as if the idea does hold some scientific weight after all.

If we are Humangets Electricum, whose parts are the assembly of star parts, couldn't it feasibly be reasoned that when our charge of life is ignited, that charge would be indicative of the galactic and planetary magnetism of that specific time, place, and star part make up? In the observation study of atoms, it was noticed that if an atom was split into two parts and those two parts were separated by great distances (miles) and one part of the atom was set spinning by a magnet, the

other half of the atom would spin as well. This is known as "quantum entanglement". Both halves spin at the same time, simultaneously, regardless of the distance between them. That means the information communicated between the two parts occurred faster than the speed of light. They do this naturally. In 2017, Chinese scientists were able to set a spin both parts of a split atom simultaneously at a distance of 1200 km. Baffling.

If the Moon can tug on the great mass of the oceans that make up 71% of the Earth's surface, pulling the tides dozens of feet inward towards the shore and back out into itself, what is it doing to the 73% of our bodies that is water? If the magnetism of the Sun and Planets can tug on the strings of Earth causing earthquakes, volcanic eruptions, and super storms, how do the magnetic fields affect our own electromagnetic circuitry?

*"The effects of cosmic rays on our own genetics has led to mutations within the body, within the mind, the brain, that has altered our perception of reality... The correspondence between ancient cosmic ray levels and sudden evolutionary leaps and human technology and art are facts."*

Andrew Collins

We are subject to the electromagnetic fields around us. A study published to **ncbi.nlm.nih.gov**, found -" *An investigation was made of individual reactions of human subjects exposed to electromagnetic fields.... We found that the electromagnetic perception of women being correlated with their individual features.... Human subjects who had a high-quality perception of*

*electromagnetic waves showed an optimal balance of cerebral processes, an excellent functional state of the central nervous system and a good decision criterion."*

"... *correlated with their individual features.....*" That's saying that people who have a healthy electromagnetic balance are better at receiving electromagnetic activity and processing it in a more balanced way. I'd venture to say they are probably more balanced, stable people but in reality, being a fluid electromagnetic conduit is too much for some. Especially, when the person doesn't realize that it is a very real physiological experience that they have the power to direct. Balanced energy flow. Inner peace. We all respond according to our individual fields, the healthy balance of our internal conductivity.

A horoscope is simply the charted placement of planetary bodies on a particular date and time held juxta to the placement of those bodies at an individual's place and time of birth. Any interpretation of said charts, while methodized and structured, is still completely subjective to the interpreter. That being said, astrological horoscopes have been a historical mainstay in every culture from ancient to present, civilized and indigenous.

Personality traits were attributed to the perceived traits of celestial bodies of the gods. We've talked about a few of the planets and how they came to be "known" as they were/are. But, what about the rest? The entire sphere of Space around us has been charted out in accordance to the placement of constellations. Facing outward along the circumference of our orbit we see twelve starry figures surrounding us. These figures are known as the Zodiac. Each Earth year is divided

into twelve sections for each of the Zodiac members. Each of those are Ruled by a planet. Each planet also has a house which represent different aspects of life. Venus rules the house of social, romantic, artistic, harmony. While Mars rules the house of action, desires, conflict, initiative. The constellations that make up the zodiac are spoken of as if extended family. Much like saying, "You're so much like your Aunt Sue," saying, " You're a Virgo" is simply a reference for a particular personality trait. So, say a chart in Western Astrology puts Mars in the 3<sup>rd</sup> house of communication, the risk of becoming aggressive in speaking becomes apparent. Maybe another day would be better to discuss a matter. Astrology was meant as a means to read the energy currents of the day and inform one on how those currents may interact with the individual's currents.

Sometimes, when I stare at images of Space, figures appear to me. They shine their anatomical features to me in light and shadow. I then run the images through a series of photo filters, adjusting them just so, until the figure is apparent to you as well. I pick at the cloud nebulae until their spirits emerge. Kind of like when Michelangelo talked about removing the unnecessary stone to reveal the sculpture trapped inside. A part of me hopes they are the spirits of our ancestors who are in a different dimension. The light that was within them now visibly present so far beyond out. Is that just a weird way of seeing Heaven? Is that how the Ancients saw it?

The Ancient's educated interest in astrology is outstanding. Far beyond our comprehension or understanding today, we must consider how much Truth and tangible substance this “science”

must have had in their lives to have not only survived, but been invested in, cherished, revered, feared, and preserved as it was.

Even the famous 17<sup>th</sup> century mathematician and astronomer, Johannes Kepler did horoscopes to pay the bills and came to his ground-breaking conclusions while still under the impression that his horoscopes had real factual information. We wouldn't have his knowledge of planetary orbital behavior if so many people hadn't relied on him to read their stars.

As I write this, it is June 14 and 15, 2017. Saturn is in opposition to the Sun. On June 15, Saturn, Uranus and the Moon are all 120° apart forming what is called a trine. When that trine is connected to the Sun, it creates a kite formation. On June 14, Jupiter and the above mentioned trined planets were all 90° apart from each other in a square. These arrangements are acknowledged in both astronomy and astrology alike. No qualms there.

Electric Universe Theorists utilize these planetary alignments to help predict space weather, Earth weather, earthquakes, etc. In fact, these alignments are an integral part of space plasma and electrical current study. But, even in this brave New world of Sciences, the idea of applying such electromagnetic interaction on a human level remains strictly on an acceptable Sciences basis and Astrology still does not make that cut.

In Astrology, when two planets are in opposition, there are obstacles that need to be overcome. When planets square they bring friction and hurdles that cause us to grow and become

productive. A trine brings ease and comfort. I've included the attributes of each planet, house, sign and alignment in the Electromagic Alphabet for you to draw your own conclusions.

On these two days, these events occurred: London tower fire, a man opens fire on US Congress members at a baseball practice in Virginia, a San Francisco UPS employee kills 5 on rampage, a devastating explosion at a Chinese kindergarten, large quake swarm at Yellowstone with a 4.5er, June 14- 6.9 quake in Guatemala, June 13- 6.9 quake Greece, South African meteor with a -28 brightness "shakes" Earth. In my personal world, a longtime friend and employee at my place of business was let go on harsh terms, the flower shop where I work part time was suddenly inundated with funeral work for five funerals in one day, my friend's dad passed away, and at least four people I know backs suddenly went out resulting in actual vertebrae damage. Also, it was Father's Day here in the US; Father Saturn. On June 18th, a 4.5 earthquake in the Arctic caused a tsunami in Greenland that as of right now has left 4 dead.

That's just this year's Saturn opposition. I urge you to do your own research on past Saturn oppositions especially the one in 2012 when our Solar System was also crossing the galactic current sheath and dipped down below the into the opposite side of the galactic magneto skirt.

Which also makes me wonder, if you go to the opposite side of the equator on Earth, the toilets flush in the opposite direction. What then happened when we crossed that ecliptic? Are we somehow "flushing" in the opposite direction? Are we in the slushing process of a direction change in our spiral? What happens when it evens out?

Planetary geometry was also a factor in the development of a series of catastrophic hurricanes and earthquakes that ravaged the Gulf of Mexico and the Caribbean in 2017, and the cyclones and typhoons that simultaneously took down parts of India. But, this time, it was a conjunction. As Saturn conjoined Mercury, the Sun spit out two large X class flares which were then “digested” by our capacitor planet. Add a little extra fuel with the particulates peppered on our atmosphere by the Perseid Meteor shower and a couple of electric asteroids truckin’ by the Sun and you get one of the most hellacious group of storms modern history has seen.

For Astrology, Saturn's house is a house of heavy responsibilities that test our abilities through difficult challenges, obstacles and restrictions. In opposition, these obstacles must be resolved. Mix this ingredient to the recipe in the Electromagic Alphabet and it starts smelling like the horrible challenges of the past few months might have been cooking in the Stars. But, here is the point where we can fail to remember: we don't have to stand outside in the rain and let it drench us to the bone. We have a choice to go inside. We could check the weather and know on days like these we might do well to carry an umbrella. We might remember people may be on edge today and to be gentler with ourselves and others, maybe try not to take things personal. To use the contexts of planetary and star alignments to help us all be healthier people. Aren't we a part of the energy hierarchy that is the Electric Universe? Could this interactive link between us and all of it be what we already know as intuition? Isn't a horoscope just a personal facet of the Space Weather?

There's a group of researchers whose focus on the effects of electromagnetic solar activity on the human body systems. They are the **HearthMath Institute**. The evidence they have collected is astoundingly conclusive. The human body, individually and collectively, is directly related to the solar system weather. Published in the **Int. J. Environ. Res. Public Health** 2017, 14(7), 770 on July 15, 2017 these findings are available for further analysis. **Synchronization of Human Autonomic Nervous System Rhythms with Geomagnetic Activity in Human Subjects**

*"Human regulatory systems are designed to adapt to daily and seasonal climatic and geomagnetic variations; however, sharp changes in solar and geomagnetic activity and geomagnetic storms can stress these regulatory systems, resulting in alterations in melatonin/serotonin balance, blood pressure, immune system, reproductive, cardiac, and neurological processes. Disturbed geomagnetic activity is associated with the intensification of existing diseases, significant increases in myocardial infarction incidence and death, changes in blood flow, aggregation, and coagulation, increased blood pressure, cardiac arrhythmias, and seizures in epileptics....Overall, the study suggests that daily autonomic nervous system activity not only responds to changes in solar and geomagnetic activity, but is synchronized with the time-varying magnetic fields associated with geomagnetic field-line resonances and Schumann resonances. A likely explanation for how solar and geomagnetic fields can influence human nervous system activity is through a resonant coupling between our nervous systems and geomagnetic frequencies (Alfvén waves), or ultra-low frequency standing waves in the earth-ionosphere resonant cavity (Schumann resonances) that overlap with physiological rhythms."*

Let me repeat that. Every culture from ancient to present, civilized and indigenous, all utilized astroLOGY. How could a prevalent science, so universally regarded, be completely discarded as hoo-ha rubbish by a few generations of misinformed skeptics? As more and more scientific discoveries unveil the true interconnectedness of it all, they are inadvertently proving the truth in all camps.

In the words of one of my favorite founding fathers, *"Courteous Reader, Astrology is one of the most ancient Sciences, held in high esteem of old, by the Wise and the Great. Formerly, no Prince would make war or peace, nor any General fight in battle, in short, no important affair was undertaken without first consulting an Astrologer."* - Benjamin Franklin.

Ouch! Did I hit a sore spot? I knew this would getcha. But, in light of everything we've talked about so far, doesn't it kind of make sense? And that's not all.....

In 2017, NASA researchers announced that human technology has created a bubble around Earth effectively barricading our planet from outside radiation. **The Atlantic** posted the headline, **"Humans Accidentally Created a Protective Bubble Around Earth."** Hmm....., "Protective Bubble"? I had to know more.

**Futurism.com** posted an article titled, **"Human Activity May Have Caused a Barrier That Shields Earth from Space Radiation."** It says...

*"The study, which was published in the journal Space Science Reviews under the title "Anthropogenic Space Weather", was conducted by a team of scientists from the US and Imperial College, London. Led by Dr. Tamas Gombosi, a professor at the University of Michigan and the director at the Center for Space Modelling, the team reviewed the impact anthropogenic processes have on Earth's near-space environment.*

*These processes include VLF and radio-frequency (RF) radio communications, which began in earnest during the 19th century and grew considerably during the 20th century. Things became more intense during the 1960s when the United States and the Soviet Union began conducting high-altitude nuclear tests, which resulted in massive electromagnetic pulses (EMP) in Earth's atmosphere. To top it off, the creation of large-scale power grids has also had an impact on the near-space environment. As they state in their study:*

*"The permanent existence, and growth, of power grids and of VLF transmitters around the globe means that it is unlikely that Earth's present-day space environment is entirely "natural" – that is, that the environment today is the environment that existed at the onset of the 19th century.*

*This can be concluded even though there continue to exist major uncertainties as to the nature of the physical processes that operate under the influence of both the natural environment and the anthropogenically-produced waves."*

Let these guys break it down a little more for you... Remember this part from earlier? **Mapping the magnetic bridge between our nearest galactic neighbors**

*"The radio emission from the distant galaxies served as background 'flashlights' that shine through the Bridge," ..... "Its magnetic field then changes the polarization of the radio signal. How the polarized light is changed tells us about the intervening magnetic field."*

*A radio signal, like a light wave, oscillates or vibrates in a single direction or plane; for example, waves on the surface of a pond move up and down. When a radio signal passes through a magnetic field, the plane is rotated. This phenomenon is known as Faraday Rotation and it allows astronomers to measure the strength and the polarity—or direction—of the field."*

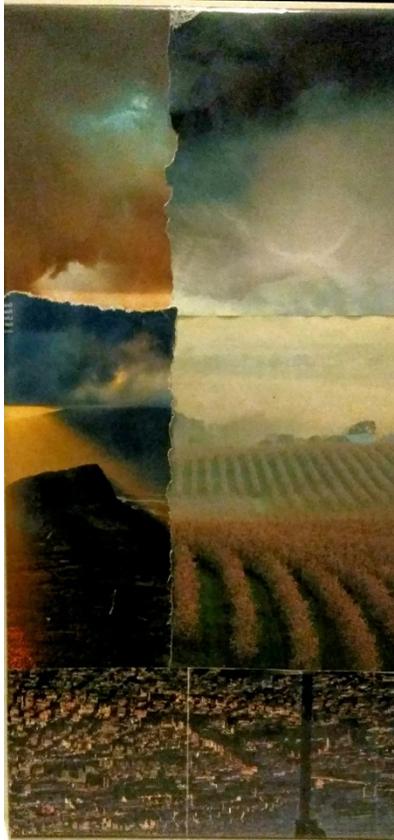
Basically.....We've corrupted our pond ripple. They have no idea what the effects of it are. If the Earth is a capacitor in the Electric Solar System, shouldn't we be plugged in? Did we "corrode" our conductor thus insulating contact and now all the living beings on the planet are disconnected, cut off from outer space? In the context of the Electric Universe, does this "bubble" really "protect" us? Does it hinder us Earthlings in any way(s)? Was it the result of an ill-conceived plan of the short sighted? A faux pas? Or, did they mean to unplug us? Whether it was intended or not, what is the reality of the situation? What happens if we plug back in?!?

If it is all repeated and it turns out this is an expression of an atom, wouldn't we then be electrons? We need grounding and feel incomplete and or inadequate unless attached to others. Aren't we at our finest when we are one of many things that feel the net that is everything and attach ourselves to it? Would the great idea of Buddhism detachment then be the first step to neutralizing ourselves, our charge, so we can then become a being of light or a photon? In a physical sense, since plants are producers who convert light into energy, does that make them

beings of light? When their roots take in nutrients from soil enriched with the remnants of our decayed forms, have we then become one step closer to the light? My friend Buddy laughed and lovingly said, "It's an Earthbound Soul-Our System." When we find ways to "raise our vibration" are we trying to become positively charged ions in an attempt to rip away our negative electron charge and flip polarity to a positive proton as the next step in becoming a lumen packet? Do we get to pick the color wave we surf or is the spectrum just the next hierarchy of steps towards pure white light? Then what?

My question is, if we are "attached" electromagnetically to the outer celestial bodies via the quantum entanglement of our parts, was the change of paradigm predicted for 2012 the part where we crossed the galactic current sheath and reset the spin of our particles the part where we are now able to shake free from our negativity charged outer bonds? Are we all set for change?

**Chapter 8: The Deconstruction of The Yellow Brick Road**



*"Unfortunately, our education system reinforces settled science because claims against it are not presented to challenge budding scientists to think about alternative views, the life blood of scientific progress. Having students look for and compare the predictive successes of alternative models is an excellent way to train them to do real science."*

Wal Thornhill

*"I buy ya' books and buy ya' books. Ya' bring home every stray dog in the neighborhood."*

Grandpa Hall

### Part 1: What Happened to The Munchkins?



I went to school in Dearborn Michigan, Henry Ford's home town. It's a beautiful, family-oriented town that has managed to not just stay afloat, but to thrive and grow even through a wavering economy. Ford made a park there called **Greenfield Village** with brick-by-brick imported buildings from various historical events and people. Edison's workshop is there and the Wright Brothers' studio amongst others. Together with the Henry Ford Museum, they are now called, **The Henry Ford**. When were kids we would go and see all the stuff that shaped the present of the country and then, the world. You can see the car JFK was assassinated in and then go drink strawberry effervescence out of a noodle straw at a 17th century tavern. It's one of my favorite places.

Henry Ford's house is in Dearborn as well, **The Henry Ford Estates**. I love it there too. It's a sprawling 350-acre wooded property right in the heart of the city officially named, **Fair Lane**. Butted up to the Rouge River, this 'lil piece of automotive Heaven boasts several out buildings, two reflecting ponds, its own private lake, a waterfall, and my old friend the lovely ancient, weeping beech tree. On one side of the stone anchored mansion, a lilac'd trail leads past a Rose garden. At the break in the trail are stone stairs walled by windows on either side. To the right, was a boat garage and a small boat. To the left a stone shed. There used to be a room full of rows of old black car type batteries displayed in those windows. They were in case of power outages during WWII. A while back, the estates' grounds commissioned a revamp and removed the batteries and converted the room to greenhouse storage. The boat garage now stands empty. They said it was for preservation and conservative. Seemed a strange move for a foundation rooted in the preservation of history to remove the displayed examples of that history. That's just the tip of the Dearborn iceberg.

Back in the day, Henry Ford basically owned the whole of Dearborn. His assembly lines drove a great migration of southern farm workers and immigrants to the Detroit area. He had homes built in pre-designed neighborhoods and allocated them to workers according to rank. The higher the rank, the better the home. And, if you occupied a Ford home, you were held to the highest expectations of quality in your daily living. Ford sent inspectors around intermittently to assure this. Yes, you heard me correctly. The people who lived in the nicer "white collar" houses would come in to the lesser "blue collar" houses and rate their standards of living. Competition was

high. Expectations were high. A prestige that still rules this roost. If, for any reason the residents were deemed unfit to reside in a Ford home, the line of people who could better care for their accommodations was unending for obvious reasons. These homes are now independently owned or leased by the occupants. They are still very nice, well-kept neighborhoods.

While today, The Ford Motor Company is a gracious and responsible equal opportunity employer, and the city of Dearborn is a welcoming home to a diverse community, it didn't start out that way. Henry Ford was loved by his peers for his glittering militancy. He was an ardent anti-Semitic too. Adolf Hitler being one of his biggest fans, would send Nazi soldiers to bring personal birthday wishes to the Great and Powerful Ford. The Mayor also loved him.

According to the Wikis...

*"Orville Liscum Hubbard was the mayor of Dearborn, Michigan for 36 years, from 1942 to 1978. Sometimes referred to as the "Dictator of Dearborn", Hubbard was the most outspoken segregationist north of the Mason-Dixon line."*

Henry Ford along with Mayor Hubbard, and their cronies devised a taxation plan aimed at keeping certain groups of people away from his company, dealings, city, and money. They basically set up special interest immigration policies that allowed tax breaks to people from certain middle Eastern countries. Then, they bought up all patents on any competing designs and discredited anyone who spoke out against them. Ransom E. Olds' assembly line was modified to

include the human mechanism. In Ford's version, the cars moved while the people remained stationary. Alternating current was applied to both human resources and economics. Cogs set in place spin as the gears multiply exponentially around them. This machine feeds itself. King Ford ruled on his throne over his neatly assembled, automotive nation. And, the peasants rejoiced.

Maybe I was wrong to call him "The Great and Powerful Ford". In retrospect, Ford seems more akin to the Wicked Witch of the West whose flying monkeys were sent to thwart entry into the Emerald City of the Electric Universe. Establishing, instead, a precedent for wide spread for-profit industrial dependency. It was the beginning of the total disconnect. Doing everything in their power to keep us from reaching the man behind the curtain. Pushing especially hard in the decades after all the world's good magic squashed the evil sister, Hitler, wicked witch of the East, and stole back our Ruby slippers.

What amazing magic secrets do these slippers hold? It can't possibly be petroleum. There's far too much of it and it is everywhere. Why choose these particular countries in the midst of such global upheaval? How could such a national power house so blatantly use one groups religion and bias against another's to simultaneously discriminate and inculcate the population of the masses without losing his own honor in the process? What other secrets did this deal buy? Who else was in on this? Hitler was famous for his fascination and inclination toward the occult. Was Henry Ford in on some energetic plan to subservient the population? Was the discovery of greater secrets of our electromagnetic power hidden from us to ensure the power of the leaders of this great industrial empire? Why would they build a sand castle inevitably destined to fall?

If you could consider what Hitler did to be akin to shocking the world with a very direct current of power, then could you also equate what Henry Ford did to an assembly line Tesla Coil creating voltage from the static human resources available and alternating currents of money and political power to fuel and grow his empire? Is that alternating current the reason Ford's machine still survives?

The first time that I heard the story of King Ford's affiliations, I was 14 years old. I've been thinking about it ever since.

These three stooges, Ford, Hubbard, and Edison stick out to me because they were locals. They're everywhere in town. We hung out at the same bar. But, they weren't the only ones up to these shenanigans. And, they certainly weren't the ones who started it. There's a colossal book called, **The Culture of Make Believe**, that really digs into the nitty gritty of the true history of Western culture. Highly recommend it. It is a step by step truth be told history book that tells the stories that got us here from the side of honesty, no matter how hard the victors have hailed otherwise. The author, Derrick Jensen, is an American Environmentalist and Author who, Democracy Now! called "The Poet-Philosopher of the Ecological Movement". **Language Older Than Words** is Jensen's quintessential piece. It is his personal journey to the interconnectedness of it all. Through communication with animals and seeing how their voices are being "silenced" by the ways of Western culture, Jensen learned to understand the silencing of the personal weight

of the experiences he carried from his own abusive upbringing. The silencing of the traumas our own culture have instilled deep within us.

The idea is, you can't talk about it. And, you can't talk about the fact that you can't talk about it.

Because when you talk about it, you have to look at it. If you look at it, you can't continue to pretend it doesn't exist. It does exist. All of it exists. It will not remain silent.

## Part 2- Just Outside of Kansas



In 2006, I moved to a little town in Colorado called Manitou Springs. Manitou is an old western cowboy who traded his spurs for Birkenstocks and now sips microbrew with anarchist pirates in the penny arcade when the tourists have left for the winter. It's a little place where people live between the Majesty of the peak and giant, towering, red rock slabs that guard over the mountain. From Pike's Peak to the Carlsbad Caverns in New Mexico, these stone sentries keep their ever-present gaze to the East, watching the flat planes curve around the Earth before them. This sacred land is known as the Garden of the Gods. Tesla had built a hydroelectric plant there

in 1899 to gather power from a very small creek called Fountain Creek. It follows the cog rail train tracks up Pike's Peak. The power plant is still in use there today. Tesla went to that spot because of its tremendous energetic currents. The whole mountain is a giant energy receptor. It's quartz, mica and feldspar. It was beautiful there.

*"Arriving at Colorado Springs in May 1899, Tesla went to inspect the acreage. It was some miles out in the prairie. He told reporters that he intended to send a radio signal from Pikes Peak to Paris, but furnished no details.*

*In the midst of Colorado's own incredible electrical displays, Tesla would sit taking measurements. He soon found the earth to be "literally alive with electrical vibrations." Tesla came to think that when lightning struck the ground it set up powerful waves that moved from one side of the earth to the other. If the earth was indeed a great conductor, Tesla hypothesized that he could transmit unlimited amounts of power to any place on earth with virtually no loss. But to test this theory, he would have to become the first man to create electrical effects on the scale of lightning.*

*The laboratory that rose from the prairie floor was both wired and weird, a contraption with a roof that rolled back to prevent it from catching fire, and a wooden tower that soared up eighty feet. Above it was a 142-foot metal mast supporting a large copper ball. Inside the strange wooden structure, technicians began to assemble an enormous Tesla coil, specially designed to send powerful electrical impulses into the earth."*

**PBS- Tesla, Master of Lightning- Colorado Springs**

How could this happen? How could the candle of it all be stifled out just before the birthday wish? We were all so close to knowing what they had discovered; so close to a different world. They used another old tool with a new name - Cognitive Dissonance.

*cognitive dissonance*

*noun Psychology.*

*anxiety that results from simultaneously holding contradictory or otherwise incompatible attitudes, beliefs, or the like, as when one likes a person but disapproves strongly of one of his or her habits.*

**www.dictionary.com**

In his dissertation, **Global Warming in a Climate of Ignorance**, Wal Thornhill broke it down for us....

*"1. The treatment of former competing claims as 'Settled Science' rather than routinely checking them against new observations. Claims against 'Settled Science' are completely ignored.*

*2. The tendency to stop learning of alternative inferences which originate from alternative scientific frameworks once a believable one is found.*

*3. The idea that we can simplistically rule things out in the sciences sufficient to proceed, only forward- never backwards- in the manner of Sherlock Holmes."*

Causes. Problems. Solutions. They're like the pieces of ripped magazine pages strewn all over the floor. Landscapes, mountain sides, feathers of birds, a reflection in a muddy puddle. No matter how you tear it, the lines will find a way to organize, shadows will share spaces in the corners, texture will marry into the highlights and a whole new form will take shape. Smaller parts of broken things resemble each other enough to remember what they used to be and try to become that again, over and over to infinity. All the Sciences, all the histories, all of the spiritual gifts, all of the people. How do we dance all the parts together? At what spectrum can we all perceive the same whole? Do we really need the glue? What is the glue?

"Curiouser and curiouser." Cried Alice!

A couple weeks after moving to Manitou, I saw the most beautiful flash of light cross the sky above me. It flashed in a POW! When it crossed into the atmosphere everything it touched became light. For a split second, it was my new Sun. It arched a blue green trail behind, narrowing itself to a tight pinch like a high diver in ready for its impact with the below. I was a passenger in a car hurling toward a star that was trying to meet me at my house. BOOM! I saw just where it landed. I had hiked that trail and knew just where to go to see if there was anything left to gather. It was up by the cog railway. A little way up the tracks along the fence, where the top of the road and the bottom of the trail meet, lined to the embankment with its toes in the creek, stood an old red brick building with a bright red roof. It was the Manitou Springs Hydroelectric Plant built by Nikola Tesla, still in operation today. All that power from one little creek. Got me thinking, there has to be something more to this.

What else is abundant in the Pike's Peak region? There's quartz and mica, pinion pines, green chili (I do miss the green chili), military personnel and bases, the Big Red Button, bears, of course, and hippies. But what else? Hmm, it has to be the gold. There's gold in dem dere hills. Lots of it! And, in case you didn't know, gold is an excellent super conductor.

### Part 3: Building with Ingots



Fun Facts to Consider:

- A person's height is generally the equivalent to their arms span from the tip of the middle fingers. (Go ahead and try it. I'll wait).
- The ratios between the disk circumferences and the distances between the Earth and the Moon, and the Earth and the Sun are so perfectly in tune, they both appear to be the same size when viewed from the surface of the Earth. This allows for total solar and lunar eclipses.

- The measurement used to gauge distances within our Solar System is the distance between the Earth and the Sun is approximately 93 million miles (give or take because it's an ellipse), and is referred to as an Astronomical Unit, A.U. Earth is 1 AU from the Sun.
- On the periodic table, the symbol for gold is, Au. From the Latin- aurum or "shining dawn".
- It is said almost all the gold on the planet was delivered here from outer space via meteors.
  - The abundance of gold on Earth's crust is 4 parts per billion by weight. Compared to 1 part per billion by weight in the solar system. Gold's abundance on Earth could make us a planetary "gold mine".
  - Gold is diamagnetic. The peeps over at nationalmaglab .org say that "***diamagnetism, another magnetic phenomenon, (means that the) electrons within a substance respond to the outside magnetic field by, essentially, spinning faster. All this spinning generates magnetic forces that resist the outside field.***" This resistance causes the diamagnetic material to turn itself 180° to the outside field. Under the right circumstances, diamagnetics can levitate!
- Gold is extremely ductile and malleable. A single ounce can be spun into thread 5 miles long or can be pounded into a 300 ft<sup>2</sup> foil so thin it may appear to be greenish blue because it so strongly reflects the spectrum wavelengths of red and yellow.
  - Thin layers of gold are used on space craft and space suits to protect astronauts and instruments from space radiation.
- We can trace our relationship with gold back at least 6200 years.
- Humanity has assigned a value to everything in relation to an economic equation based on the weight of gold. The Gold Standard.

- The melting point of gold is 1,948°f. So, I thought, ok, let's try it... 1948 was the year of the Arab Israeli War that established Israel as an independent nation.

- The melting point of gold can also be measured as 1,064° Celsius. In the year 1064, the quest towards the first of the Crusades began. And, in the same year in Caen, France, the first Gothic cathedral was built at Saint-Etienne. Ok, slightly weird....

- When I subtracted the boiling point of gold using the Fahrenheit measurements, 5,378°, from the current Hebrew year of 5,775, I got 397. So, I looked it up and I found this on

**gotquestions.org.....**

*"In AD 397 the most important of the Carthage meetings was held. This is the one most commonly referred to as the "Council of Carthage." What we know of this council is limited, as the only surviving records are indirect accounts and depictions in other sources. The foremost result of this convention was a list of the biblical, or the "accepted" books of the Bible. The Council of Carthage listed the 27 books of the New Testament, as well as the 39 books of the Old Testament, but it also included several books not part of the typical canon, such as Maccabees and Esdras. These books are part of what is known as the Apocryph and are not considered inspired texts." (The whole Council of Cartage thing is a subject of much debate.) Thanks Universe!*

- In Celsius, the boiling point is 2,970°. The Hebrew year 2970 is the year 273 AD in our Gregorian calendar. In that year, Roman Emperor Aurelian's army sacked Palmyria and reunited the kingdom back into the Roman empire. According to Roman tradition, Emperor Aurelian's mother was a priestess of the Sun worshipping cult of his village and it was said that he was

entrusted to carry on the deity's cult in Rome. (Remember that in Roman times the Hebrews considered themselves the chosen people of the father Sun god Saturn).

- There are about forty active calendars in use on Earth today.
- We were taught that BCE meant "Before Christ Era", and AD stood for "After Death" or Anno domini, which in everything I've looked up says means "the year of our Lord". But, BCE stands for "Before Common Era" and the direct translation of Anno is "year" and domini is "of" so "The Lord" really isn't in the equation at all until we insert it there. Anno domini is simply the "year of".
- According to the Chinese calendar, it's the year 4715. Their calendar started counting in the year 2637 BCE when Emperor Huangdi invented it. *"The Chinese calendar is based on exact astronomical observations of the longitude of the sun and the phases of the moon. This means that principles of modern science have had an impact on the Chinese calendar."* Good looking out **webexhibits.org**.
- The term Ages as Defined by a unit of time describes the duration of time our Solar System is in the sector of a particular Zodiacal Constellation.
- The Age of The Old Testament in The Bible is said to be during the Age of Aries; The Ram or Lamb. Proceeding the Age of Aries was the Age of Taurus; The Bull or Calf. The New Testament of The Bible refers to The Fishers of Men and the Christian Symbol of a fish are calendar indicators for the sign of Pisces; The Fishes. We are now at the tail end of the Age of Pisces heading into the age of Aquarius. Aquarius is "The Water Bearer" but is also associated with the natural element of air and in the Tarot, is represented by the Star card. Could this bringer of the "Air" "Water" "Star" be some reference to the fourth state of matter, plasma?

- Humans decided what year it is.

Most of the above is debatable. What is not debatable, is that this is the information readily available to the searching public. Search ye o' the great interwebs and this is what ye shall find.

Why are they telling us this?

Here's something else I found that is not theoretical.....

An article published in the **Washington Post** on October 4, 2012 talks about a bacterium that metabolizes a toxic chemical and subsequently, excretes elemental gold.

*"A bacteria that poops gold? ... This microbial magician, named *Cupriavidus metallidurans*, when placed in a minilab full of gold chloride, a nasty toxin, gobbled up the poison and, in about a week, processed it out as 24-karat nuggets of the precious yellow metal."* These little guys are making gold right here on Earth! What percentage of Earth's gold is *Cupriavidus* poop? Where else could gold be produced?

The old adage says to "dig deeper" so that's just what a group of scientists from the University of Granada did. By looking at 'xenoliths', small fragments of magma volcanoes have pushed up from deep within the Earth, they were able to find little hair like slivers of gold and other mineral deposits formed in what is thought to be the mantle area of Earth's interior. González Jiménez says-. *"Their separation was caused, among other factors, by the ascent of a 'mantle plume' from the deep mantle, which broke the crust (much thinner and fragile) and caused the separation of the two continents [Africa and South America]. The ascent of said deep mantle plume generated a true chemical factory that enriched the mantle with metals, which would later generate the conditions for the creation of gold deposits. This time the process was caused by the movement of a tectonic plate*

*under another, allowing the circulation of metal-rich fluids through the cracks, which precipitated the metals and concentrated them near the surface".*

If the Earth is an electrical capacitor and if elements can be formed in the atmosphere in accordance with the Starwater theory, it would be absolutely logical that the heavier of the elements would be formed within the in the electrical transferences of Earth's tectonic capacitor sheets.

"Tectonic Sheets?", You say.... "Sheets", yes. It seems everything in nature is built in layers. Plates sit on tables. They are separate entities that maintain their forms regardless of the surface on which they sit. This doesn't seem an adequate description. Sheets are thin and form their shape around the surface on which they lay. Their topography is a description of what lies beneath. If it is traditionally known that nature builds on the phi angle of the golden ratio, why would the Earth be any exception? Why do we settle for just three layers? Even what we know as the "Crust" is obviously layered. Why would the layers suddenly stop just because they changed their official state of matter? When we look at the images of Saturn and Jupiter, we see alternating bands of gasses swirling in opposing directions spiraling around each other. This same effect is seen in galaxies, satellite data of large storms, smoke rising up through the air, and cream descending though the black of coffee, as above, so below. What is the topography of the layers below the surface? If there are as many layers from the solar wind to the surface of the Earth as there are for light to reach the back of our eyes, are there at least this many layers for the underground elements to go through before they reach the layer that's receiving them?

On top of that, The European Magnetic Field Agency found out some very interesting things when they broke gold particles down into nanorods and put them in water.

**“Like most materials, bulk gold is diamagnetic, exhibiting only a weak response to an external magnetic field. EMFL Researchers from the HFML Nijmegen, in collaboration with scientists of Leiden University, The Netherlands, have now found drastically enhanced diamagnetism in gold nanoparticles. Using a new, very sensitive, magneto-optical technique, the researchers were able to determine the magnetic response of gold nanorods suspended in water, to find a diamagnetic signal that is 14 times larger than that of bulk gold. This effect can be attributed to the behaviour of the free electrons within the small nanoparticles and represents an alternative source of magnetism. The result is published in Physical Review Letters on September 17, 2013.”**

The EMFL article also states that gold nanorods are “size-tunable” and are a “functional molecular binding point.” The nanoparticle dance together in an oscillated response to light and display a beautiful array of colors which can be used to trace organic compounds. The light of the gold shines the way. Quartz crystals enjoy a nice oscillation too. 780,000 oscillations per second, give or take. No wonder Telsa chose this region. It literally vibrates!

Weird? Yes! What's up with gold? What is so amazing about hunks of shiny yellow metal that would draw men to it so emphatically as to place its value above the value of food? Why is the person who holds the most gold the person who holds the most power? Does it help conduct or does it insulate from harm? Or both? It makes me think of the story of Moses coming down from

the mountain and being irate about the whole golden calf business. He was talking to a “burning bush” and ushering in the rules of a new age. He came back and the people had chosen a bunch of gold bull to be their new power. What kind of business were these folks conducting? What was he trying to insulate them from? What would drive people to hold this particular element above all else? Makes one wonder if the Arc of the Covenant could have actually been some kind of plasma discharge arc in a box? And, why would that be such a horribly big deal? And, even if these stories can all be transcribed other ways, why do we keep telling them? What is the significance of it? Why do we still hold gold in such high value today? It’s like gold is at the center of our world.

#### Part 4: What a World



People are afraid of certain shapes. I drew three cubes stacked, two on the bottom one on the top, at a forty-five degree angle to each other. On a flat plane, the adjacent lines of the cubes formed a six point star. I then drew three lines connecting the furthest exterior points into a triangle. There were three, four, and six-pointed shapes all within these three stacked cubes. I thought, well maybe, so I placed the drawing over The Dougherty Set and all of the forms in and around the cubes aligned perfectly within the spiraling circles. When I connected the furthest corner of the top cube to the opposite lowest cube corner and then back up and out toward the circle and then across to the opposite edge of the circle and then back down to the last remaining lowest

cube corner, it made a five-point star. The divisions within TDS naturally vivisected the cubes into twelve equal parts. It all lined up like music and I could hear it singing to me that these are the shapes of all matter. I became very excited and immediately messaged my friend. His first response was, "Well, there sure is a lot of pentagram in it." Really? That's what he saw. When people are afraid of something, they become hyper-aware of said thing's presence. It's a survival response. Most aren't generally afraid of the shape of a five-point star. But, you put a circle around it and it can stir up quite a fuss in some. Did we do this to these shapes? Or, did these shapes shape us? Is it an idealized rhetoric about the five-point star? Or, is it just the nature of the number five?

The beginning of modern history, as in, since the beginning of the Church, marks the beginning of a rampant war on paganism. Everything and anything one could imagine was inflicted upon those who would dare to carry the true history of the Ancients into the new world of subservience and power. Those brave souls whose light did shine were burned at the stake but somehow their torch was always passed to the next generation to keep the flame alive.

The New Sciences scoff at the Old Sciences, pointing fingers at black holes in theories and the negative space between thoughts. Collectively disregarding any and all religion as antiquated human rhetoric decorated with the semblance of our own projected interpretations. But, as we are seeing clearly as our vision comes into focus, the symbols of ancient history and religion are, in fact, an ancient collection of scientific data with a much different set of analysis. Why then are we looking over modern-day paganism as a superstitious misinterpretation as opposed to a

wealth of knowledge preserved by the ashes and blood of an unwavering ancestry that has survived to modern day? Probably because it was hijacked by flying monkeys just like everything else.

I was raised in a "good Christian" household. We attended the parochial school at my maternal grandparents' Southern Baptist Church. For services, Sunday school, and youth group, we went to the Dutch Reformed Church where my mom was a deacon. My dad's side of the family is Catholic but, we only went to Mass on holidays and special occasions. Twice a year our family gathers at the local Armenian Orthodox Church where my maternal grandfather was raised to attend their Bazarre and buy food that reminds us of childhood. These places are wrought with symbols. We were taught that some symbols were for one place and other symbols belonged to another but, it all looked the same to me.

When I was four years old, I could tell there were holes in the fabric of these ideas because someone I loved was always falling through them. I was always falling through them. By the time I turned eight, I hadn't a friend in the world because I couldn't grasp a hold onto any of their threads. The oxcallis flowers in the shade behind the field house comforted me, played with me, accepted me, crowned my gnarled, grass littered braid, and returned with me to my desk for afternoon reading. At night, I'd talk the moon clear across the sky. The stars knew my every secret. Twinkle once for yes, twice for no, go behind a cloud if I should ask again later. I'd count down the days to the innumerable wishes of the next meteor shower. My hours spent imagining what to wish for next. The magic of nature was captivating and serene. There was no pressure or

guilt weighing on my little spirit when the grass held me up. There were no impending judgements reigning fireballs from the sky. Just dusty flitters of starlight that gently caressed the horizon with peaceful adorn. I was not some oddity of contrast offset by the monotone of the masses as per my usual position. I was a complementary color accentuating the composition of an iridescent landscape that would be missing a piece if I left.

All I knew, was that I was pretty sure magic was real and that it was what was happening when the flower blossoms and grass blades took my pain from me. Magical, interactive conversations with breathing, pulsing entities that dotted the roof of my world kept closer to my heart than any childhood friend. Was it really a call back twinkling? Are the images and realizations of intuition and inspiration that come from "plugging in" to nature more than philosophical metaphors? Are we really capable of carrying on a conscious conversation energetically with the Greater Whole via Electromagic? Have we begun to unlock the Sciences of magic? Is it simply electromagnetism?

*"The intuitive mind is a sacred gift and the rational mind is a faithful servant. We have created a society that honors the servant and has forgotten the gift." Albert Einstein*

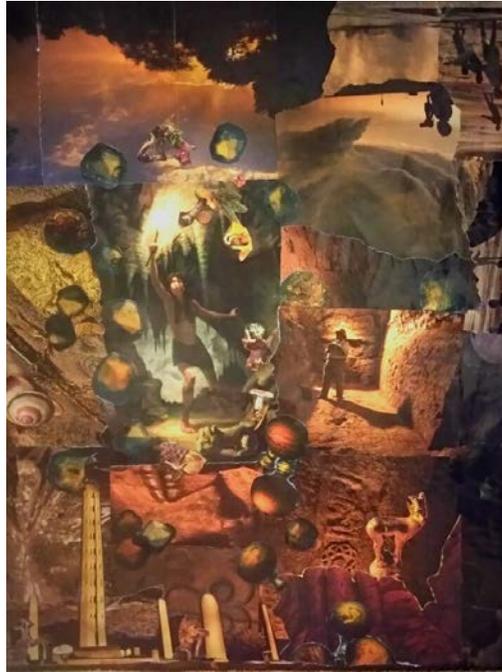
What if we exchanged the word "science" for "magic"? So, every time we wanted to say something is "scientifically proven", we instead said that it was "magically proven"? In science, concepts must be proven through "empirical evidence". Magic, on the other hand, proves itself

through “ethereal evidence.” Without the presentation of seemingly magical forces, the empirical sciences would have very little to investigate. So, we dare to question the physics behind these forces. Would the outcome of the action change with the verbiage or would it remain the same because outcome is based on action no matter what you’ve named it? Is it all the same thing, really? Is intention an outward charge? Is intuition the receipt of a charge? Every wish and prayer is the intention of magic; a wave of electromagnetism sent rippling through our brains and the Universe to manifest at a hoped-for grounding point. No Thunderbolts have come to strike me down?... (looks about precipitously)..... No? Ok. I think we're good.

The turn of the 20th Century marks a time in human history where humanity removed itself from this natural equation. We built machines for that instead. Nature was now something to harness and utilize for our own benefit when possible. The natural forces that had, forever dictated our fate were now being understood at a level that had not and hasn't yet been accompanied by the wisdom that would best yield it. At first it was like giving the kids cake for breakfast. They gobbled it up greedily leaving a terrible mess of crumbs on the floor. Then ran around making incomprehensible demands and throwing tantrums until they spun completely out of control nearly decimating all of our real history in the process. I will tell everyone the same thing I tell my kids, I don't care if you didn't make the mess. We all live here so we all have to clean it up. "But, how?" They say as they plop themselves on the floor like old rags worn out

from scrubbing. We'll just have to follow the trail of crumbs down the yellow brick road and see where we end up.

## Chapter 9: Electromagic Alphabet



Since we are all reading this, let's start with the alphabet. Letters are symbols that represent sounds. When we string them together, they make words. A series of words become a sentence. Thus, communication is possible between the writer and the reader regardless of ever making personal contact. These letters and words will just sit on the page waiting to be read for however long it takes. Anyone who knows the sounds associated with the letter symbols can interpret them. That's how we communicate through History, through time, space, distance. Even varying languages can be communicated through translation into already known symbols.

The ancient Norseman told that their letter symbols, Runes, were given to Humanity by the god Oden who hung upside down from the Yggdrasil tree and handed the runes to man. Each rune

represents not only a phonetic sound but each also has a divinatory meaning. In their view, every time the runes were written, no matter the context, a spell was invoked. That is why we "spell" words.

I have pulled a short version story of Odin and the Runes from **norse-mythology.org**. In the context of the Electric Universe, this story is more than compelling.

*"Yggdrasil grows out of the Well of Urd, a pool whose fathomless depths hold many of the most powerful forces and beings in the cosmos. Among these beings are Norns, three sagacious maidens who exert more influence over the course of destiny than any other beings in the cosmos. One of the foremost techniques they use to shape destiny is carving runes into Yggdrasil's trunk. The symbols then carry these intentions throughout the tree, affecting everything in the Nine Worlds.*

*Odin watched the Norns from his seat in Asgard and envied their powers and their wisdom. And he bent his will toward the task of coming to know the runes.*

*Since the runes' native home is in the Well of Urd with the Norns, and since the runes do not reveal themselves to any but those who prove themselves worthy of such fearful insights and abilities, Odin hung himself from a branch of Yggdrasil, pierced himself with his spear, and peered downward into the shadowy waters below. He forbade any of the other gods to grant him the slightest aid, not even a sip of water. And he stared downward, and stared downward, and called to the runes.*

*He survived in this state, teetering on the precipice that separates the living from the dead, for no less than nine days and nights. At the end of the ninth night, he at last perceived shapes in the depths: the runes! They had accepted his sacrifice and shown themselves to him, revealing to him not only their forms, but also the secrets that lie within them. Having fixed this knowledge in his formidable memory, Odin ended his ordeal with a scream of exultation.*

*Having been initiated into the mysteries of the runes, Odin recounted:*

*Then I was fertilized and became wise;*

*I truly grew and thrived.*

*From a word to a word I was led to a word,*

*From a work to a work I was led to a work.*

*Equipped with the knowledge of how to wield the runes, he became one of the mightiest and most accomplished beings in the cosmos. He learned chants that enabled him to heal emotional and bodily wounds, to bind his enemies and render their weapons worthless, to free himself from constraints, to put out fires, to expose and banish practitioners of malevolent magic, to protect his friends in battle, to wake the dead, to win and keep a lover, and to perform many other feats like these."*

We still (w)rite "binding" contracts using the great grandchildren of these symbols to "spell" out the details of our agreements and then "sign" them into the intention of obligation. When we decide to contractually bind ourselves to another in the form of marriage, we put a gold ring on the other person to symbolize our binding attachment.

After dredging through mountains of paperwork and articles, books and videos, historical accounts and data research, one thing sticks out- there are two sets of history; two "mythical" story lines, if you will. One pre-cataclysm and one post event. The former is more easily identifiable since the written documentation regarding such events are translatable. It's the prior History that is much less understood.

In an article titled, **3800-Year-Old Alphabet Has Been Found Intact on Six Global Continents**, researcher Michael Ruark details an account of William McGlone, an amateur archeologist and retired space engineer's discovery of a collection of ancient symbols found throughout the American Southwest in the 1990's. The petroglyphs were of the most ancient known language, called "Old Negev" when found on Mount Sinai, or "Panaramitee" when found in Australia. The symbols from all three locations are translatable using an old Hebrew dialect. The most widely accepted theory about this ancient alphabet is that it is Proto-Canaanite with common roots in Hebrew and Egyptian.

The handling of the symbols was also exceptionally similar. "*Originally found pecked in stone*", these symbols were typically carved on flat stones with a dark patina of oxidized minerals. Sharp objects were used to dig into the surface of the patina and would have left marks whose bright contrast would have allowed them to be easily read and permanent. The alphabet has often been mistaken for pictures or maps. But, upon further inspection it was noticed that the symbols that were typically written with two or three characters could be read both phonetically and symbolically with the vowels being omitted.

The article states that over 400 samples of these petroglyphs were found in six states across the American Southwest and only 120 examples of it were found in the Mt Sinai region. To find a smaller number of examples in a more condensed region and a larger number of examples spread throughout a much larger area begs the question, do we have this backwards? Did the symbols actually originate in the Americas? Or, was everything closer together then? The age-old question, which came first the chicken or the egg can be figured by the simple deductive reasoning that things that came out of eggs were around far longer than chickens. At some point, chickens started hatching out of them. Are these symbols eggs or chickens? Was it the releasing of Mars and Venus from our Birkeland Currents that broke up the world? Was this connection of current visibly seen as a tree that threw the shapes of plasma charges in sky above that the Ancients interpreted as "letters" whose particular charges were indicative of the meaning and sound attached to them?

A man named Anthony L. Peratt is a physicist whose work with high energy plasma discharge has changed the way we view many of the ancient symbols found in the same regions as the "Old Negev" alphabet. He noted a familiar character that accompanies these letters and continues with them on their journey through time, changing attire and persona as the ages progressed. In his most ancient form, he is the Squatter Man.

From **theplasmaverse.com** with an excerpt from one of Peratt's papers on the subject-

*"The Squatter Man (Squatting Man or Stick Man) petroglyphs are an image recorded by nearly all races on all the continents back in the day. One day the ancients were painting colour rock art and then, nearly literally, they were painting strange white shapes and figures. Everyone started at the same time with the same images. Either all races were in contact with each other or they were all inspired by the same event. The most likely way they could all have seen it was if the event was in the sky.*

*The discovery that objects from the Neolithic or Early Bronze Age carry patterns associated with high-current Z-pinches provides a possible insight into the origin and meaning of these ancient symbols produced by man. This paper directly compares the graphical and radiation data from high-current Z-pinches to these patterns. The paper focuses primarily, but not exclusively, on petroglyphs. It is found that a great many archaic petroglyphs can be classified according to plasma stability and instability data. As the same morphological types are found worldwide, the comparisons suggest the occurrence of an intense aurora, as might be produced if the solar wind had increased between one and two orders of magnitude, millennia ago.*

*Characteristics for the Occurrence of a High-Current, Z-Pinch Aurora as Recorded in Antiquity  
Characteristics Anthony-Peratt."*

These same phenomena are associated with the Ysaldra tree where Odin hung to receive the Runes. It is more widely known as the Tree of Life. The z-pinch Aurora in Peratt's papers "morph" into shapes that correlate with many ancient representations of weapons favored by the gods. Thunderbolts. Thor's hammer. Maybe even the Excalibur of Arthurian legend. Modern Sciences have named them Pixies and Sprites. Technological advancements in satellite imagery,

Atmospheric measurement data, and the good ol' interwebs have allowed widespread collection these phenomena recently. Their appearance seems to be on the uptick. Is this because the number of occurrences is increasing or simply because the ability to "see" and record them has improved?

There's another peacock who has taken these symbols to the next level. From Fibonacci mathematics to the plasma symbols of the Peratt Instabilities and beyond, all natural forms mathematically fit somewhere and Buddy James has discovered just such a place, The Dougherty Set. The Dougherty Set is a Universal Geometry Grid that is based off of the square root of two. The repetition of helical toroidal loops are the graphed expression of pi's journey into the third dimension of phi. All forms are the result of electrical induction. Unprecedented Realization! Amazing! If everything in nature is an individual expression of the golden spiral, then all naturally occurring three-dimensional forms can be found within The Dougherty Set.

*"...conducive for all plasma instability arcs. TDS repetitively showing off the Universe to be electric. All electromagnetic induction is helical."* Buddy James. A man of my own heart!

It seems the Ancients have left us "Signs". Mile markers? Direction indicators? When I look at all of the symbols of old and new printed on photographs and then laid out in a big group on the table, I start to feel like I'm looking at the instructions to assemble some kind of furniture purchased in a box. Like the **Handbook for the Recently Deceased**, in the **Beetlejuice** movie, *"This book reads like stereo instructions."* And, according to that analogy, most of the living "won't" see it regardless of its omnipresence. But, we can see it if we choose to look at it. From

the aware viewer's vantage point, you can almost tell what it is we are building. Or maybe, at least, how it is built.

When certain frequencies are applied to plasma charges they gather themselves accordingly and shapes appear. Plasmoids. Plasma is everywhere. It's the fourth state of matter. Clouds are plasmoids. Nebulea are plasmoids. I mean, we may even be considered somewhat plasmoids since 73% of our bodies is water in this plasma state. Hey! What'd you just call me?! I said, You're a Dancing Plasmoid Made of Electricity! And, You're beautiful! Yeah. That's what I thought.

Peratt found the shapes of Ancient Thunderbolts in the plasmoids that make up the Peratt Instabilities. Buddy James discovered the map to their helix. When we play with these plasma frequencies, we can find everything from the Birkeland Currents in the cosmos to the DNA that holds the design secrets of every living thing. I'd say this sign says, "Go Ahead", "You Have Been Here Before", "The Correct Path Lies Ahead", "All are Welcome Here". I wonder where it goes.

Symbols and symbols. And, symbols and symbols. Everything is communicated through the representation of symbol. Symbol transcends language barriers, cultures, time, consciousness. We humans, shot a gold record covered in symbols out into outer space in the hopes that aliens would find it and attempt to communicate or be aware of our presence. Do you think aliens can read our symbols? Would their symbolic associations resemble ours enough to translate the

intended message? Would they be super happy they found this gold object floating in space?

Would they just be really confused?

I've been looking at the astronomical symbols for the planets. What if we removed our associative contexts for these symbols and just looked at them as instructions, like modern symbols used as clothes washing instructions or electrical component symbols? They begin to look like the parts of a machine. If we assign each of the aspects we see within each of the symbols a particular function, a mechanism seemingly comes into shape. Let's say, any symbol with a plus sign in it, is taking a charge. Any symbol with an arrow in it, is giving a charge. Circles represent a singular part. Non-circle symbols represent parts with their own individual component parts. Following me?

As I look at the symbol for the Sun, I see a circle with a dot in the center. This makes sense as the Sun is the central point around which all of the planets rotate. In the Electric Sun model, the Sun is an anode.

The Google Monster says - an·ode  
*noun*

*noun: **anode**; plural noun: **anodes***

1. *the positively charged electrode by which the electrons leave a device.*
  - *the negatively charged electrode of a device supplying current such as a primary cell*

The symbol for Mercury is a half-circle atop a whole circle on a stem that's crossed at the bottom making a plus sign. Maybe, the half-circle is a sign of its coupling to the Sun and the plus sign on its stem means that it is receiving a charge from an outside source. It kind of could possibly make sense that it's orbiting quickly but spinning slowly to "catch" the incoming charge while

remaining coupled with the Sun. It's also notable that the Sun likes to spit at Mercury which, some speculate, is because of Mercury's lack of atmosphere but, could it be because Mercury is performing a function similar to a receiver or a ground? Is this why he's the messenger?

Venus shares her symbol with all of femininity. Her sign is a circle atop a stem that's crossed with a plus sign. Like Mercury but, without the hat. She takes. The equatorial surface of Venus has an average temperature of 864°F or 462°C, with a thick, sulfuric sky and an atmospheric pressure 89 times that of Earth. She's receiving something. Might be an input? Could be an inverter? If I knew exactly which I'd tell you and, what fun would that be?

Here we are, on Earth. A nice circle pie divided into four equal parts. In the current models, Earth acts as an electromagnetic capacitor, flattening (or, maybe, digesting) a charge.

Mars is represented as the male symbol of a circle with an arrow on a stem pointing out the top. Arrows are "giving" symbols. He has almost no magnetosphere because Venus tried to rip it away, remember? Is it an output? Or, a rectifier? He seems like he wants to rectify a thing or two. Earth seems to be taking the charge from Mars and giving it to Venus. Their charges keeping us going. A modern nuclear family.

Ceres is supposedly a scythe because it looks like the symbol for Venus but the circle is incomplete. It's like a hook on a plus sign handle. Can't help but think it looks like a switch to let current into the gates of the asteroid belt.

Then there's these two big guys that don't have circles in their symbols. Saturn and Jupiter seem to have parts all their own. Their relationships with the Sun are vastly different than that of the interior planets. Are they motors? Generators? Alternators? The Solar System is not on a flat

disked plane. The Solar System is a spiraling projectile moving through the Space of The Milky Way. Are Saturn and Jupiter the Wheels that keep us truckin' along on our course?

I know that the symbol for Uranus is supposed to be an 'H' on top of a circle for Herschel, the guy who found it but, if I didn't know that, I'd say it looks like a ballast. It's gigantic. It's a considerable distance from the Sun. And, it spins sideways. So, in my brain meat schematic, it is the ballast that keeps it all from tipping.

Neptune's sportin' his trident with a plussed staff. Is he taking charge from the way out there and distributing it to the three big guys, the main engine Sun and the generator motors Saturn and Jupiter?

Pluto is a half-circle on a plus sign stick with a circle floating above it. Similar to Mercury except this time, the plus sign is coupled to the receipt of the charge from the outer cosmic energy and is transmitting it inward into the Solar System.

Yes, in my vivid imagination, these are the parts to a Solar System tricycle that's pedaling its way through the galaxy. Pushing like a gear as we move along. In the broader scope of this vision, all solar systems are vehicles pushing the massive spin of our particular galactic cog in the Universe Machine.

This is all, of course, creative speculation. Taking the instructions outside of the box, if you will.

I like to think this. It's nice to be a part of something so much grander. All riding along on our journey with one gigantic shared purpose. All things have their role in getting us there. I can't think of anything more beautiful. I'm not an electrical engineer or a robot tech but, maybe this

idea of retranslating the symbols might inspire a new vision and that would be awesome too. I suggest that you go back to the Space Weather a Go-go and reference the amazing work already in progress.

Let's just pretend it's all the same thing. That the language of the Universe is energy and symbols. That when we see them, they are speaking to us. That it's o.k. to listen. It's o.k. to be a part of it. It needs us.

Let's look at it.....

**Handbook for The Previously Asleep**

1. **Instructions for Use..... p. 97**
2. **Brain Meat Schematic..... p. 98**
3. **The Electromagic Alphabet..... p. 99**
4. **Dots That Connect..... p. 104**
5. **Charge in Recreation..... p. 108**
6. **Tuning into The Machine: Functions of the Wheel..... p. 110**
7. **Just Breathe..... p. 115**
8. **Put This Here and That There..... p. 116**
9. **Reason and Rhyme Step in Time..... p. 120**
10. **Batteries Included..... p. 124**
11. **Hue Done It: The Code of Colored Light Metered..... p. 128**
12. **As Far as the I Can See: What It Looks Like on The Box..... p. 130**

‣ 1 Corinthians 15:51 “Behold, I shew you a mystery; We shall not all sleep, but we shall all be changed, ....”

### **Instructions**

“The true sign of intelligence is not knowledge but imagination.” Albert Einstein

“Imagination is a place where all the important answers live.” Joe Meno

“But, I nearly forgot you must close your eyes, otherwise...you won't see anything.” Alice

“The history of Science is not a mere record of isolated discoveries; it is a narrative of the conflict of two contending powers, the expansive force of the human intellect on one side, and the compression arising from traditionary faith and human interests on the other.”

John William Draper

“Power is of two kinds. One is obtained by the fear of punishment and the other by acts of love. Power based on love is a thousand times more effective and permanent than the one derived from fear of punishment.” Mahatma Gandhi

“Happiness is not a matter of intensity but of balance, order, rhythm and harmony.” ~ Thomas Merton

“With an eye made quiet by the power of harmony, and the deep power of joy, we see into the life of things.” William Wordsworth

“Harmony makes small things grow, lack of it makes great things decay.”  
~ Sallust

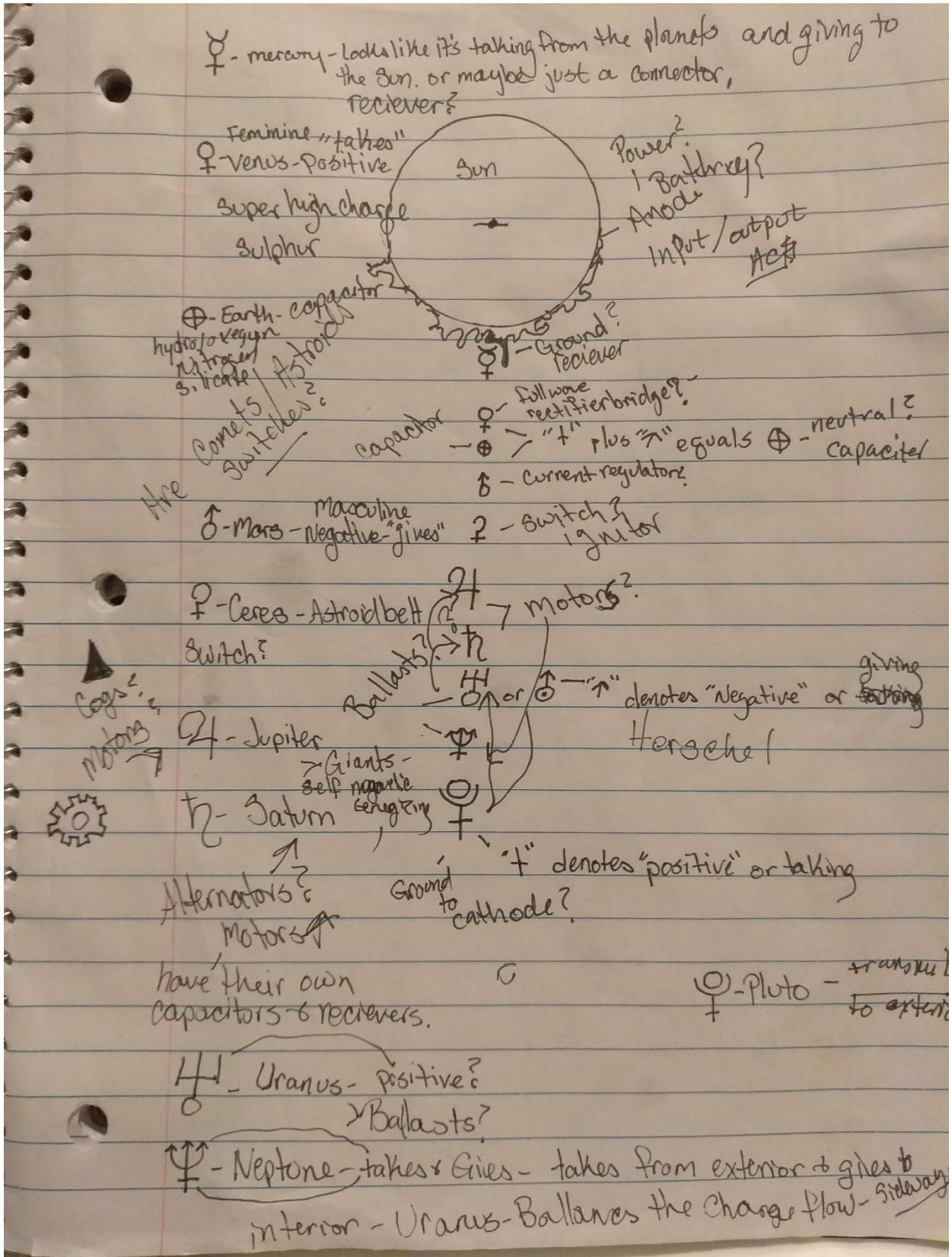
“We are more powerful than we have been lead to believe. Walk tall in your power and never give it to an outside source. True authority comes from within.”

– Renee Cefalu

“Every great dream begins with a dreamer. Always remember, you have within you the strength, the patience, and the passion to reach for the stars to change the world.” Harriet Tubman

“Progress is impossible without change, and those who cannot change their minds cannot change anything.” George Bernard Shaw

“You must be the change you wish to see in the world.” Mahatma Gandhi



## ASTROLOGICAL SYMBOLS AND MEANINGS

GLYPH	PLANETS & POINTS	KEYWORDS			
☉	Sun	Self, identity, "self-full" individuality			
☾	Moon	Instincts, the unconscious, nurturing part of you, mother			
☿	Mercury	Mentality, communications, siblings, travel			
♀	Venus	Love, romance, beauty, female energy			
♂	Mars	Aggression, drive, athletic, male energy			
♃	Jupiter	Optimism, luck, cosmic credits, expansive, success, philosophy, education			
♄	Saturn	Responsibility, lessons, restriction, time, gravity			
♅	Uranus	Individuality, creativity, originality, sudden changes, eccentric			
♆	Neptune	Idealism, illusion, surrender, transcendence, spirituality, depression			
♇	Pluto	Transformation, rebirth, power, the under toe to life, underworld			
♁	North Node	Destiny, growing towards, future potential, connections			
♂	South Node	What you already know, past karma			
⊗	Part of Fortune	Release for happiness (balance between Sun, Moon and Ascendant)			
♌	Ascendant (Rising Sign)	Personality, your approach to life			
♁	Midheaven	Personality in career, how you approach the world, 10th house cusp			
GLYPH	SIGNS	KEYWORDS	RULING PLANET	ELEMENT	MODALITY
♈	Aries	Spontaneous activity, assertive	Mars	Fire	Cardinal
♉	Taurus	Solid, stable, nice or beautiful things	Venus	Earth	Fixed
♊	Gemini	Communicator, dual nature, salesperson	Mercury	Air	Mutable
♋	Cancer	Nurturing, emotional	Moon	Water	Cardinal
♌	Leo	Selfhood	Sun	Fire	Fixed
♍	Virgo	Analysis, meticulous, service	Mercury	Earth	Mutable
♎	Libra	Balance, relating, beauty	Venus	Air	Cardinal
♏	Scorpio	Penetration, intensity, sexual	Pluto	Water	Fixed
♐	Sagittarius	Expansive, visionary, optimistic	Jupiter	Fire	Mutable
♑	Capricorn	Responsible, authoritative	Saturn	Earth	Cardinal
♒	Aquarius	Consciousness, humanitarian	Uranus	Air	Fixed
♓	Pisces	Love, wisdom, surrender	Neptune	Water	Mutable
THE HOUSES		KEYWORDS			
1st		Personal identity			
2nd		Values, self worth, finances			
3rd		Communications, siblings, short trips			
4th		Psychological foundation, roots			
5th		Self-Expression, romance, play, art, children			
6th		Work and service			
7th		Partnership, marriage, dealing with others			
8th		Others' resources, sexuality, occult, death, inheritance			
9th		Inspiration, philosophy, religion, education, journeys			
10th		Career, ambitions, status			
11th		Ideals, groups, friends, dreams			
12th		Inner, meditative, entrapped, spiritual, hospitals			

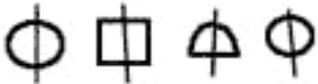
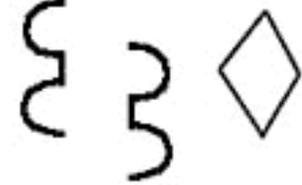
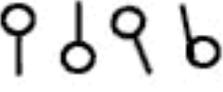
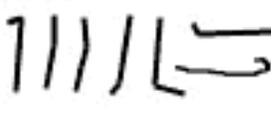
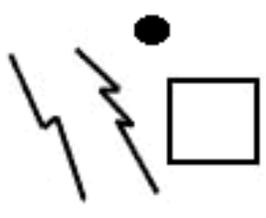
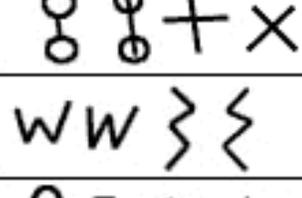
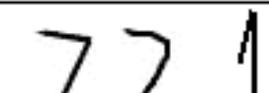
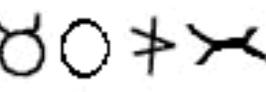
## Rune Alphabet & Symbol Meanings

<b>A=</b>  <b>Ansuz Odin</b> God, Ancestors	<b>O=</b>  <b>Othila Ancestral</b> Inherited Property, Genetics
<b>B=</b>  <b>Berkana Birth</b> Earth Mother, Birth	<b>P=</b>  <b>Peorth Hearth</b> Divination, Luck, Primal Law
<b>C=</b>  <b>Kaunaz Fire</b> Fire, Knowledge	<b>Q=</b>  <b>Kaunaz Fire</b> Fire, Knowledge
<b>D=</b>  <b>Dagaz Dawn</b> Intuition, Light Within	<b>R=</b>  <b>Raido Wheel</b> Solar Chariot, Rhythm
<b>E=</b>  <b>Ehwaz Horse</b> Twin Gods, Relationships	<b>S=</b>  <b>Sowulo Sun</b> Thunderbolt, Wheel of Power
<b>F=</b>  <b>Fehu Frey</b> Wealth, Mother Rune	<b>T=</b>  <b>Teiwaz Victory</b> Masculine Gods, Warrior Rune
<b>G=</b>  <b>Gebo Gift</b> Divine Interaction	<b>U=</b>  <b>Uruz Power</b> Primal Creative Force, Gateway
<b>H=</b>  <b>Hagalaz Air</b> Transformation, Egg of Life	<b>V=</b>  <b>Wunjo Joy</b> Kinship, Heritage, Joy
<b>I=</b>  <b>Isa Ice</b> Cosmic Coherence	<b>W=</b>  <b>Wunjo Joy</b> Kinship, Heritage, Joy
<b>J=</b>  <b>Jera Earth</b> Cycles, Right Action	<b>X=</b>  <b>Thurisaz Thor</b> Protection, Polarity, Regeneration
<b>K=</b>  <b>Kaunaz Fire</b> Fire, Knowledge	<b>Y=</b>  <b>Eiwaz Death</b> Tree of Life, Dreaming, Magic
<b>L=</b>  <b>Laguz Water</b> Fertility, Living Renewal	<b>Z=</b>  <b>Algiz Protection</b> Divine Protection, Sanctuary
<b>M=</b>  <b>Mannaz Man</b> Divine Union, Manifestation	<b>TH=</b>  <b>Thurisaz Thor</b> Protection, Polarity, Regeneration
<b>N=</b>  <b>Nauthiz Necessity</b> Needs, Friction, Shadow	<b>NG=</b>  <b>Inguz Fertility</b> True Love, Music, Harmony

## Ancient & Magickal Alphabets

Anglo-Roman	Cuneiform	Hieratic	Demotic	Hebrew	Greek	Futhark	Ogham	Pictish	Theban	Chaldean	Malachim	Magi	Celestial/Angelic	Passing the River	Masonic/Rosicrucian	Tengwar (Elf)	Angerthas (Dwarf)
Aa	𐎠 𐎡	Ⲁ ⲁ	Ⲃ ⲃ	א ב	Α α	ᚠ ᚡ	ᚢ ᚣ	ᚤ ᚥ	ᚦ ᚧ	𐎠 𐎡	𐎢 𐎣	𐎤 𐎥	Ⲁ ⲁ	𐎠 𐎡	𐎢 𐎣	ᚠ ᚡ	ᚢ ᚣ
Bb	𐎢 𐎣	Ⲃ ⲃ	Ⲅ ⲅ	ב ג	Β β	ᚢ ᚣ	ᚤ ᚥ	ᚦ ᚧ	ᚨ ᚩ	𐎢 𐎣	𐎤 𐎥	𐎦 𐎧	Ⲃ ⲃ	𐎢 𐎣	𐎤 𐎥	ᚢ ᚣ	ᚤ ᚥ
Cc	𐎣 𐎤	Ⲅ ⲅ	Ⲇ ⲇ	ג ד	Γ γ	ᚣ ᚤ	ᚦ ᚧ	ᚨ ᚩ	ᚫ ᚬ	𐎣 𐎤	𐎦 𐎧	𐎩 𐎪	Ⲅ ⲅ	𐎣 𐎤	𐎦 𐎧	ᚣ ᚤ	ᚦ ᚧ
Dd	𐎤 𐎥	Ⲇ ⲇ	Ⲉ ⲉ	ד ה	Δ δ	ᚤ ᚥ	ᚨ ᚩ	ᚫ ᚬ	ᚭ ᚮ	𐎤 𐎥	𐎨 𐎩	𐎫 𐎬	Ⲇ ⲇ	𐎤 𐎥	𐎨 𐎩	ᚥ ᚦ	ᚧ ᚨ
Ee	𐎥 𐎦	Ⲉ ⲉ	Ⲋ ⲋ	ה ו	Ε ε	ᚥ ᚦ	ᚫ ᚬ	ᚭ ᚮ	ᚱ ᚲ	𐎥 𐎦	𐎪 𐎫	𐎭 𐎮	Ⲉ ⲉ	𐎥 𐎦	𐎪 𐎫	ᚧ ᚨ	ᚩ ᚪ
Ff				ו ז	Φ φ	ᚦ ᚧ	ᚫ ᚬ	ᚭ ᚮ	ᚳ ᚴ	𐎦 𐎧	𐎩 𐎪	𐎯 𐎰			𐎬 𐎭	ᚩ ᚪ	ᚫ ᚬ
Gg	𐎦 𐎧	Ⲋ ⲋ	Ⲍ ⲍ	ז ח	Γ γ	ᚧ ᚨ	ᚫ ᚬ	ᚭ ᚮ	ᚰ ᚱ	𐎧 𐎨	𐎫 𐎬	𐎱 𐎲	Ⲋ ⲋ	𐎦 𐎧	𐎫 𐎬	ᚪ ᚫ	ᚬ ᚭ
Hh	𐎧 𐎨			ח ט	Η η	ᚨ ᚩ	ᚫ ᚬ	ᚭ ᚮ	ᚴ ᚵ	𐎨 𐎩	𐎭 𐎮	𐎳 𐎴	ⲋ Ⲍ	𐎧 𐎨	𐎭 𐎮	ᚫ ᚬ	ᚭ ᚮ
Ii		𐎨 𐎩	𐎪 𐎫	י כ	Ι ι	ᚩ ᚪ	ᚫ ᚬ	ᚭ ᚮ	ᚶ ᚷ	𐎩 𐎪	𐎯 𐎰	𐎷 𐎸	Ⲍ ⲍ	𐎨 𐎩	𐎯 𐎰	ᚬ ᚭ	ᚮ ᚯ
Jj		𐎩 𐎪	𐎬 𐎭	כ ל	Ϟ ϟ	ᚪ ᚫ	ᚫ ᚬ	ᚭ ᚮ	ᚸ ᚹ	𐎪 𐎫	𐎱 𐎲	𐎵 𐎶			𐎮 𐎯	ᚭ ᚮ	ᚯ ᚰ
Kk	𐎨 𐎩	Ⲍ ⲍ	Ⲏ ⲏ	ל מ	Κ κ	ᚫ ᚬ	ᚫ ᚬ	ᚭ ᚮ	ᚺ ᚻ	𐎫 𐎬	𐎱 𐎲	𐎷 𐎸	ⲍ Ⲏ	𐎨 𐎩	𐎯 𐎰	ᚮ ᚯ	ᚰ ᚱ
Ll	𐎩 𐎪	Ⲏ ⲏ	Ⲑ ⲑ	מ נ	Λ λ	ᚬ ᚭ	ᚫ ᚬ	ᚭ ᚮ	ᚼ ᚽ	𐎬 𐎭	𐎱 𐎲	𐎷 𐎸	Ⲏ ⲏ	𐎩 𐎪	𐎯 𐎰	ᚯ ᚰ	ᚱ ᚲ
Mm	𐎪 𐎫	ⲏ Ⲑ	Ⲓ ⲓ	נ ס	Μ μ	ᚭ ᚮ	ᚫ ᚬ	ᚭ ᚮ	ᚾ ᚿ	𐎭 𐎮	𐎱 𐎲	𐎷 𐎸	ⲏ Ⲑ	𐎪 𐎫	𐎯 𐎰	ᚰ ᚱ	ᚲ ᚳ
Nn	𐎫 𐎬	Ⲑ ⲑ	Ⲕ ⲕ	ס ע	Ν ν	ᚮ ᚯ	ᚫ ᚬ	ᚭ ᚮ	ᚿ ᑀ	𐎮 𐎯	𐎱 𐎲	𐎷 𐎸	ⲑ Ⲓ	𐎫 𐎬	𐎯 𐎰	ᚱ ᚲ	ᚳ ᚴ
Oo	𐎬 𐎭	ⲑ Ⲓ	Ⲗ ⲗ	ע פ	Ο ο	ᚯ ᚰ	ᚫ ᚬ	ᚭ ᚮ	ᑁ ᑂ	𐎯 𐎰	𐎱 𐎲	𐎷 𐎸	Ⲓ ⲓ	𐎬 𐎭	𐎯 𐎰	ᚲ ᚳ	ᚴ ᚵ
Pp	𐎭 𐎮	Ⲓ ⲓ	Ⲙ ⲙ	פ צ	Π π	ᚰ ᚱ	ᚫ ᚬ	ᚭ ᚮ	ᑃ ᑄ	𐎰 𐎱	𐎱 𐎲	𐎷 𐎸	ⲓ Ⲕ	𐎭 𐎮	𐎯 𐎰	ᚳ ᚴ	ᚵ ᚶ
Qq	𐎮 𐎯	ⲓ Ⲕ	Ⲛ ⲛ	ק ר		ᚱ ᚲ	ᚫ ᚬ	ᚭ ᚮ	ᑅ ᑆ	𐎱 𐎲	𐎱 𐎲	𐎷 𐎸	Ⲕ ⲕ	𐎮 𐎯	𐎯 𐎰	ᚴ ᚵ	ᚶ ᚷ
Rr	𐎯 𐎰	Ⲕ ⲕ	Ⲟ ⲟ	ר ש	Ρ ϱ	ᚲ ᚳ	ᚫ ᚬ	ᚭ ᚮ	ᑇ ᑈ	𐎲 𐎳	𐎱 𐎲	𐎷 𐎸	ⲕ Ⲍ	𐎮 𐎯	𐎯 𐎰	ᚵ ᚶ	ᚷ ᚸ
Ss	𐎰 𐎱	ⲕ Ⲍ	Ⲡ ⲡ	ש ז	Σ σ	ᚳ ᚴ	ᚫ ᚬ	ᚭ ᚮ	ᑉ ᑊ	𐎳 𐎴	𐎱 𐎲	𐎷 𐎸	Ⲍ ⲍ	𐎮 𐎯	𐎯 𐎰	ᚶ ᚷ	ᚸ ᚹ
Tt	𐎱 𐎲	Ⲍ ⲍ	Ⲣ ⲣ	ז ח	Τ τ	ᚴ ᚵ	ᚫ ᚬ	ᚭ ᚮ	ᑋ ᑌ	𐎴 𐎵	𐎱 𐎲	𐎷 𐎸	ⲍ Ⲏ	𐎮 𐎯	𐎯 𐎰	ᚷ ᚸ	ᚹ ᑀ
Uu	𐎲 𐎳	ⲍ Ⲏ	Ⲥ ⲥ	ח ט	Υ υ	ᚵ ᚶ	ᚫ ᚬ	ᚭ ᚮ	ᑍ ᑎ	𐎵 𐎶	𐎱 𐎲	𐎷 𐎸		𐎮 𐎯	𐎯 𐎰	ᚸ ᚹ	ᑁ ᑂ
Vv	𐎳 𐎴	Ⲏ ⲏ	Ⲧ ⲧ	ט י	Ϛ ϛ	ᚶ ᚷ	ᚫ ᚬ	ᚭ ᚮ	ᑏ ᑐ	𐎶 𐎷	𐎱 𐎲	𐎷 𐎸	ⲏ Ⲑ	𐎮 𐎯	𐎯 𐎰	ᚹ ᑀ	ᑃ ᑄ
Ww	𐎴 𐎵	ⲏ Ⲑ	Ⲩ ⲩ	י כ	Ω ω	ᚷ ᚸ	ᚫ ᚬ	ᚭ ᚮ	ᑑ ᑒ	𐎷 𐎸	𐎱 𐎲	𐎷 𐎸	Ⲑ ⲑ	𐎮 𐎯	𐎯 𐎰	ᑀ ᑁ	ᑃ ᑄ
Xx				כ ל	Ξ ξ	ᚸ ᚹ	ᚫ ᚬ	ᚭ ᚮ	ᑓ ᑔ	𐎸 𐎹	𐎱 𐎲	𐎷 𐎸			𐎯 𐎰	ᑁ ᑂ	ᑃ ᑄ
Yy	𐎵 𐎶	Ⲑ ⲑ	Ⲫ ⲫ	ל מ	Ψ ψ	ᚹ ᑀ	ᚫ ᚬ	ᚭ ᚮ	ᑕ ᑖ	𐎹 𐎺	𐎱 𐎲	𐎷 𐎸	ⲑ Ⲓ	𐎮 𐎯	𐎯 𐎰	ᑂ ᑃ	ᑄ ᑅ
Zz	𐎶 𐎷	ⲑ Ⲓ	Ⲭ ⲭ	מ נ	Ζ ζ	ᑀ ᑁ	ᚫ ᚬ	ᚭ ᚮ	ᑗ ᑘ	𐎺 𐎻	𐎱 𐎲	𐎷 𐎸	Ⲓ ⲓ	𐎮 𐎯	𐎯 𐎰	ᑃ ᑄ	ᑅ ᑆ
Th		𐎷 𐎸		נ ס	Θ θ	ᑁ ᑂ	ᚫ ᚬ	ᚭ ᚮ	ᑙ ᑚ	𐎻 𐎼	𐎱 𐎲	𐎷 𐎸	ⲓ Ⲕ	𐎮 𐎯	𐎯 𐎰	ᑄ ᑅ	ᑆ ᑇ
Ng				ס ע		ᑂ ᑃ	ᚫ ᚬ	ᚭ ᚮ	ᑛ ᑜ	𐎼 𐎽	𐎱 𐎲	𐎷 𐎸			𐎯 𐎰	ᑅ ᑆ	ᑇ ᑈ
Eo				ע פ		ᑃ ᑄ	ᚫ ᚬ	ᚭ ᚮ	ᑝ ᑞ	𐎽 𐎾	𐎱 𐎲	𐎷 𐎸			𐎯 𐎰	ᑆ ᑇ	ᑈ ᑉ

PETROGLYPH		HIEROGLYPH		SYLLABIC		ALPHABETS																																																																																																									
PALEOLITHIC 15,000-12,000 B.C. MESOLITHIC 12,000-7,000 B.C. NEOLITHIC 7,000-5,000 B.C. ARMENIA		CHALCOLITHIC ROCK CARVING COPPER-BRONZE AGE 5000-2000 B.C. ARMENIA		METAMOR INSCRIPTION 2000-1800 B.C. 0101 A.C. (SCIMIT) ARMENIA		HYKSOSIAN INSCRIPTION 1750-1550 B.C. SINAI		HAINAZIAN INSCRIPTION 1500 B.C. ARMENIA		URARTIAN 1200-850 B.C. ARMENIA		ARMAYIR INSCRIPTION 1100 B.C. ARMENIA		CROLAGERD INSCRIPTION 850-750 B.C. ARMENIA		URARTIAN CUREFORM 850-650 B.C. ARMENIA		HYKSOSIAN after 1730 B.C. SINAI		HAINAZIAN OLD ARMENIAN 7-14th Cent. B.C. ARMENIA		ODESSIAN 5-1-10th Cent. B.C. SINAI		MESROBIAN 106 A.D.-PRESENT ARMENIA		NAME SHUR SINI		PHONETIC VALUE																																																																																			
																										A Āp̄h̄ ā as in art		B̄ B̄ēh̄ b̄ as in bag		Ḡ Ḡim̄ ḡ as in gag		D̄ D̄ā d̄ as in dog		Ȳ Ȳēch̄ ȳ as in yet		Z̄ Z̄ā z̄ as in zoo		Ē Ē ē as in end		Ū Ūt̄ ū as in urn		T̄ T̄ō t̄ as in toy		Z̄h̄ Z̄h̄ z̄ as in azure		Ē Ēī ē as in eve		L̄ L̄ōtē l̄ as in lamp		K̄h̄ K̄h̄ kh̄ as in etabic khay		T̄z̄ T̄z̄ tz̄ as in tze		K̄ K̄ēn̄ k̄ as in skate		H̄ H̄ō h̄ as in hot		D̄z̄ D̄z̄ dz̄ as in adze		Ch̄ Ch̄ī gh̄ as in etabic ghay		D̄ḡ D̄ḡ dḡ as in edge		M̄ M̄ēn̄ m̄ as in man		H̄ē H̄ē h̄ as in horse		N̄ N̄ōn̄ n̄ as in new		Sh̄ Sh̄ō sh̄ as in shy		V̄ V̄ō v̄ as in wolf		Ḡ Ḡō ḡ as in ore		Ch̄ Ch̄ō ch̄ as in child		P̄ P̄ē p̄ as in sport		J̄ J̄ī j̄ as in junk		R̄ R̄ā r̄ as in bravo		S̄ S̄ē s̄ as in sun		V̄ V̄ē v̄ as in vote		T̄ T̄ō t̄ as in shere		R̄ R̄ē r̄ as in arm		T̄s̄ T̄s̄ō ts̄ as in tselte		W̄ W̄ēn̄ w̄ as in work		V̄ V̄ēn̄ v̄ as in velo		P̄ P̄ē p̄ as in park		Q̄ Q̄ē q̄ as in quick		Ō Ō ē as in old		F̄ F̄ē f̄ as in fat		Ū Ū ē as in food		Ȳēv̄ = A yēv̄ as in yer		wakerō = A wakerō as in wakerō	

Old Negev alphabet from Colorado with corresponding Hebrew sounds.					
	Qof (Q)			Zayin (Z)	
	Peh (P/F)			Chet (Ch)	
	Feh (F)			Yod (Y)	
	He (H)			Lamed (L)	
	Mem (M)			Nun (N)	
					
	Tav (T)			Tsadeh (Ts)	
					
	Vav (V)			Resh (R)	
					
	Gimel (G)			Alef (silent)	
				Dalet (D)	

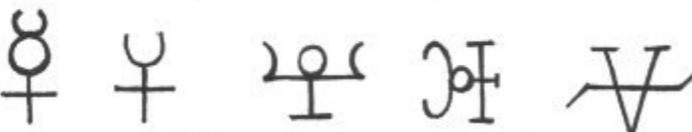
## 7 PLANETARY METALS

GOLD 

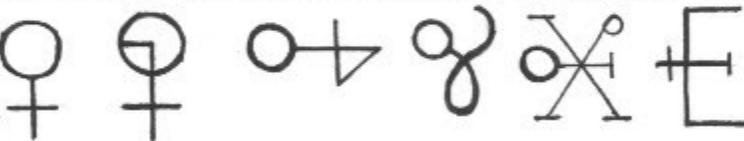
Gold has the symbol of the sun perhaps because both are yellow-colored.  
There are 63 other symbols for gold. From left to right: 12th c. to the 18th c.

SILVER 

Silver has the symbol of the moon; both are white-colored.

MERCURY 

Mercury had a cross in it, too, since copper absorbs mercury = corrosive.

COPPER 

Copper (Venus) is a circle (gold) above a cross (a corrosive substance).

IRON 

The symbol for Iron came from Mars, drawn to look like a shield and a spear.

TIN 

The symbol for Tin began as the symbol to invoke the God Jupiter.

LEAD 

Lead (Saturn) has a high cross because it was considered very corrosive.

WEATHER SYMBOLS										Numbers indicate the weather code as used in synoptic weather reports (ww, present weather reported from a manned weather station, as defined in WMO Pub. No. 306-A).	
00  Cloud development not observed/observable during past hour.	01  Clouds generally dissolving during past hour.	02  State of sky unchanged during past hour.	03  Clouds generally forming or developing during past hour.	04  Visibility reduced by smoke.	05  Haze.	06  Dust suspended in the air, but not raised by wind.	07  Dust or sand raised by wind.	08  Dust devils now or within past hour.	09  Duststorm or sandstorm not at station but within sight.		
10  Mist.	11  Patches of shallow fog at station, not deeper than 2 m (10 m at sea).	12  Continuous shallow fog at station, not deeper than 2 m (10 m at sea).	13  Lightning visible, but no thunder heard.	14  Precipitation visible but not reaching ground at station.	15  Precipitation reaching the ground not at or near the station but at a distance.	16  Precipitation reaching the ground not at the station but nearby.	17  Thunder heard but no precipitation at the station.	18  Wind squall now or during the past hour.	19  Tornado, waterspout, or funnel cloud observed now or during past hour.		
20  Recent drizzle (not freezing, not showers) during past hour.	21  Recent rain (not freezing, not showers) during past hour.	22  Recent snow (not showers) during past hour.	23  Recent rain and snow (not showers) during past hour.	24  Freezing drizzle or rain (not showers), not now but during past hour.	25  Rain showers, not now but during past hour.	26  Snow showers, not now but during past hour.	27  Hail or hail and rain, not now but during past hour.	28  Fog, not now but during past hour.	29  Thunderstorm, with or without precipitation, not now but during past hour.		
30  Slight/moderate duststorm or sandstorm, decreased during hour.	31  Slight/moderate duststorm or sandstorm, no change during hour.	32  Slight/moderate duststorm or sandstorm, increased during hour.	33  Severe duststorm or sandstorm, which has decreased during hour.	34  Severe duststorm or sandstorm, no change during past hour.	35  Duststorm or sandstorm, severe, has increased during past hour.	36  Drifting snow, slight or moderate.	37  Drifting snow, heavy.	38  Blowing snow, slight or moderate.	39  Blowing snow, heavy.		
40  Fog at a distance but not at station during past hour.	41  Patchy fog.	42  Fog, sky discernable, and has become thinner during past hour.	43  Fog, sky not discernable, and has become thinner during past hour.	44  Fog, sky discernable, no change during past hour.	45  Fog, sky not visible, no change during past hour.	46  Fog, sky visible, has begun or become thicker during past hour.	47  Fog, sky not visible, has begun or become thicker during past hour.	48  Freezing fog, sky visible.	49  Freezing fog, sky not visible.		
50  Drizzle, light, intermittent, not freezing.	51  Drizzle, light, continuous, not freezing.	52  Drizzle, moderate, intermittent, not freezing.	53  Drizzle, moderate, continuous, not freezing.	54  Drizzle, heavy, intermittent, not freezing.	55  Drizzle, heavy, continuous, not freezing.	56  Freezing drizzle, light.	57  Freezing drizzle, moderate or heavy.	58  Drizzle and rain mixed, light.	59  Drizzle and rain mixed, moderate or heavy.		
60  Rain, light, intermittent, not freezing.	61  Rain, light, continuous, not freezing.	62  Rain, moderate, intermittent, not freezing.	63  Rain, moderate, continuous, not freezing.	64  Rain, heavy, intermittent, not freezing.	65  Rain, heavy, continuous, not freezing.	66  Freezing rain, light.	67  Freezing rain, moderate or heavy.	68  Rain and snow mixed, light.	69  Rain and snow mixed, moderate or heavy.		
70  Snow, light, intermittent.	71  Snow, light, continuous.	72  Snow, moderate, intermittent.	73  Snow, moderate, continuous.	74  Snow, heavy, intermittent.	75  Snow, heavy, continuous.	76  Ice needles, with or without fog.	77  Snow grains, with or without fog.	78  Snow crystals, with or without fog.	79  Ice pellets (sleet).		
80  Rain showers, light.	81  Rain showers, moderate or heavy.	82  Rain showers, torrential.	83  Rain/snow showers mixed, light.	84  Rain/snow showers mixed, moderate or heavy.	85  Snow showers, light.	86  Snow showers, moderate or heavy.	87  Ice pellet showers, light.	88  Ice pellet showers, moderate or heavy.	89  Hail, light, not associated with thunder.		
90  Hail, moderate or heavy, not associated with thunder.	91  Rain, light. Thunder heard during past hour but not now.	92  Rain, moderate or heavy. Thunder heard during past hour but not now.	93  Light snow or rain/snow mixed with hail. Thunder heard during past hour.	94  Moderate or heavy snow or rain/snow with hail. Thunder in past hour.	95  Thunderstorm, light or moderate. Rain or snow, but no hail.	96  Thunderstorm, light or moderate, with hail.	97  Thunderstorm, severe. Rain or snow, but no hail.	98  Thunderstorm, with duststorm or sandstorm.	99  Thunderstorm, severe, with hail.		

Day	Associated Planet	Geomantic Figure - Day	Geomantic Figure - Night
Monday	Moon	Populus 	Via 
Tuesday	Mars	Puer 	Rubeus 
Wednesday	Mercury	Albus 	Conjunctio 
Thursday	Jupiter	Acquisitio 	Laetitia 
Friday	Venus	Puella 	Amissio 
Saturday	Saturn	Tristitia 	Carcer 
Sunday	Sun	Fortuna Major 	Fortuna Minor 

Sources: [http://en.wikipedia.org/wiki/Geomantic\\_figures](http://en.wikipedia.org/wiki/Geomantic_figures)  
[http://en.wikipedia.org/wiki/Names\\_of\\_the\\_days\\_of\\_the\\_week](http://en.wikipedia.org/wiki/Names_of_the_days_of_the_week)

Day	Masters of the Day Planetary hour												Masters of the Night	
	1	2	3	4	5	6	7	8	9	10	11	12		
Sunday	☉	♀	♃	☽	♄	♃	♂	☉	♀	♃	☽	♄	♃	♃
Monday	☽	♄	♃	♂	☉	♀	♃	☽	♄	♃	♂	☉	♀	♃
Tuesday	♂	☉	♀	♃	☽	♄	♃	♂	☉	♀	♃	☽	♄	♀
Wednesday	♃	☽	♄	♃	♂	☉	♀	♃	☽	♄	♃	♂	☉	♄
Thursday	♃	♂	☉	♀	♃	☽	♄	♃	♂	☉	♀	♃	☽	☉
Friday	♀	♃	☽	♄	♃	♂	☉	♀	♃	☽	♄	♃	♂	☽
Saturday	♄	♃	♂	☉	♀	♃	☽	♄	♃	♂	☉	♀	♃	♂

☉ Sun    ☽ Moon    ♂ Mars    ♃ Mercury    ♃ Jupiter    ♀ Venus    ♄ Saturn

Note that the days are generally named after the master planet for the first hour of the day.

# MORSE CODE ALPHABET

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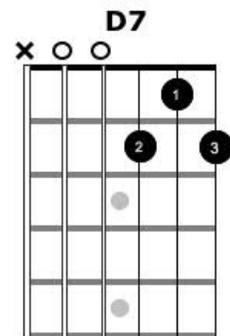
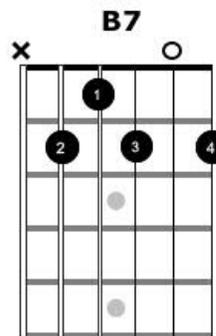
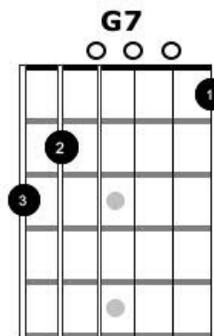
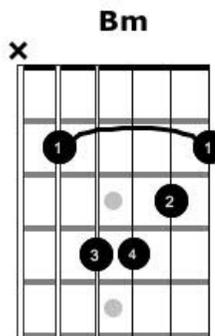
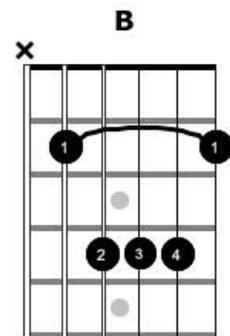
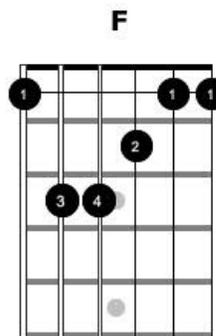
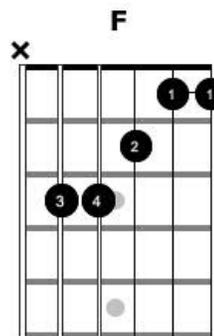
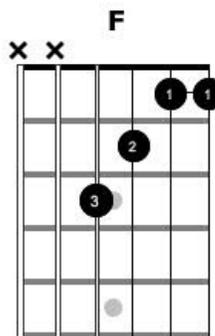
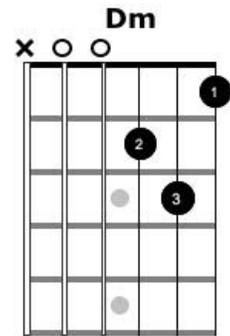
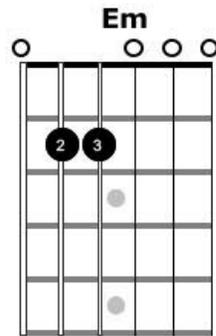
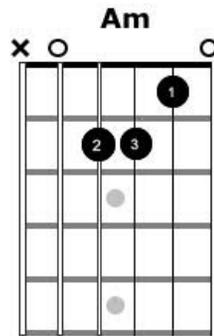
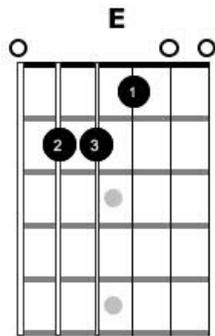
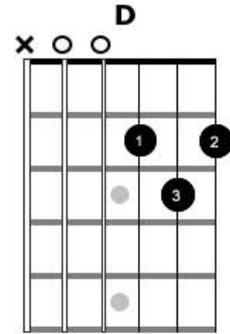
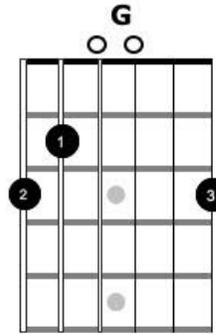
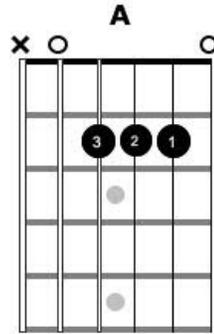
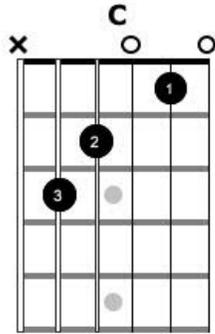
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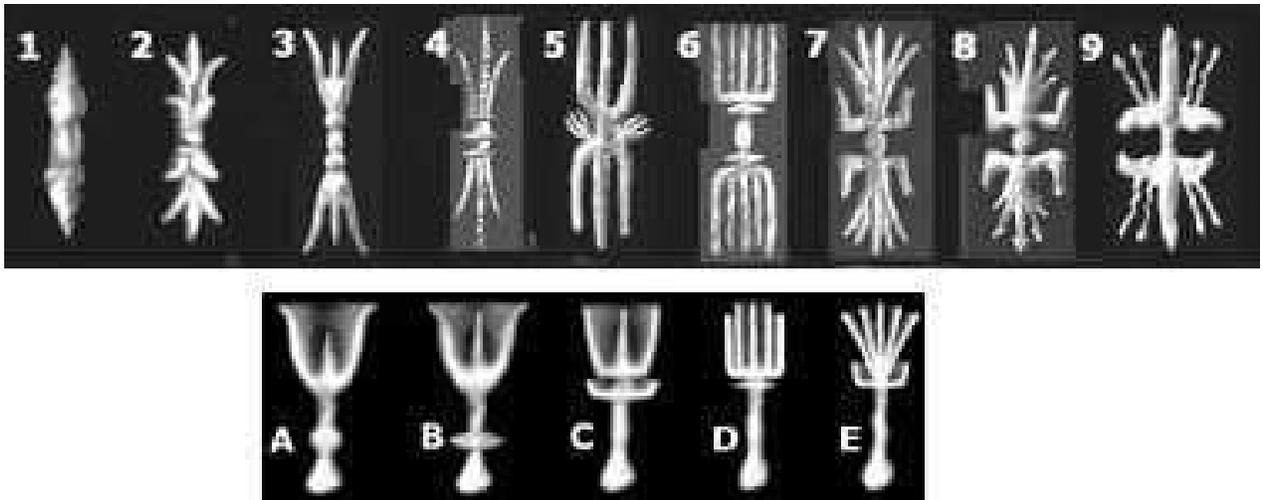
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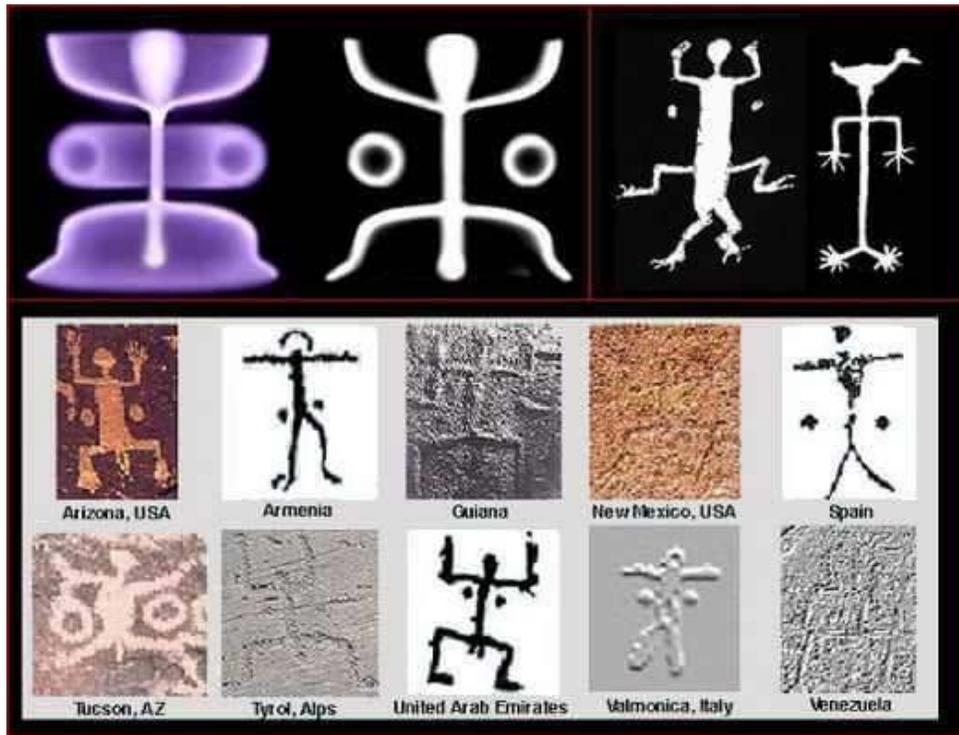




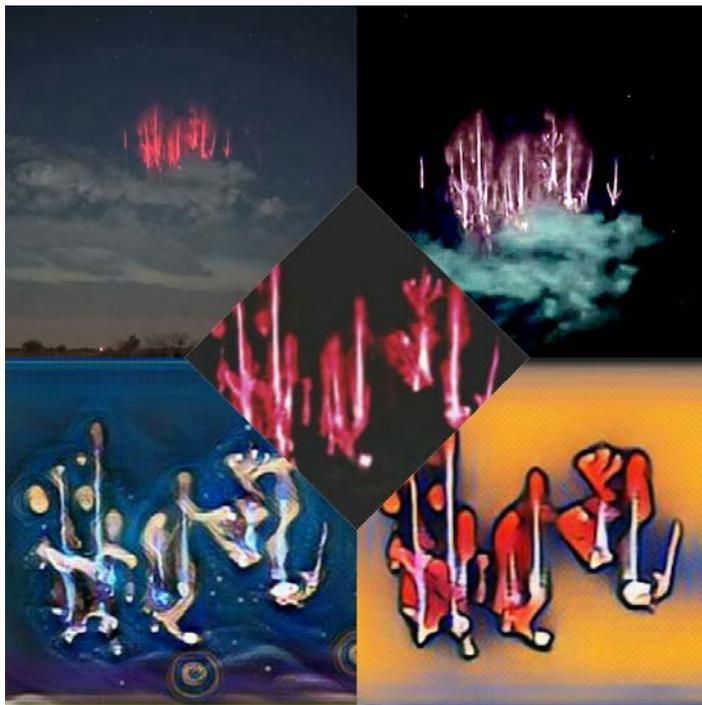
**Peratt Instabilities**



**Plasmoids within The Dougherty Set**



**Squatter Man travels the World.**



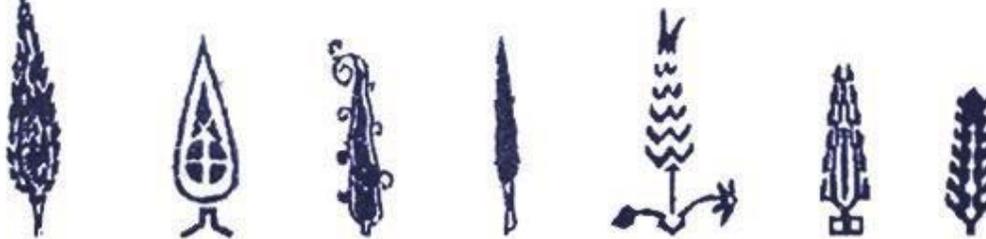
**Sprites over Oklahoma October 7, 2017 shown as letters in the sky.**

INTERPRET THE MOTIFS ON TURKISH RUGS

RAM HORN: SYMBOL FOR POWER



CYPRESS: SYMBOL FOR ETERNITY AND THE TREE OF LIFE



WHEEL OF FORTUNE: SYMBOL FOR WEALTH



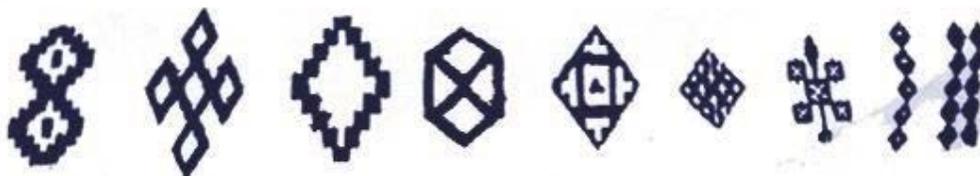
CHEST: SYMBOL FOR A DOWRY

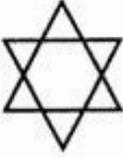
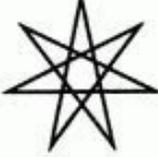
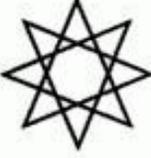
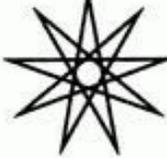
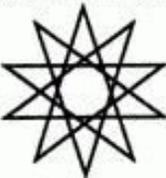
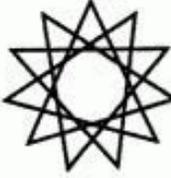
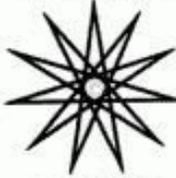
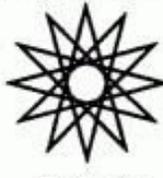


GRAIN: SYMBOL FOR ABUNDANCE



EYE: A MOTIF USED TO WARD OFF THE EVIL EYE



<p><b>Hexagon</b></p>  <p>Tiphareth The 7 Planets &amp; The 12 Signs</p>	<p><b>Hexagram</b></p>  <p>Two Triangles Tiphareth 7 Planets</p>	<p><b>Heptagram</b></p>  <p>Continuous, reflected at every 3rd point.</p>	<p><b>Heptagram</b> Star of Venus</p>  <p>Continuous, reflected at every 4th point.</p>	<p><b>Octogram</b></p>  <p>Two squares reflected at every 3rd point.</p>
<p><b>Octogram</b> The Star of Mercury</p>  <p>Continuous reflected at every 4th point.</p>	<p><b>Enneagram</b></p>  <p>Continuous reflected at every 3rd point.</p>	<p><b>Enneagram</b></p>  <p>Three Triangles reflected at every 4th point.</p>	<p><b>Enneagram</b> The Star of Luna</p>  <p>Continuous reflected at every 5th point.</p>	<p><b>Dekagram</b></p>  <p>Two Pentagons reflected at every 3rd point.</p>
<p><b>Dekagram</b></p>  <p>Continuous reflected at every 4th point.</p>	<p><b>Dekagram</b> Duplicated letter Heh</p>  <p>Two Pentagons reflected at every 5th point.</p>	<p><b>Endekagram</b></p>  <p>Continuous reflected at every 3rd point.</p>	<p><b>Endekagram</b></p>  <p>Continuous reflected at every 4th point.</p>	<p><b>Endekagram</b> The Qlippoth</p>  <p>Continuous reflected at every 5th point.</p>
<p><b>Endekagram</b> Qlippotic Princes</p>  <p>Continuous reflected at every 6th point.</p>	<p><b>Dodekagram</b></p>  <p>Two Hexagons reflected at every 3rd point.</p>	<p><b>Dodekagram</b></p>  <p>Three squares reflected at every 4th point.</p>	<p><b>Dodekagram</b></p>  <p>Four triangles reflected at every 5th point.</p>	<p><b>Dodekagram</b></p>  <p>Continuous reflected at every 6th point.</p>

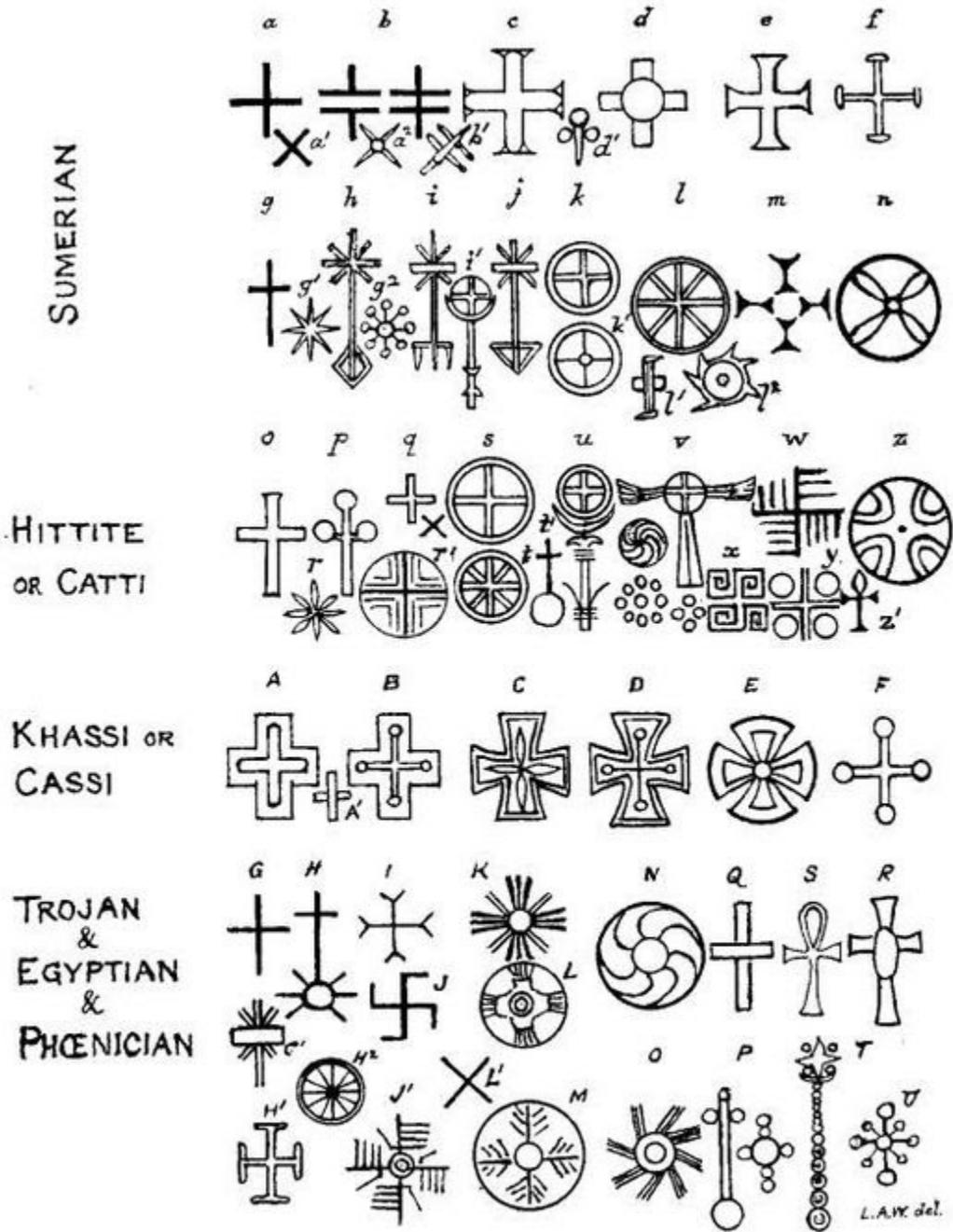
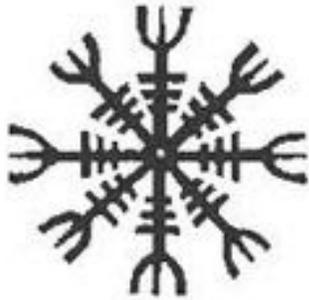


FIG. 46.—Sun Crosses, Hitto-Sumerian, Phœnician, Cassi and Trojan, plain, rayed, and decorated on seals, amulets, etc., 4000-1000 B.C.

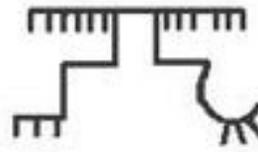
NOTE.—Compare with Ancient Briton forms in Fig. 47; and note, *re* "Celtic" Cross, numbers *i*<sup>1</sup>, *k* to *n* and *r*<sup>1</sup> to *v* and *z*. Detailed references in footnote on p. 296.



**Aegishjalmur**  
protection,  
irresistibility in battle



**Vegvisir**  
Runic compass  
prevent getting lost



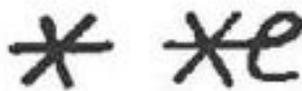
**Gapaldur**  
Success  
in combat



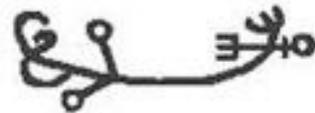
**Ginfaxi**  
Courage  
in combat



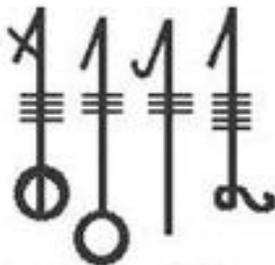
**Odin's Illusionary Rune**  
Camouflage & deception



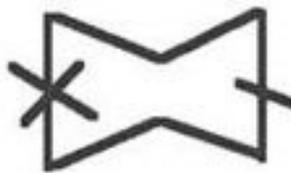
**Hræthigaldur**  
Put fear in enemy



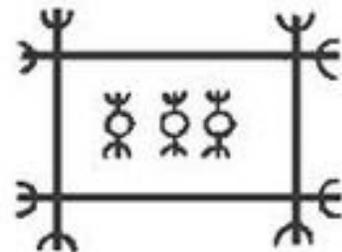
**Ottastafur**  
Put fear in enemy



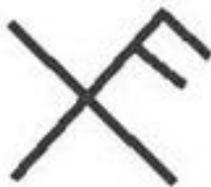
**Svefnthorn - "Sleep thorn"**  
Place beneath pillow or bed  
for restful sleep



**Powerful binding  
of prisoner**



**Lásabryjótur - "lock breaker"**  
Break locks & fetters  
Get free from bindings



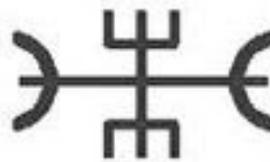
**Gibu Auja**  
good luck



**Good health**



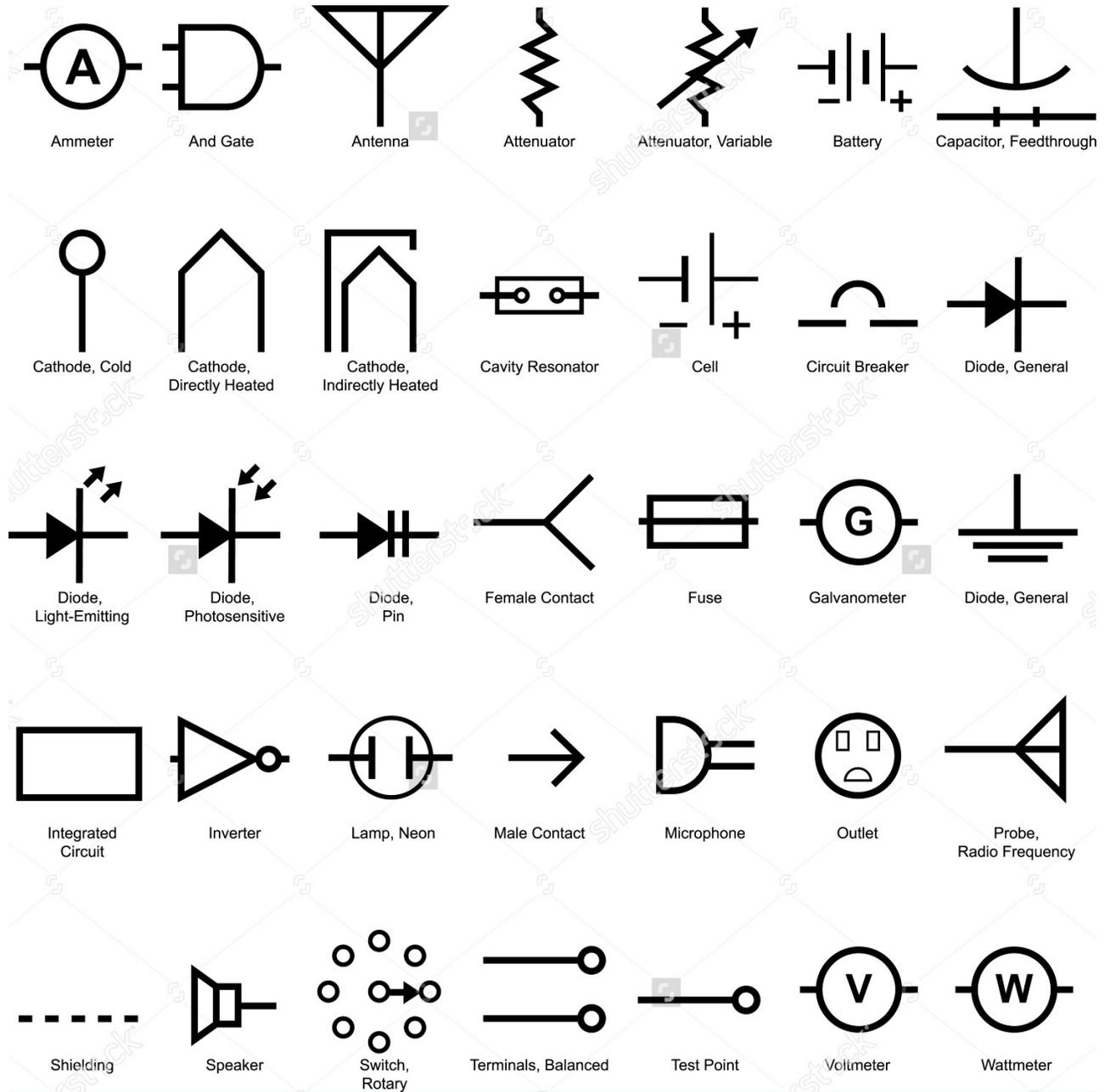
**Healing**

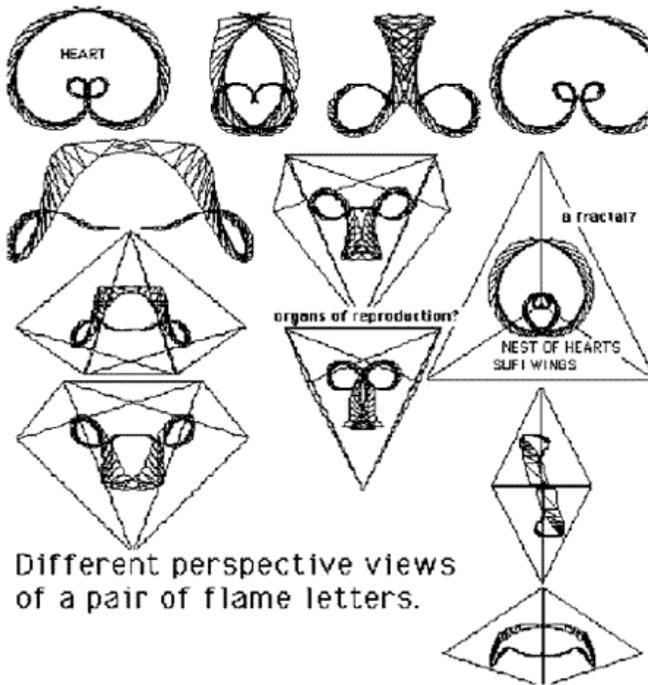
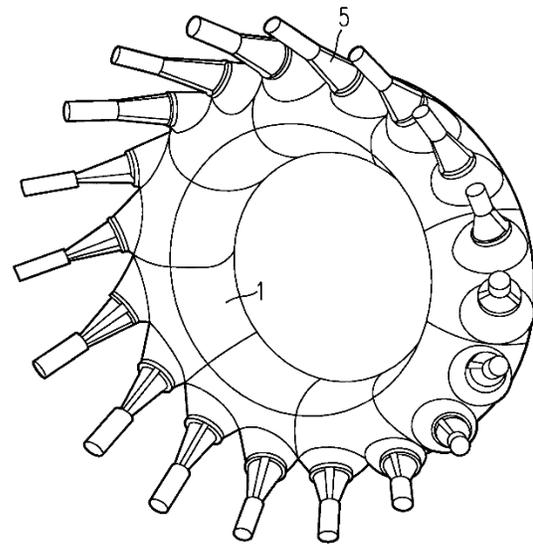
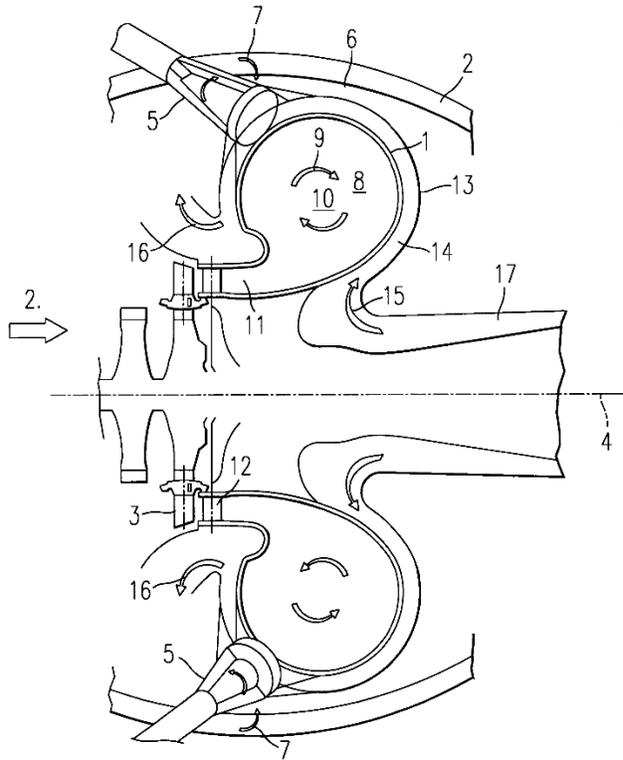


**End strife**



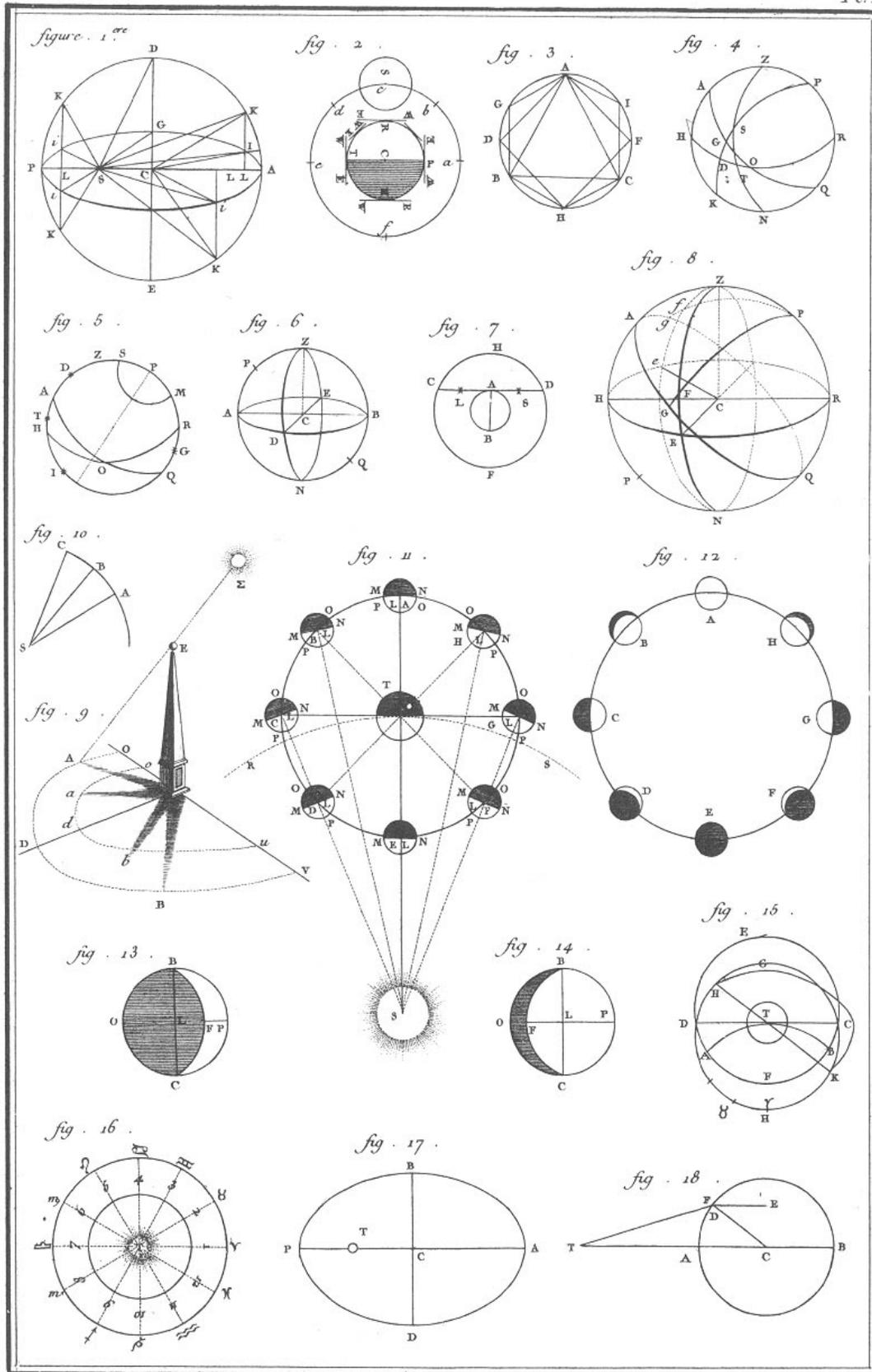
**Peace**

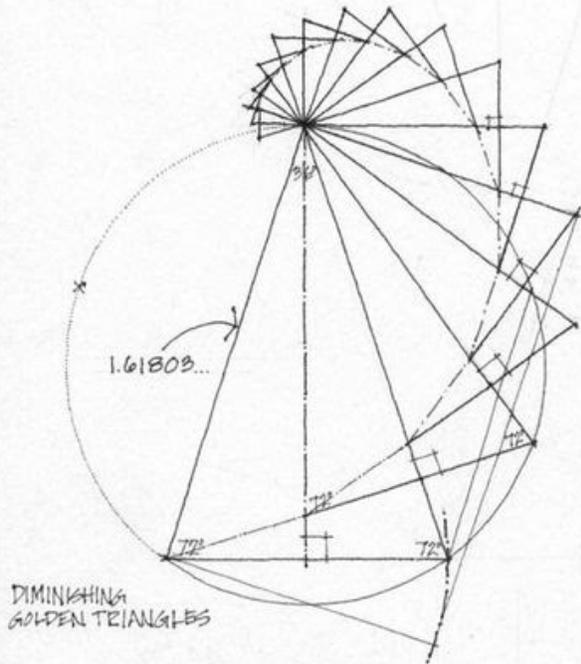




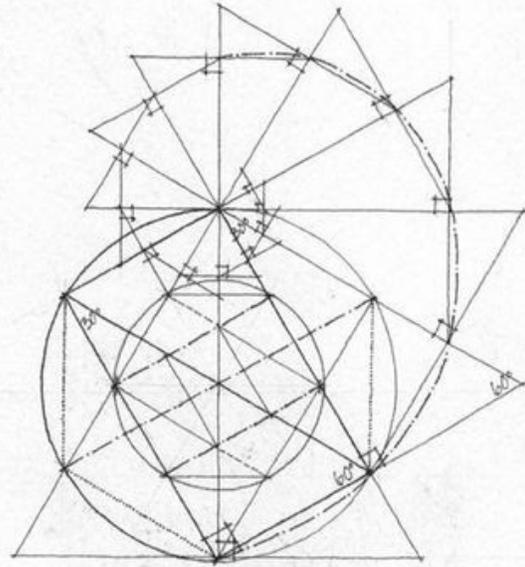
Different perspective views of a pair of flame letters.

Take It All In.

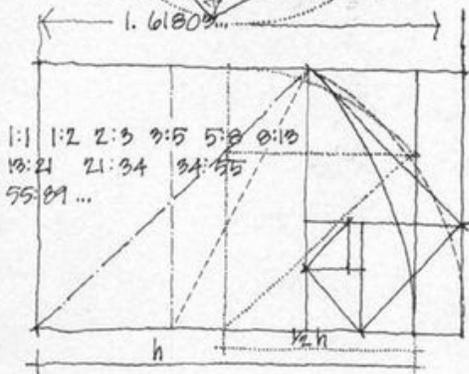
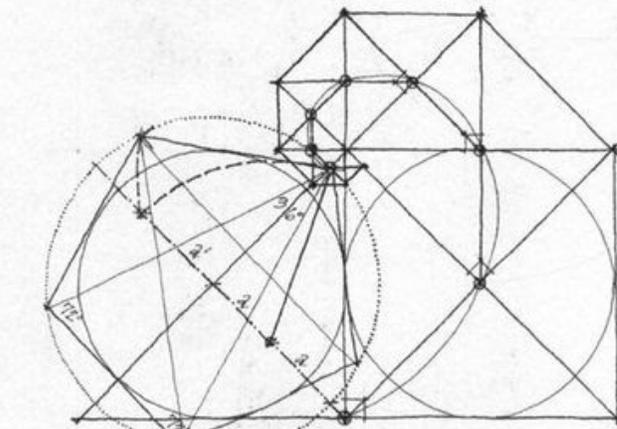




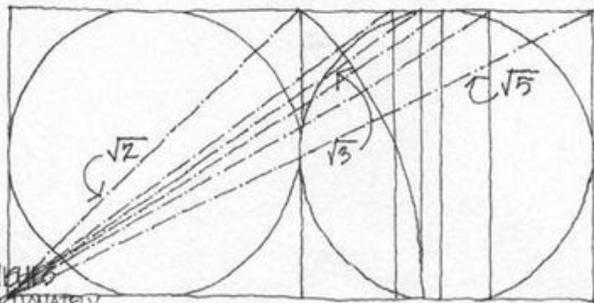
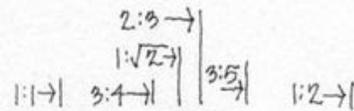
DIMINISHING GOLDEN TRIANGLES



DIMINISHING ROOT 3 RECTANGLES AND TRIANGLES



DIMINISHING PROPORTIONATELY



**αA** In the lower case alpha you can clearly see a vesica pisces, while the uppercase is a triangle.

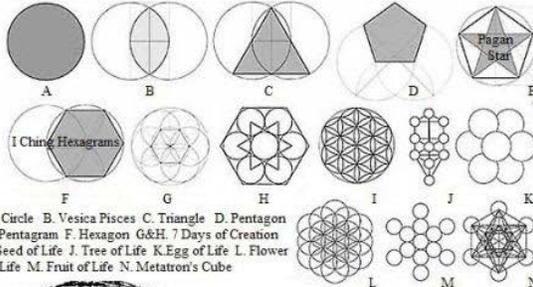
**A 3-D Sacred Geometric Understanding of Genesis (kiv)**

**Day Seven**

Allah written in Arabic. Note the multiple omega's and alpha



Below: Wheel window at Chartres



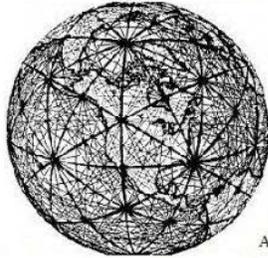
A. Circle B. Vesica Pisces C. Triangle D. Pentagon E. Pentagram F. Hexagon G&H. 7 Days of Creation I. Seed of Life J. Tree of Life K. Egg of Life L. Flower of Life M. Fruit of Life N. Metatron's Cube

Genesis 2:1 Thus the heavens and the earth were finished, and all the host of them. 2 And on the seventh day God ended his work which he had made; and he rested on the seventh day from all his work which he had made. 3 And God blessed the seventh day, and sanctified it: because that in it he had rested from all his work which God created and made.

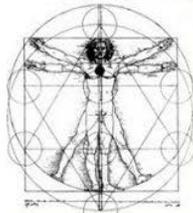
Tao written in Chinese, again note the alpha and omega



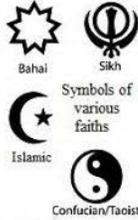
Pisces is the sign of the fish. The earth was entering into the age of Pisces at the time of Jesus' birth



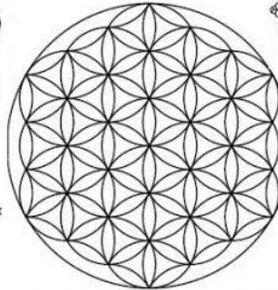
The seed of life expressed on the globe. This is the earth's grid. The lines are called ley lines and the points where they meet are power spots marked by natural things like volcanos or manmade markings like the Pyramids, Stonehenge, or great cathedrals like Chartres.



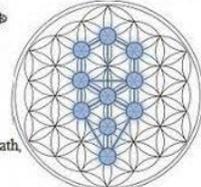
Above: a new look at Davinci's man



Symbols of various faiths



Above: Buddhist symbol of the 8-fold path, or Dharma wheel



In Blue: An overlay of the Jewish Qaballistic Tree of Life



The Hindu *Aum* (*Om*), the sound and symbol of creation, written in Sanskrit. Again, note the alpha and omega.



Various Christian Symbols

The outer circle of the seed of life is the all encompassing outer sphere, in other words, Omega.



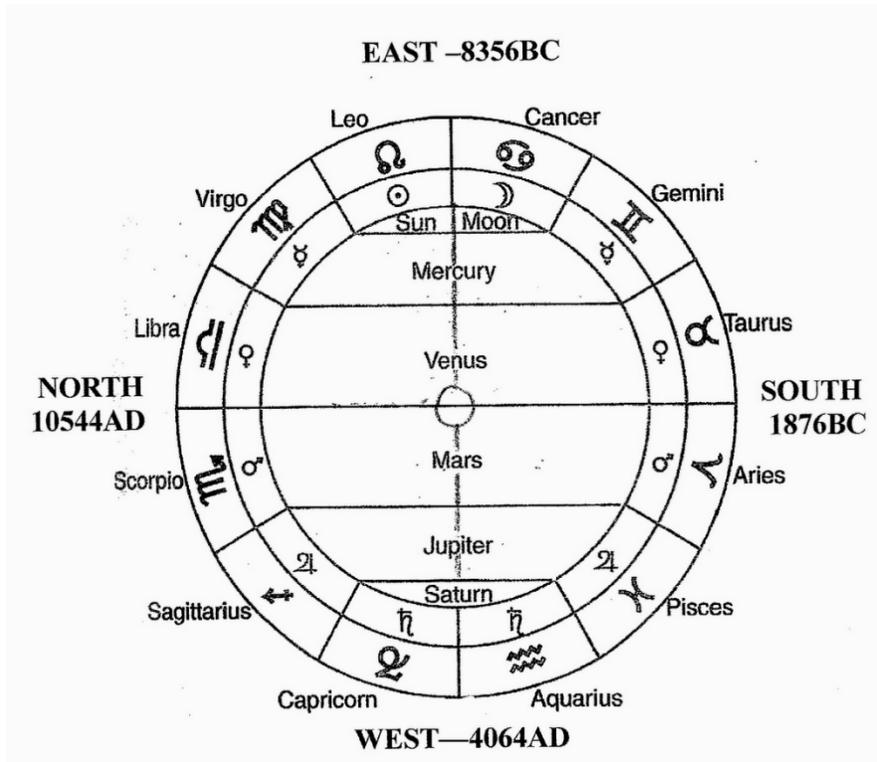
Various Pagan symbols

The omega lowercase resembles 2 vesica pisces, while the uppercase surrounds in completion, **ωΩ**

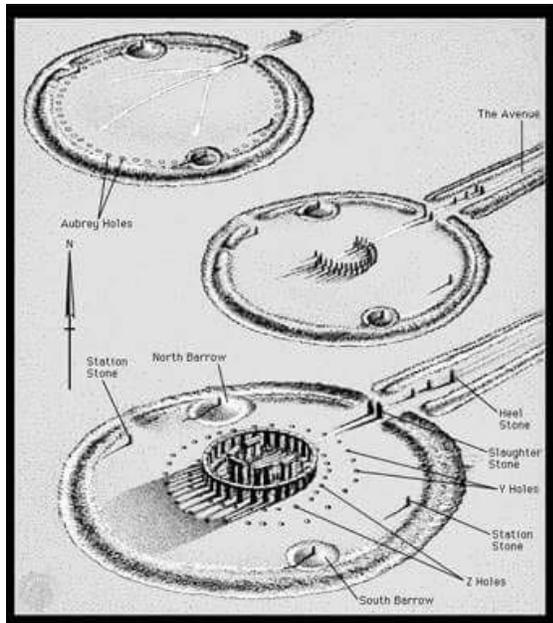


The wheel shows the decan rulers, starting with Mars for the first decan of Aries and ending with Mars for the last decan of Pisces. The inner wheel shows how the planetary hours and days follow a mystical 7-pointed star arrangement which mirrors the order of the decan rulership scheme.

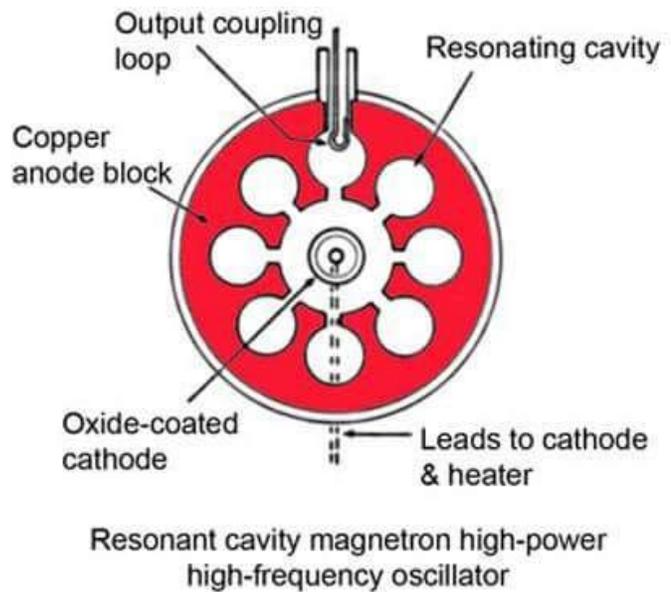
**Some shapes are pointed.**



**Ancient Egyptian Meditation Symbol Arrangement**

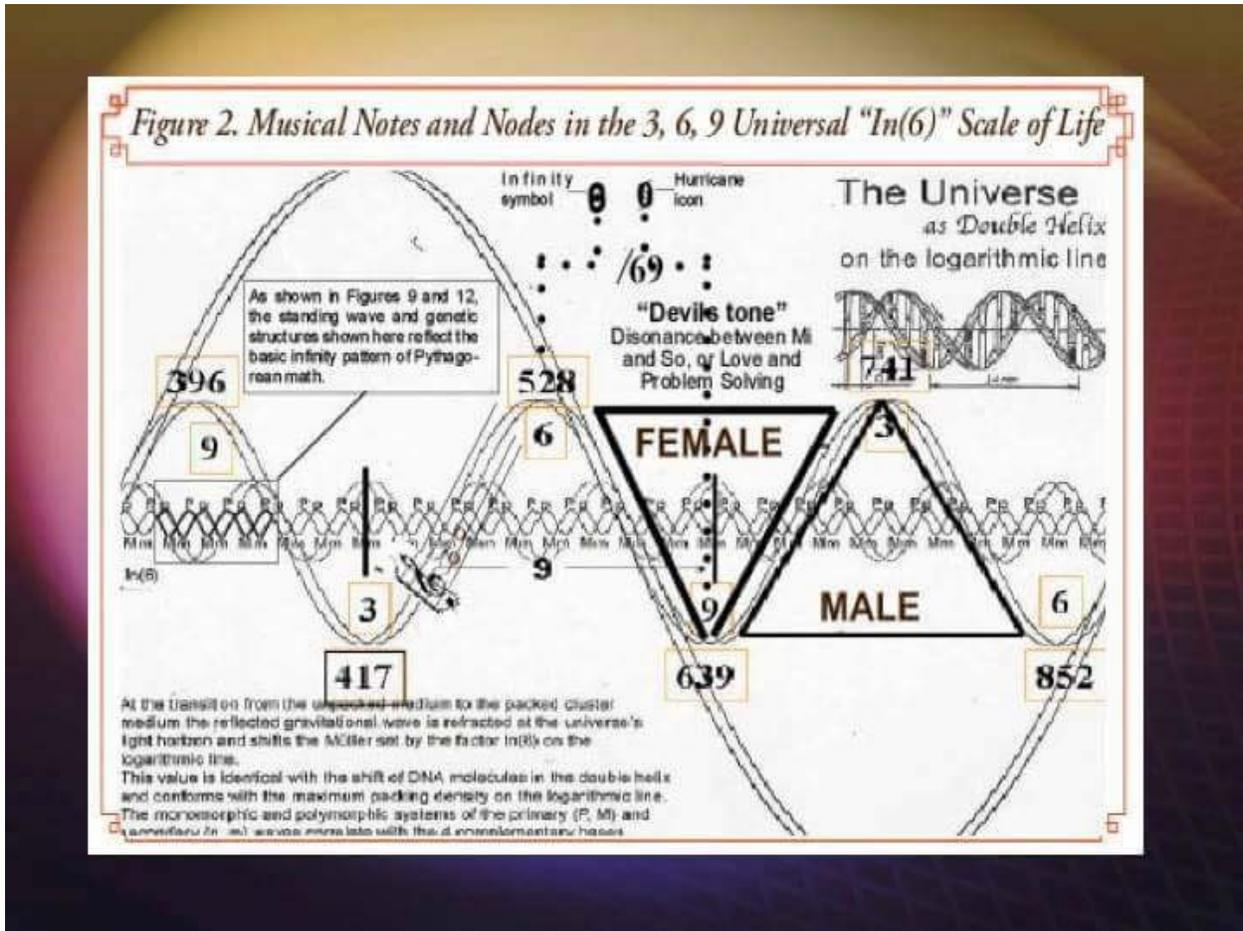


**Stonehenge**



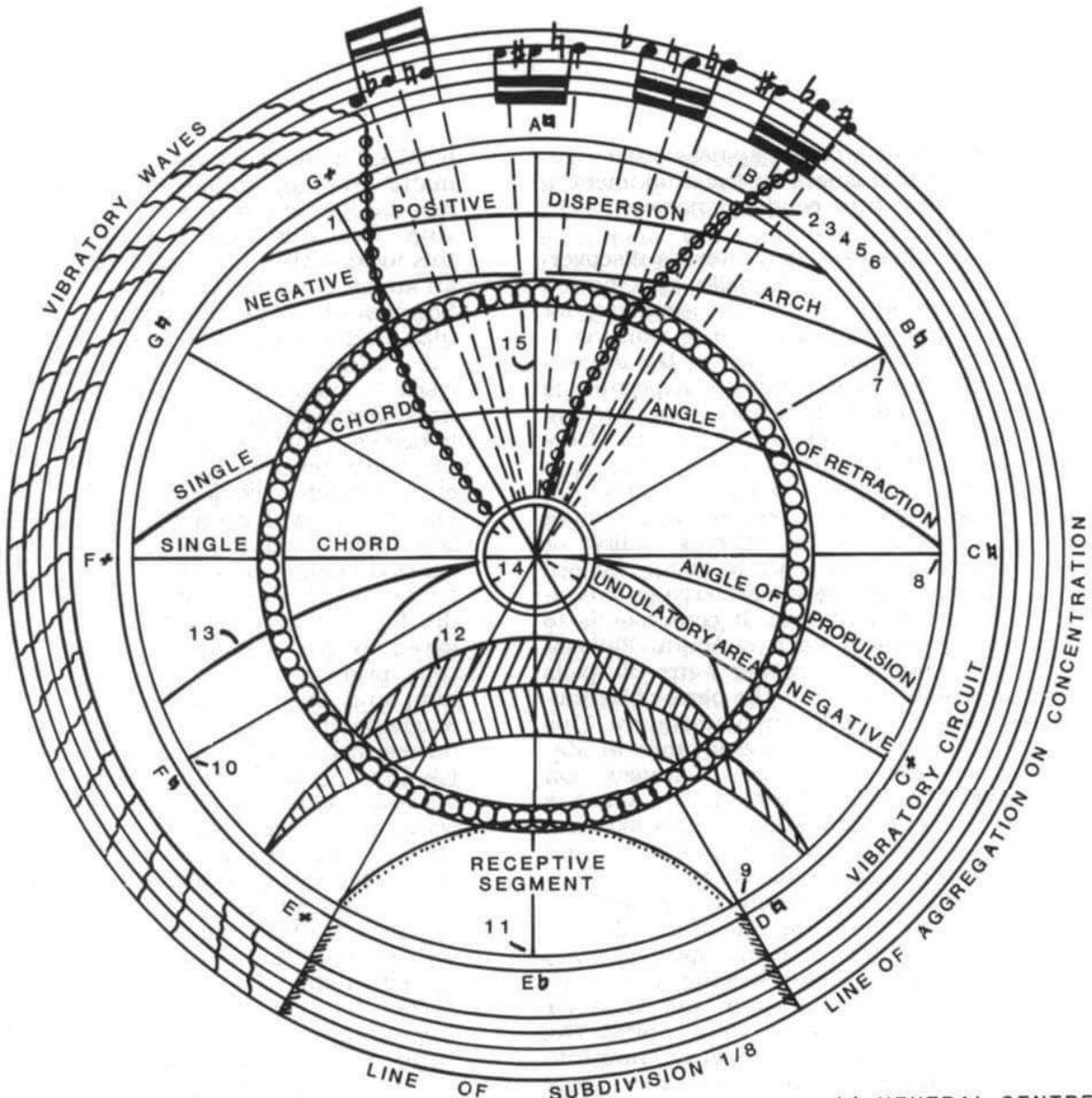


69



“**Postulate 3:** All piezoelectricity, oxidative-reductive reactions, electro-magnetism, and chemical interactions rely on the harmonics or dissonance of a musical vibrational mathematical matrix fundamental to physics and chemistry; all determined by simply nine ‘Perfect Circle of Sound’ frequencies.”

Vic Showell, a mathematician specializing in sacred geometry.



- |   |  |  |    |  |   |
|---|--|--|----|--|---|
| 1 |  | CHORD Ab<br>1st<br>OCTAVE              | 5  |  |   |
| 2 |  | CHORD OF<br>EQUATION<br>5th<br>OCTAVE  | 6  |  | NEUTRAL<br>CHORD<br>ANY OCTAVE          |
| 3 |  | QUADROPLE<br>CHORD<br>3rd<br>OCTAVE    | 7  |  | MOLECULAR<br>AGGREGATION                |
| 4 |  | CHORD OF<br>RADIATION<br>1st<br>OCTAVE | 8  |  | ETHERIC<br>CHORD<br>8th<br>OCTAVE       |
|   |  |  | 9  |  |   |
|   |  |  | 10 |  |   |
|   |  |  | 11 |  | SYMPATHETIC<br>CHORD OF<br>TRANSMISSION |
|   |  |  | 12 |  | HIGH<br>CONCENTRATION<br>DIVERGENCE     |
|   |  |  | 13 |  | UNDULATORY<br>AREA POSITIVE             |

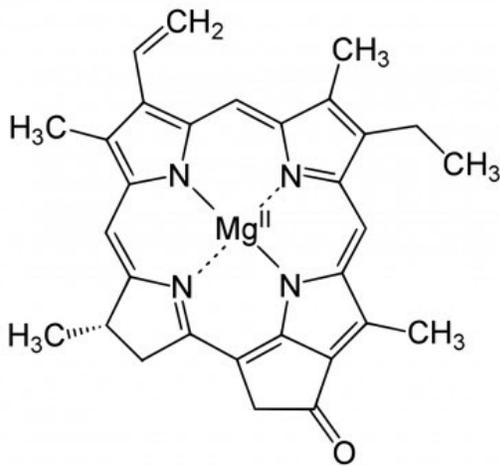
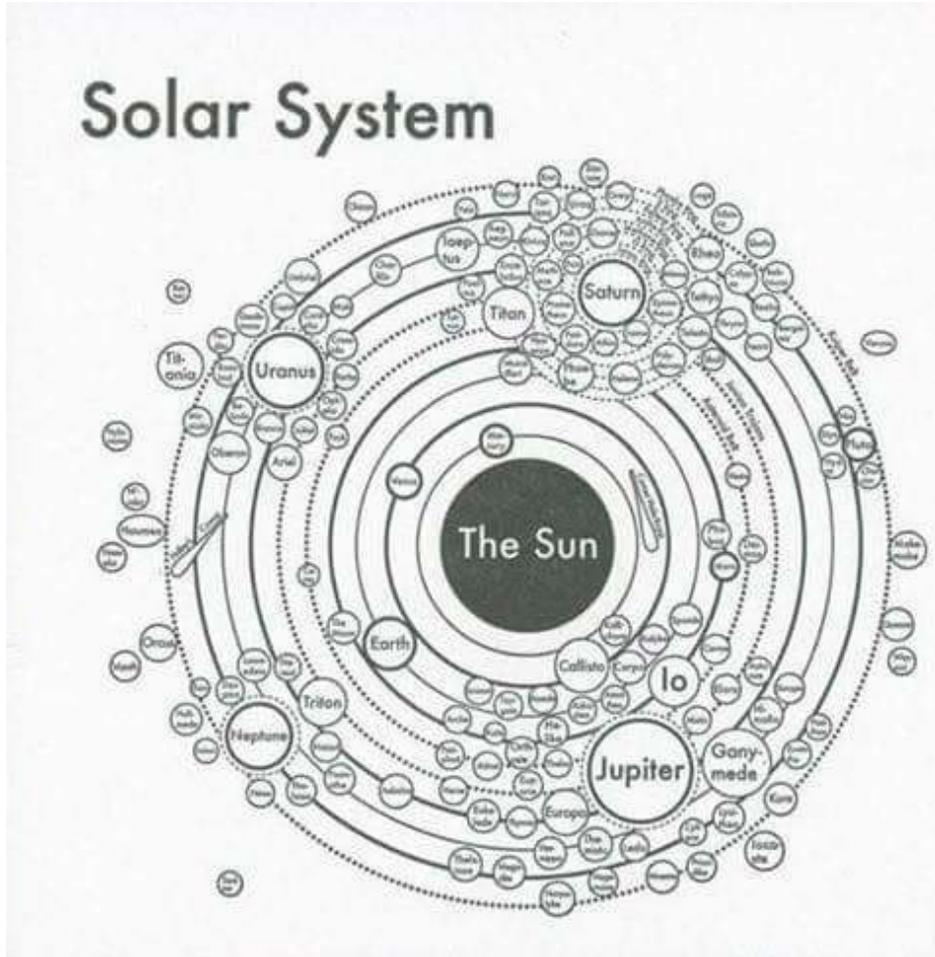
- 14 NEUTRAL CENTRE
- 15 VIBRATORY RADIATION

## KEY TO VIBRATORY ROTATION

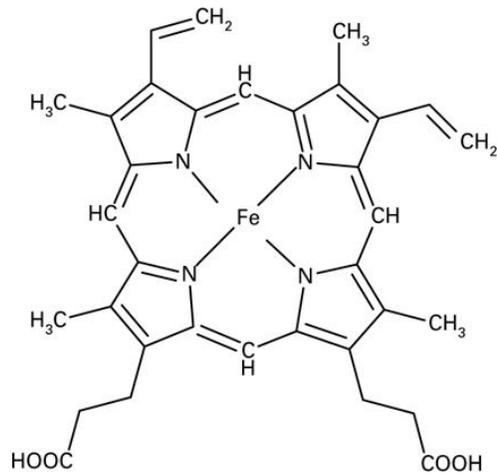
DESIGNED BY  
**John W. Keely**

JANUARY 1886

# Solar System



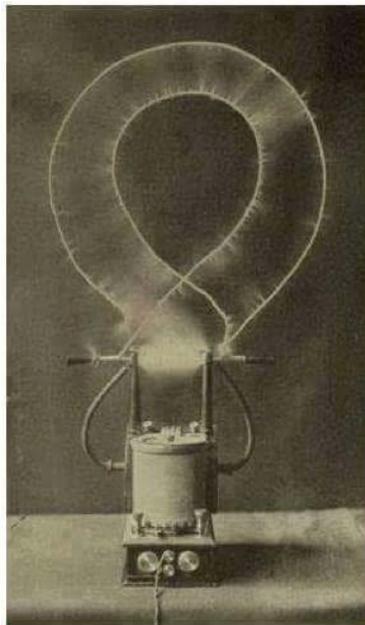
**Chlorophyll Molecule**



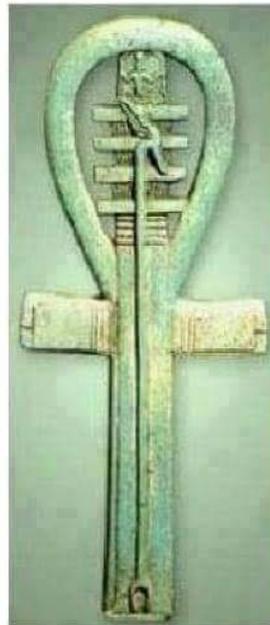
**Hemoglobin Molecule**



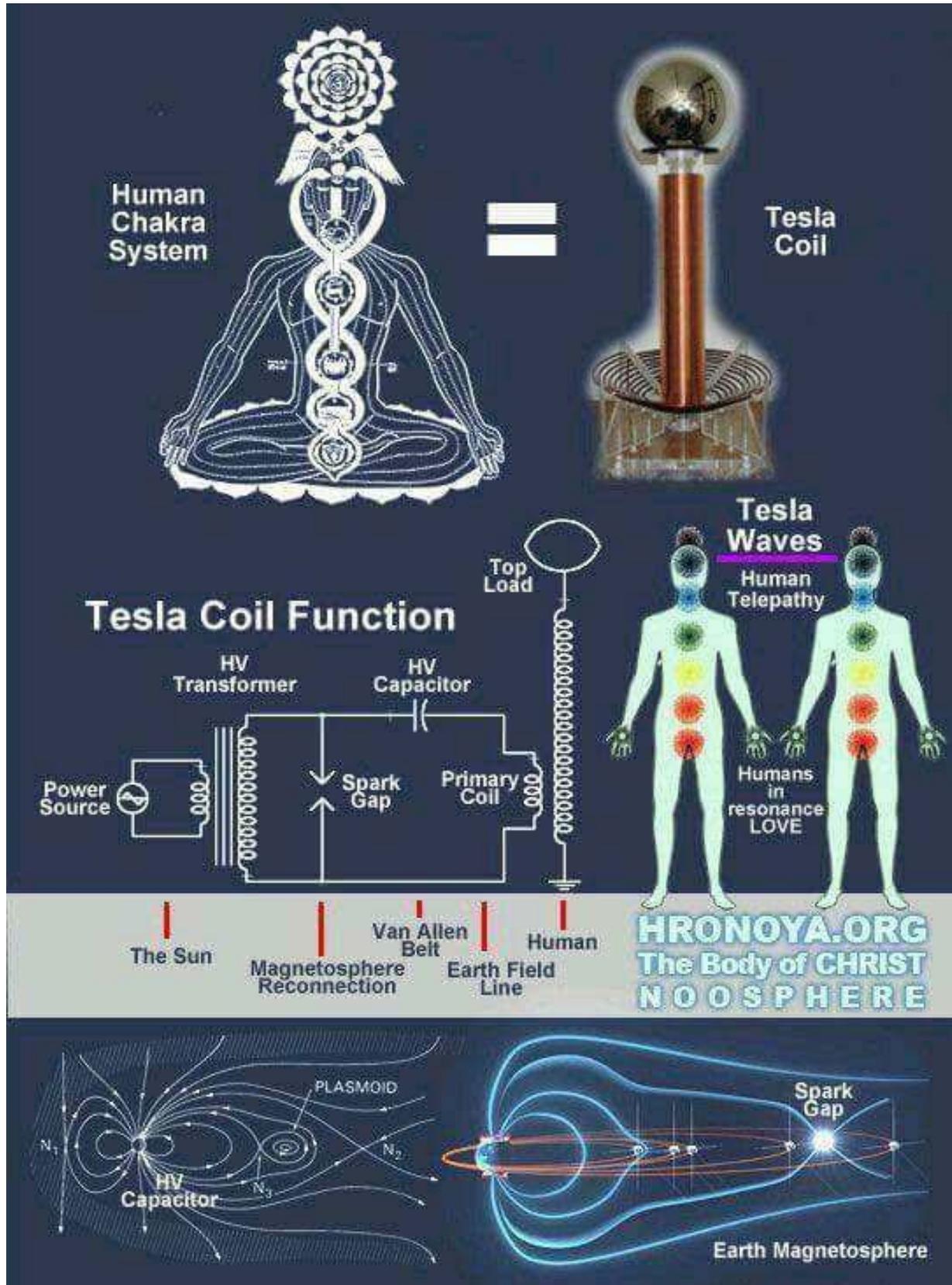
Octagonal Truncated Gold Molecule Naturally Formed

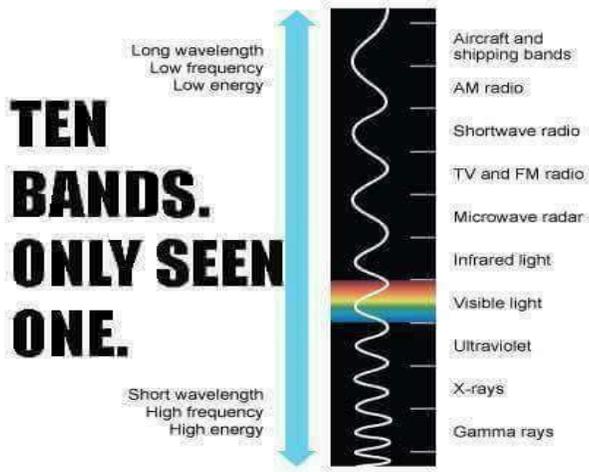
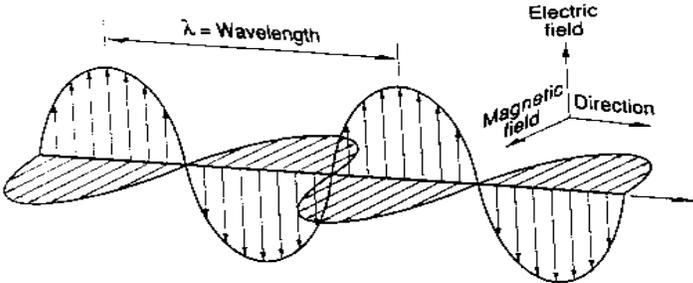
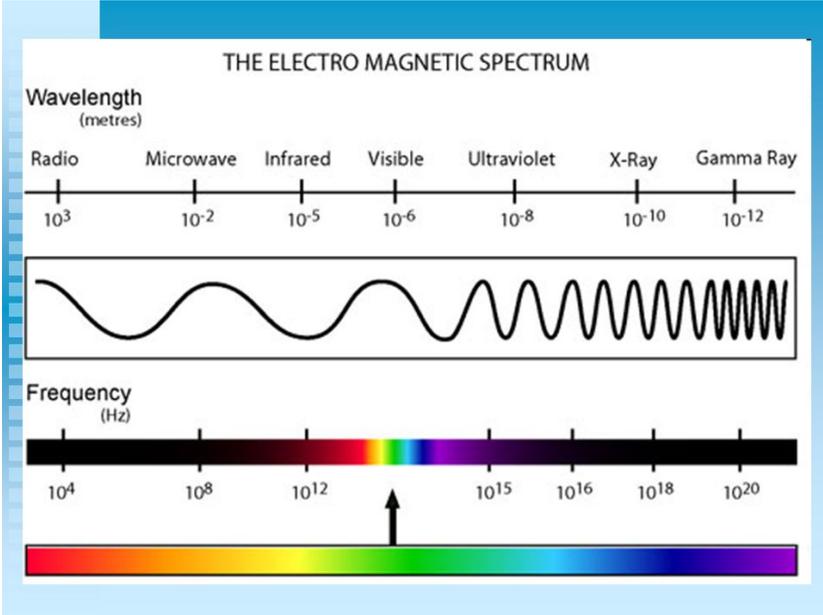


Nikola Tesla  
Electric Oscillator

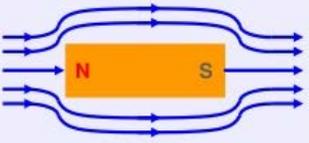
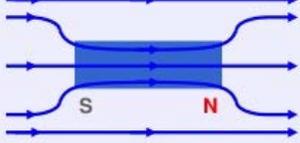
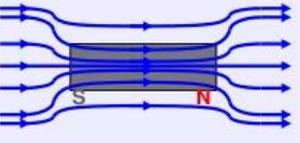


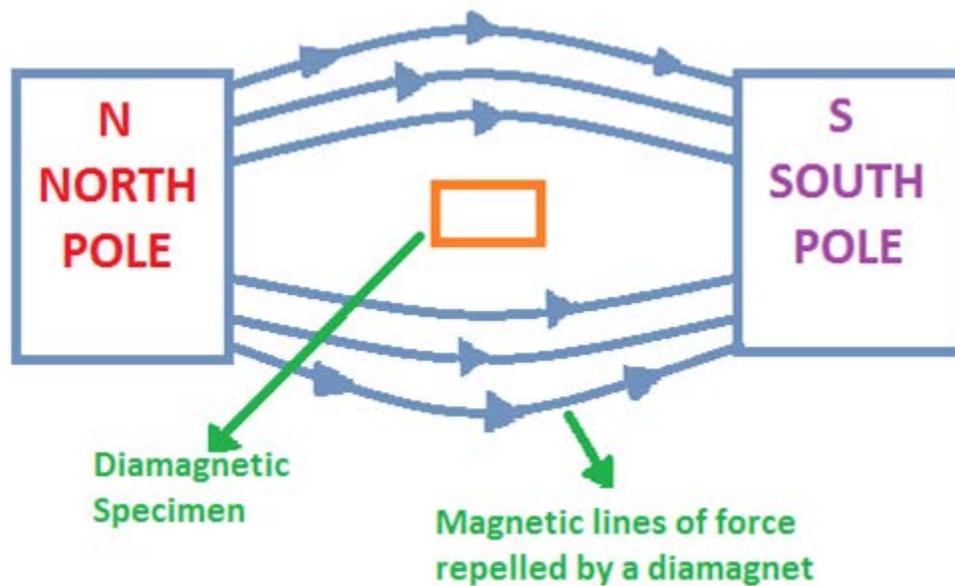
Egyptian  
Ankh





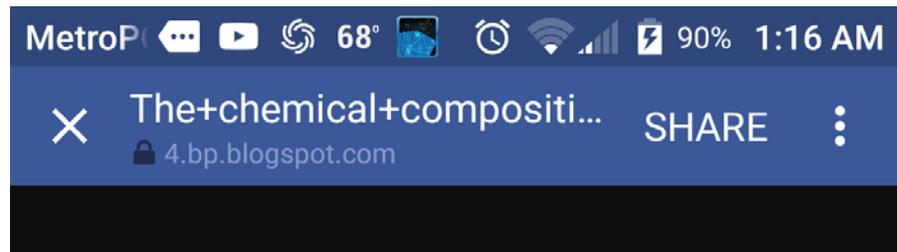
**Comparison of Dia, Para and Ferro Magnetic materials:**

DIA	PARA	FERRO
<p><b>1. Diamagnetic substances are those substances which are feebly repelled by a magnet.</b>                      Eg. Antimony, Bismuth, Copper, Gold, Silver, Quartz, Mercury, Alcohol, water, Hydrogen, Air, Argon, etc.</p>	<p><b>Paramagnetic substances are those substances which are feebly attracted by a magnet.</b>                      Eg. Aluminium, Chromium, Alkali and Alkaline earth metals, Platinum, Oxygen, etc.</p>	<p><b>Ferromagnetic substances are those substances which are strongly attracted by a magnet.</b>                      Eg. Iron, Cobalt, Nickel, Gadolinium, Dysprosium, etc.</p>
<p><b>2. When placed in magnetic field, the lines of force tend to avoid the substance.</b></p> 	<p><b>The lines of force prefer to pass through the substance rather than air.</b></p> 	<p><b>The lines of force tend to crowd into the specimen.</b></p> 



[www.chemavishkar.blogspot.com](http://www.chemavishkar.blogspot.com)

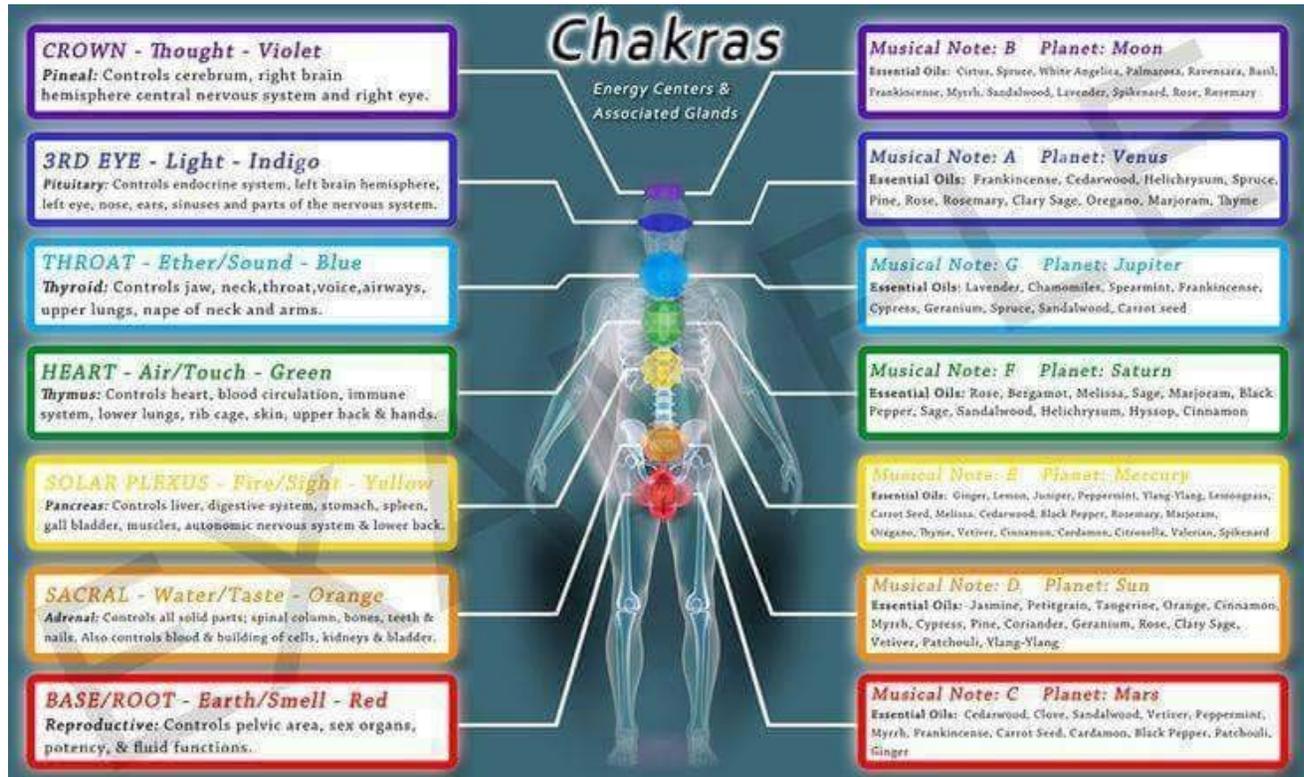
**Floating in Space.**



## CHEMICAL COMPOSITION OF GEMSTONES

THE COLOURS OF GEMSTONES ARE AFFECTED BY DIFFERENCES IN CHEMICAL AND ATOMIC STRUCTURE, LEADING TO THE ABSORPTION OF DIFFERENT WAVELENGTHS OF LIGHT. THEIR HARDNESS IS MEASURED ON THE MOHS SCALE, WHICH RUNS FROM 1-10.

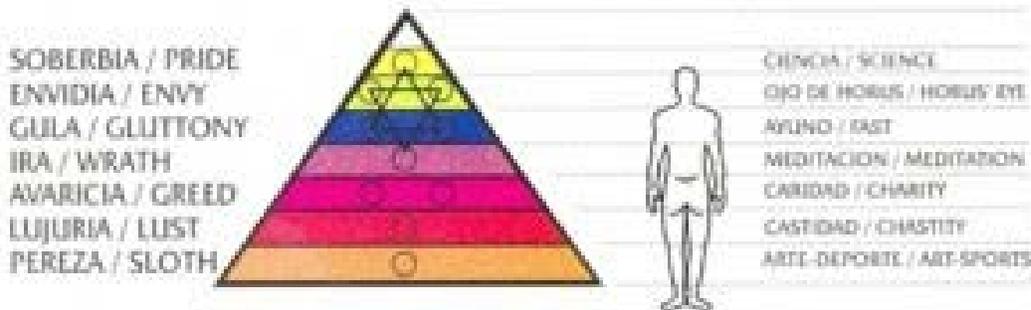
 <p><b>ALEXANDRITE</b>  <math>\text{Al}_2\text{BeO}_4</math>            Hardness: 8.5            Colour caused by chromium ions replacing aluminium in some sites. Colour varies in different light.</p>	 <p><b>AMETHYST</b>  <math>\text{SiO}_2</math>            Hardness: 7.0            Colour caused by irradiation of iron <math>3+</math> ions in place of silicon in some locations in the structure.</p>	 <p><b>AQUAMARINE</b>  <math>\text{Be}_3\text{Al}_2(\text{SiO}_3)_6</math>            Hardness: 7.5-8.0            Colour caused by iron <math>2+/3+</math> ions replacing aluminium ions in some locations in the structure.</p>	 <p><b>DIAMOND</b>            C            Hardness: 10            Colourless; can be faintly coloured by the trapping of nitrogen atoms in the crystal.</p>
 <p><b>EMERALD</b>  <math>\text{Be}_3\text{Al}_2(\text{SiO}_3)_6</math>            Hardness: 7.5-8.0            Colour caused by chromium ions replacing aluminium in some locations in the structure.</p>	 <p><b>GARNET</b>  <math>\text{Mg}_3\text{Al}_2(\text{SiO}_4)_3</math>            Hardness: 6.5-7.5            Colour caused by iron <math>2+</math> ions replacing magnesium ions in some locations in the structure.</p>	 <p><b>OPAL</b>  <math>\text{SiO}_2 \cdot n\text{H}_2\text{O}</math>            Hardness: 5.5-6.0            A 'play of colours' caused by interference &amp; diffraction of light passing through the structure.</p>	 <p><b>PEARL</b>  <math>\text{CaCO}_3</math>            Hardness: 2.5-4.5            Produced in the soft tissue of shelled molluscs. Most modern pearls are artificially cultured.</p>
 <p><b>PERIDOT</b>  <math>\text{Mg}_2\text{SiO}_4</math>            Hardness: 6.5-7.0            Colour caused by iron <math>2+</math> ions replacing magnesium ions in some locations in the structure.</p>	 <p><b>RUBY</b>  <math>\text{Al}_2\text{O}_3</math>            Hardness: 9.0            Colour caused by chromium ions replacing aluminium ions in some locations in the structure.</p>	 <p><b>SAPPHIRE</b>  <math>\text{Al}_2\text{O}_3</math>            Hardness: 9.0            Colour caused by titanium and iron ions replacing aluminium ions in some locations in the structure.</p>	 <p><b>SPINEL</b>  <math>\text{MgAl}_2\text{O}_4</math>            Hardness: 7.5-8.0            A variety of colours are possible; caused by impurities such as iron, chromium and nickel.</p>
 <p><b>TOPAZ</b>  <math>\text{Al}_2\text{SiO}_4(\text{F},\text{OH})_2</math>            Hardness: 8.0            Pure topaz is colourless; blue &amp; brown varieties are caused by imperfections in atomic structure.</p>	 <p><b>TOURMALINE</b>  <math>\text{Na}_3\text{Li}_3\text{Al}_6(\text{BO}_3)_3(\text{SiO}_3)_6\text{F}_4</math>            Hardness: 7.0-7.5            Colour caused by manganese ions replacing lithium and aluminium ions in some sites.</p>	 <p><b>TURQUOISE</b>  <math>\text{Al}_6(\text{PO}_4)_4(\text{OH})_8 \cdot 4\text{H}_2\text{O}</math>            Hardness: 5.0-6.0            Colour caused by the presence of copper ions coordinated to the hydroxide ions and water.</p>	 <p><b>ZIRCON</b>  <math>\text{ZrSiO}_4</math>            Hardness: 7.5            A range of possible colours that depend on the impurities present. Colourless specimens are popular diamond substitutes.</p>



### The Seven Distorters of Reality (the Seven Egos)

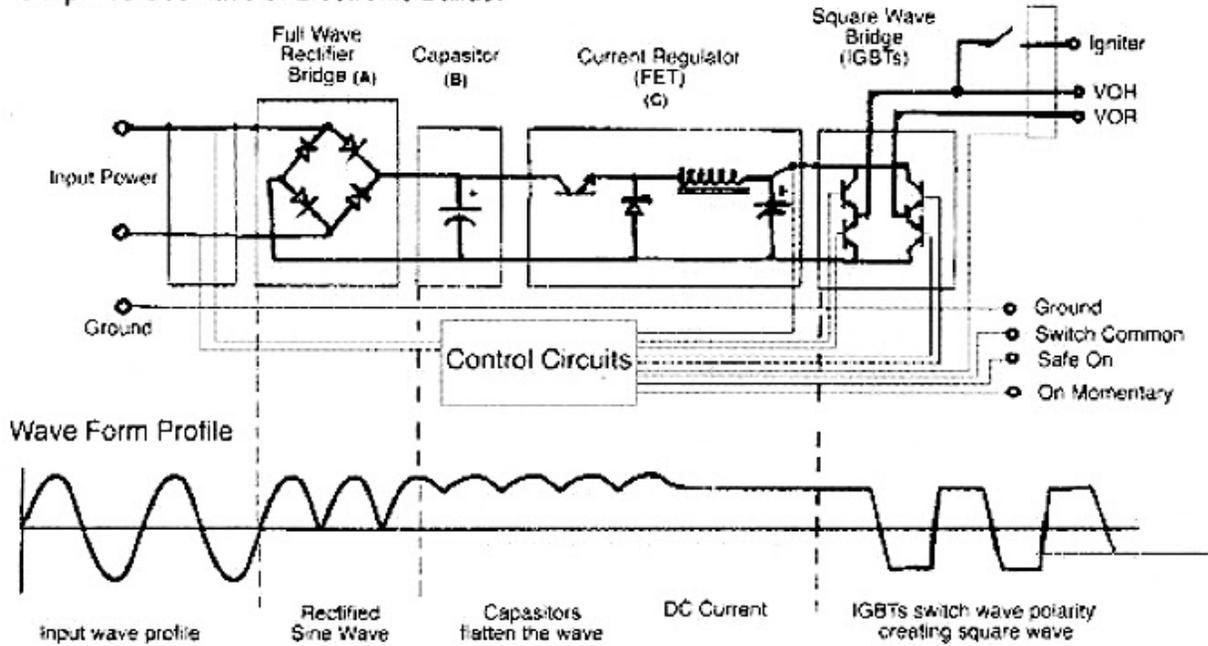
SERPENT OF SHADOW

SERPENT OF LIGHT

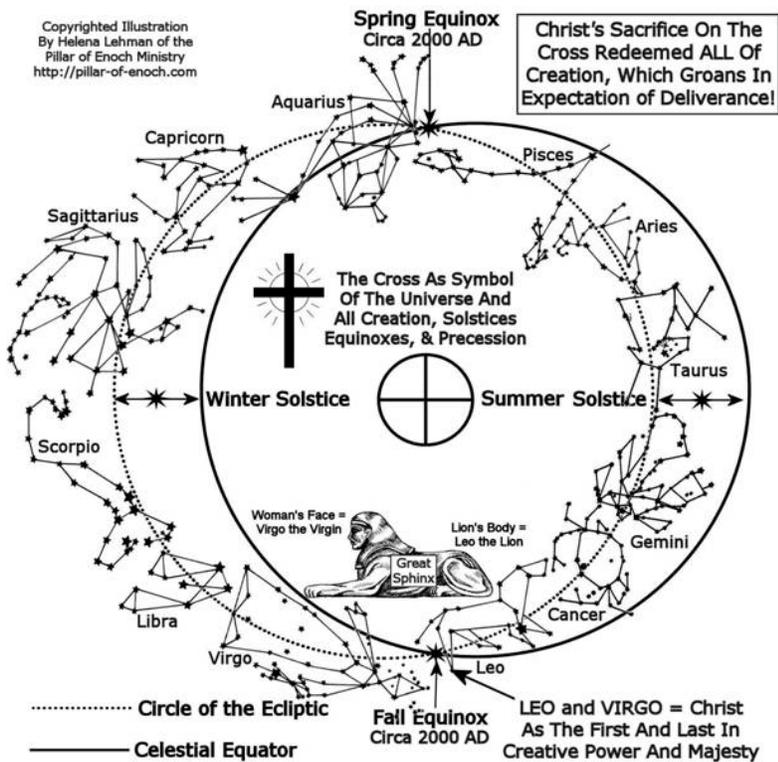


Pyramid of Consciousness

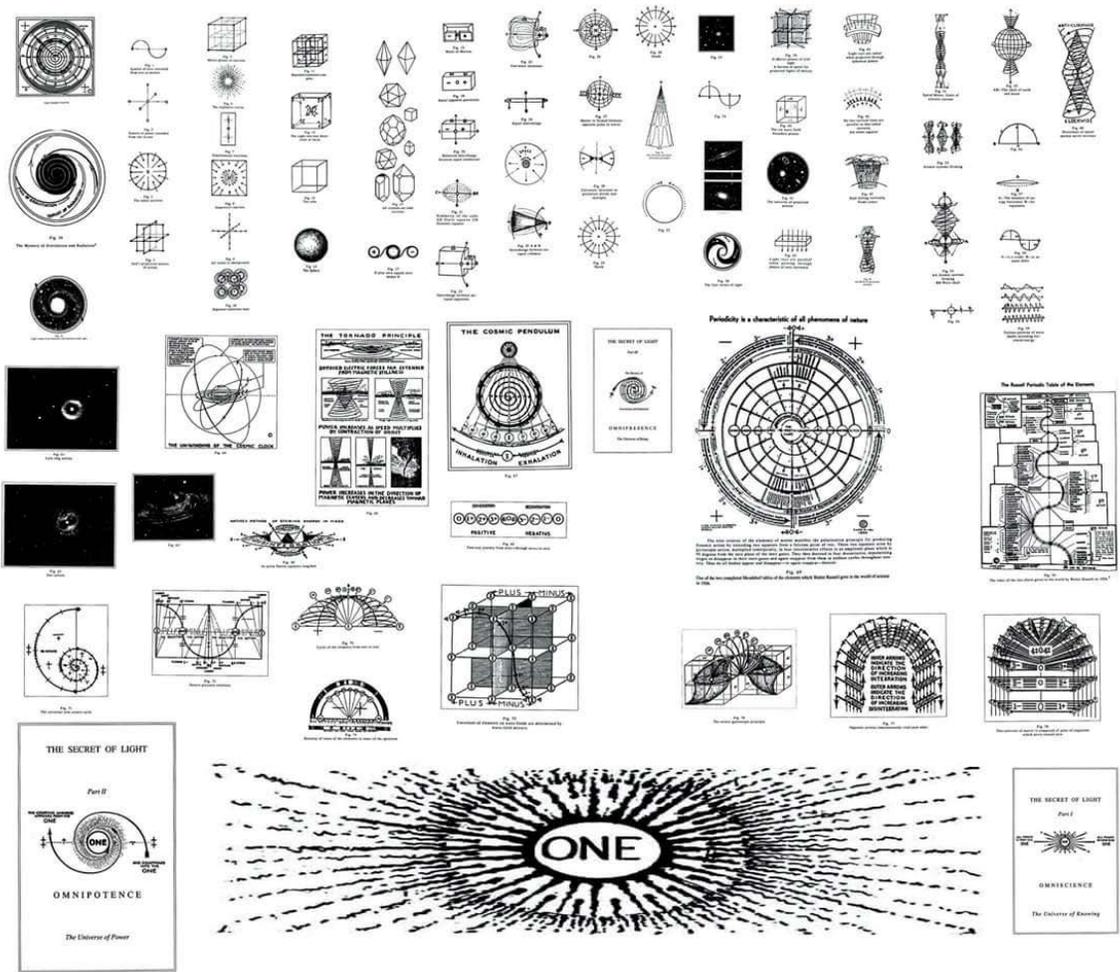
Simplified Schematic of Electronic Ballast



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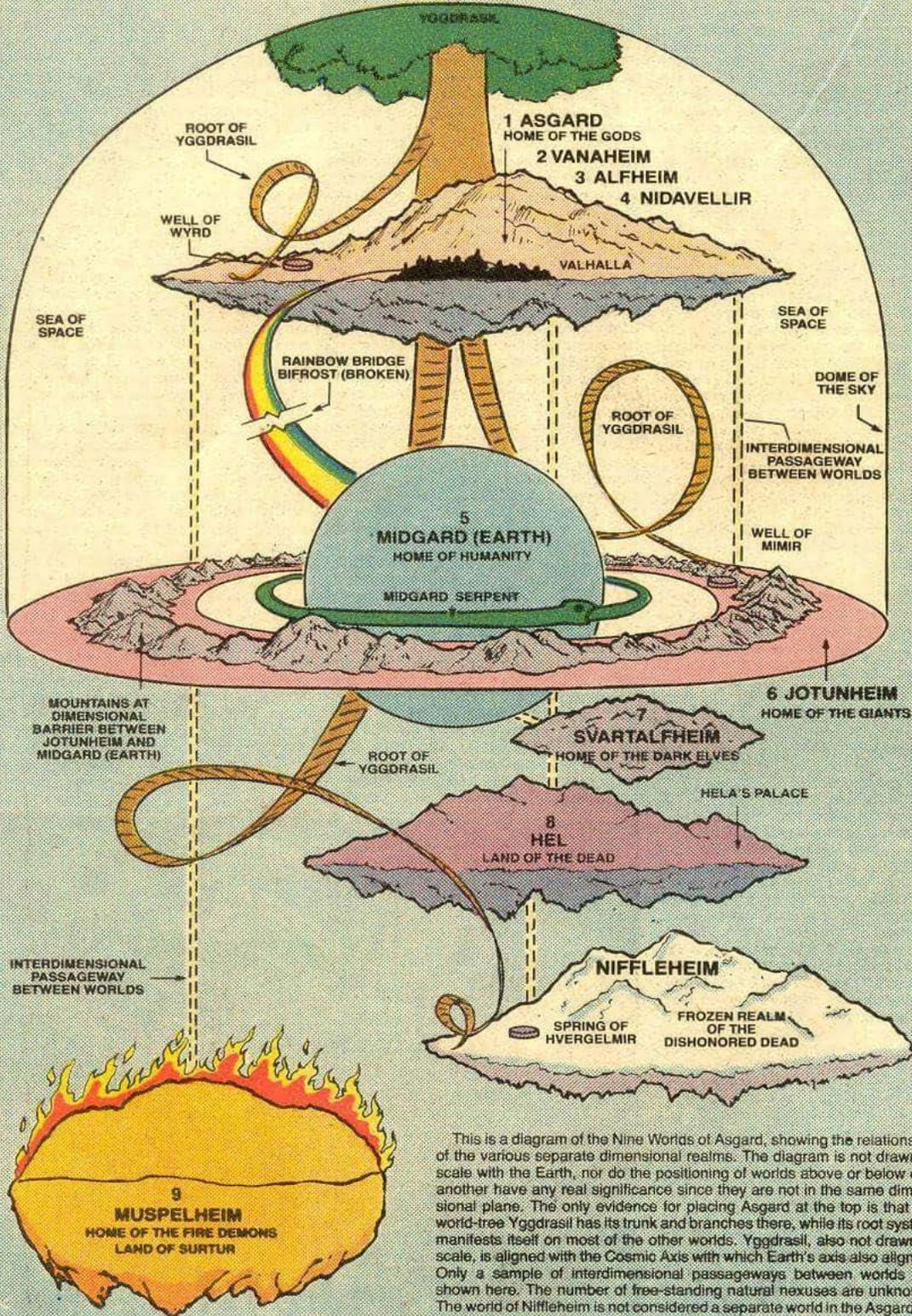


As far as thee I can see.

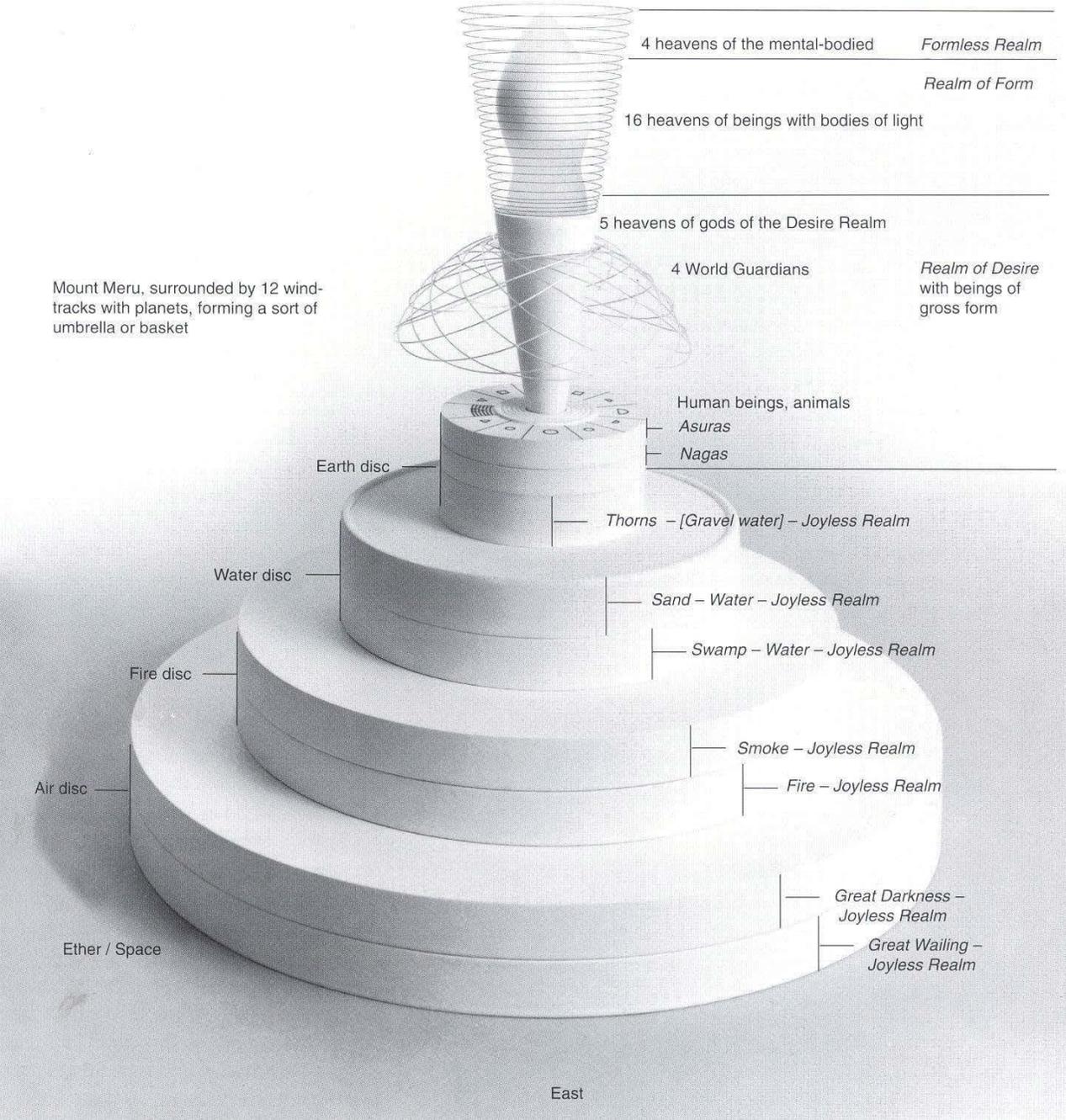


Sum Ones Vision.

# ASGARD: THE NINE WORLDS



This is a diagram of the Nine Worlds of Asgard, showing the relationship of the various separate dimensional realms. The diagram is not drawn to scale with the Earth, nor do the positioning of worlds above or below one another have any real significance since they are not in the same dimensional plane. The only evidence for placing Asgard at the top is that the world-tree Yggdrasil has its trunk and branches there, while its root system manifests itself on most of the other worlds. Yggdrasil, also not drawn to scale, is aligned with the Cosmic Axis with which Earth's axis also aligned. Only a sample of interdimensional passageways between worlds are shown here. The number of free-standing natural nexuses are unknown. The world of Niffleheim is not considered a separate world in the Asgardian cosmology, but is thought to be an adjunct world to Hel.



## Chapter 10: A Choir of Angles



*“Our biological rhythms are the symphony of the cosmos, music embedded deep within us to which we dance, even when we can't name the tune.”*

Deepak Chopra

Harmonic Resonance vs Cognitive Dissonance: Finding the Swing to Sing-

There are  $360^\circ$  in a circle. That equates to 360 one-degree angles. The most common reoccurring form in micro and macro seems to be the sphere. *"Analogous to one degree being equal to  $\pi/180$  radians, a square degree is equal to  $(\pi/180)^2$ , or about  $13283 = 3.0462 \times 10^{-4}$  steradians (0.30462 msr). The number of square degrees in a whole sphere is approximately  $41253 \text{ deg}^2$ ."* Square Degree.

That's a lot of angles.

If every person who is trying to understand the Greater Whole is looking at it from different angles, we must accept that there are an infinite number of angles in the equation that makes up the whole. How can we possibly ingest so many voices and perceptions in an organized and inviting fashion? How can we turn the dissonance of jarring, juxta, pointed angles into the lovely sphere of understanding that they are all longing to be? Who is the harmony? The melody? The rhythm? The music is already there. Let's listen to learn the tune.

Howard Lipman, whose pen name is Pan Orpheus, is on the Board of Directors of the Tesla Science Foundation. He's written several science fiction novels set in the Electric Universe with alternate histories, time machines, and steam punk elements. In his first two novels, he focuses on two characters, Theauia, the all-seeing Delphonic oracle, and Pathagorus, with his knowledge of math and science. Lipman states his object is to show how "...the "seeing" and the "knowing" together produce something much more powerful than either one of them could produce alone." He gives us his perspective accompanied by a link to a gorgeous example of the music in the empty spaces....

*"<https://youtu.be/gDm4IphrlYg> More music, tones, vibrations, frequencies and wavelengths that we call music...coming from seemingly empty spaces, and brought to us through OUR technology of Electricity and Electromagnetism. Gravity, a weak force has not brought us this. It*

*doesn't come out of outlets in our homes. So why do Astronomers, Theoretical Physicists and others prohibit themselves and their peers, and their students in vaulted 'Institutions of Academic Science' from studying, teaching and even acknowledging Electricity and Electromagnetism as well as Plasma in Space. For well over 100 years the Neon lights of Broadway have shown us the light that comes from electrified Plasma. These things are not new. I believe in 'As above so Below' and challenge the existing antiquated idea of a gravity-only driven paradigm for the Universe. The paradigm of an Electric Universe is already here...and can be proven in Plasma laboratories, ushering in a new age of experimental and observational Science. Can you hear its music? The music of an Electric Universe?"*

Philosopher and writer Alain DeBotton wrote that the artist is “willing to sacrifice a naive realism in order to achieve realism of a deeper sort, like a poet who, though less factual than a journalist in describing an event, may nevertheless reveal truths about it that find no place in the other’s literal grid.” from Jason Silva fb

*“It takes a fearless, unflinching love and deep humility to accept the universe as it is. The most effective way he knew to accomplish that, the most powerful tool at his disposal, was the scientific method, which over time winnows out deception. It can't give you absolute truth because science is a permanent revolution, always subject to revision, but it can give you successive approximations of reality.”*

Ann Druyan

Ä high note- *"Dwell not on what went wrong but focus on what to do next...Spend your energies on moving forward toward finding the answer..."* Denis Waitley

Neil Thompson ETT, with the Thunderbolts Project graciously shared some thoughts with us....  
*"I am often convinced that the future no longer resides in those who separated the sciences and segregated knowledge. A lack of rigor when it has come to separating assumption from fact has built a universe which makes no sense and is often hide's the falsifications of itself because of the belief of its adherents. The Electric Universe Theory provides a coherent answer that explains the anomalies in the old theory and in so doing has reconfirmed itself at every new turn. This is the mark of a theory on the right track. With this theory, it becomes possible to have an honest look at the history of our world, how we developed and in so doing, learn where we are heading. No longer separate isolated bodies, we are a real part of the living cosmos. The same electricity that flows through a tree or the earth or the sun also flows through us and is all one and the same. This fundamental change in perception can profoundly affect the future of our societies. We may finally come to heal the forgotten traumas of our collective past."* So grateful to have made this new friend!

*"Here is today's example of someone who resists. It is from during the burning times from the witch trials. We do not know the names of these women. But there were groups of women in Italy who, when the witch hunters arrived in their community, chose, rather than be tortured and burned, to link arms and walk into the ocean to drown, singing as one the hymn: "Take me to the*

*sea/If you are willing that I be healed/To the sea, to the way/Thus does my lady love me/To the sea, to the sea/While I live, I must love you.”* Derrick Jensen

*“The importance of ritual (habit) is reflected in religion and myth because it is the grounding source of the psyche’s expression in the three-dimensional realm. Ritual serves to create and maintain the illusion of density as matter, by and for the conscious mind. It serves as the basis of matter, which per Bohm is recurrence, and so doing lends coherency and cohesiveness for the conscious linear succession of archetypal images and dramas emotionally projected outward by the psyche through the senses from the world’s collective unconscious.*

*As Jung notes in Man and His Symbols, “The narration or ritual repetition of sacred texts and ceremonies, and the worship of such a figure with dances, music, hymns, prayers, and sacrifices, grips the audience with numinous emotions (as if with magic spells) and exalt the individual to an identification with the hero.”*

*Jung alludes to repetition of the psyche’s linear succession of images: “[A]ll the mythologized processes of nature, such as summer and winter, the phases of the moon, the rainy seasons, and so forth, are in no sense allegories of these objective occurrences; rather they are symbolic expressions of the inner, unconscious drama of the psyche which becomes accessible to man’s consciousness by way of projection - that is, mirrored in the events of nature.” In Psychological Reflections, he adds, “The psyche creates reality every day.” Elaine Pagels discusses the significance of rituals in everyday life in The Gnostic Gospels: “But it is not only the story of Christ that makes ordinary life sacred. The Orthodox Church gradually developed rituals to*

*sanction major events of biological existence: the sharing of food, in the Eucharist; sexuality, in marriage; childbirth, in baptism; sickness in anointment; and death, in funerals."*

-The Psyche as Interaction: Electromagnetic Patterns of Conscious Energy

Part 1: The Collective Unconscious

Chapter 3: The Importance of ritual; fractal geometry; the Chaos Theory; dissipative structures (pg 18)"

Daniel "Whelland" Dowd [www.weeklyhoroscope.com](http://www.weeklyhoroscope.com) says,

*"I guess the point I am trying to make here is the need to keep our minds open to new or alternative views or information... Everything in today's Modern Life has a vibe of "It's Us against Them"... But in reality, we are really all the same, looking for and trying to have the best life experience that we can... Right?... So rather than fighting each other over dogma or rhetoric, doesn't it make more sense to layout what we want and what we expect so that all sides can offer suggestions and solutions?... (duhhhh)... hehe... When there is no "common-ground" that exists between the adversaries, then sometimes you have to elevate things to higher levels... To be able to see things through elevated perspectives. "* Thanks, Man. Love this guy!

*"Everybody has a little bit of the sun and moon in them. Everybody has a little bit of man, woman, and animal in them. Darks and lights in them. Everyone is part of a connected cosmic system. Part earth and sea, wind and fire, with some salt and dust swimming in them. We have a*

*universe within ourselves that mimics the universe outside. None of us are just black or white, or never wrong and always right. No one. No one exists without polarities. Everybody has good and bad forces working with them, against them, and within them.”*

PART SUN AND MOON by Suzy Kassem

*“Om is not just a sound or vibration. It is not just a symbol. It is the entire cosmos, whatever we can see, touch, hear and feel. Moreover, it is all that is within our perception and all that is beyond our perception. It is the core of our very existence. If you think of Om only as a sound, a technique or a symbol of the Divine, you will miss it altogether. Om is the mysterious cosmic energy that is the substratum of all the things and all the beings of the entire universe. It is an eternal song of the Divine. It is continuously resounding in silence on the background of everything that exists.””*

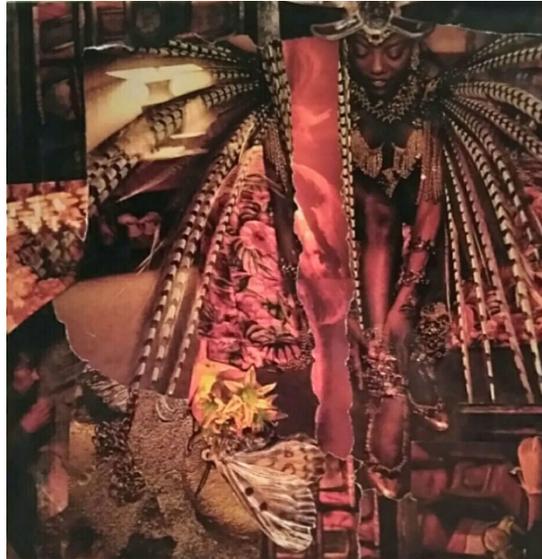
Amit Ray, Om Chanting and Meditation

“The world is like a ride in an amusement park, and when you choose to go on it you think it's real because that's how powerful our minds are. The ride goes up and down, around and around, it has thrills and chills, and it's very brightly colored, and it's very loud, and it's fun for a while. Many people have been on the ride a long time, and they begin to wonder, "Hey, is this real, or is this just a ride?" And other people have remembered, and they come back to us and say, "Hey, don't worry; don't be afraid, ever, because this is just a ride." And we ... kill those people. "Shut him up! I've got a lot invested in this ride, shut him up! Look at my furrows of worry, look at my big bank account, and my family. This has to be real." It's just a ride. But we always kill the good guys who try and tell us that, you ever notice that? And let the demons run amok ... But it doesn't matter, because it's just a

ride. And we can change it any time we want. It's only a choice. No effort, no work, no job, no savings of money. Just a simple choice, right now, between fear and love. The eyes of fear want you to put bigger locks on your doors, buy guns, close yourself off. The eyes of love instead see all of us as one. Here's what we can do to change the world, right now, to a better ride. Take all that money we spend on weapons and defenses each year and instead spend it feeding and clothing and educating the poor of the world, which it would pay for many times over, not one human being excluded, and we could explore space, together, both inner and outer, forever, in peace.”

– **Bill Hicks**

**Chapter 11 : The Currents That Got Me Here- A One Point Perspective**



A little about myself.....

**I Come From.....**

I come from a place of respect  
Between raindrops and flower petals;  
That ephemeral point of beauty  
That catches the eye in the  
Never ending cycle of  
Sustenance and rebirth.

I come from a rich history  
Hidden in underground  
Bomb shelters and railroad tunnels,  
Behind ply-wood non-windows  
In the endangered marbles  
That hold up asbestos soaked bricks  
Laced with neo-gothic spires.

I come from every version of God  
Allowed by the old King James.  
Sit, stand, kneel, hallelujah  
And also with you, Brother  
As you dunk, dip, genuflect and crack  
To relieve burdens  
Too heavy to carry.

From soul food and shish-kabob,  
White trash and immigrants,  
I come from the morals standings  
Of the honest poor;  
From those whose experience and sweat  
Had given them food and freedom,  
Life and children.

I come from horse thieves and slaves;  
Expelled for crimes or sold for safety,  
Ringed scars still shackling her wrists  
Forever and ever, Amen.  
*Yes sirum yem dzez Vartouhi.*  
From prostitutes and gamblers,  
Runaway farmers with three dads-  
Lie to the Marines about your age  
'Cuz anything sounds better than this.

I come from love at first sight  
And the second of five on both sides,  
From a janitorial service and elementary teacher.

I come from the best they could do  
Because that's all we've really got.

I come from the tragedy of  
Rebellion over self-conquest,  
From those who might have given  
Their oppressors what-for  
And saved themselves  
Had they just let go completely.

I come from the aftermath of poverty  
And its plush soot walls.  
The top is too far for us to fall

So, we sit and look up;  
Giving our resolve to lack of wings-  
We have hands to build and climb.  
We'll get there soon enough.

**The Balances of Dance**

*Tip toeing across fields of experience past,*

*I tripped in a muddied hole.*

*My feet confined to boots of regress,*

*Fear encompassed my soles.*

*The foundation that I rested on*

*Was merely a quarter inch wide,*

*The tip of which was jagged.*

*My movement, an awkward glide.*

*For years I walked this way,*

*Or better, skated on frozen ground.*

*My steps dictated by counting in beat*

*With pre-chosen sounds.*

*The repercussions of this rigidity*

*Manifested in my body and my spirit.*

*Warts covered my heels*

*And no treatment was able to clear it.*

*My back ached at the base*

*And up into my shoulders.*

*Every day was a struggle*

*With the redundancy of moving boulders.*

*When I couldn't take it any more*

*I threw down my gloves and stepped of the ice.*

*Since that day I've been to skate once.*

*Alright, maybe twice.*

*My feet were stunted for a while,*

*Never exceeding a child's size two.*

*Until the day I danced barefoot*

*Then suddenly, they grew!*

*The more I got to know them*

*The more I knew myself.*

*The ailments disappeared and*

*I felt an increase in my health.*

*Twenty-six new bones*

*I never knew I had.*

*Thirty-three new joints*

*Were flexing in my pads.*

*Over a hundred ligaments*

*Pulled my body closer together.*

*Seven thousand nerve endings*

*We're exploring a whole new Heather.*

*Exhilaration floored me.*

*A welcome change from a chilly rink.*

*My body warm from top to bottom.*

*Every muscle was in sync.  
Balance took on a whole new meaning  
Outside of concentric circles.  
My toes spread wide to catch me  
Through life's unpredictable hurdles.  
Undulating between the spaces  
Between time and grace and support,  
I found myself able to take criticism  
Without the need to retort.  
I felt a peace and gratitude  
That was as blocked as  
My skated foot.  
With hardly a crevice to peer through,  
Let alone expand my roots.  
It took two women light-heartedly  
Expressing their disdain for feet  
To bring me back to the gravity  
Of a single djimbe's beat.  
They talked about how uncomfortable  
Someone else's toes can make them.  
They scrunched their noses and squinted their eyes.  
As if arches and ankles could break them.*

*The conversation brought me back  
To my own childhood trauma.  
Blades and lasers and liquid nitrogen  
While dreaming of Oksana.  
I wondered if they knew  
The power in their words.  
If they knew the importance of feet.  
Maybe they hadn't heard.  
Maybe, like the rest of us,  
They were taught to dream of the sky.  
After all, the main cliché says  
To set our goals sky high.  
And someone told me yesterday  
That our culture is focused on what's new  
'Cuz someone else can do the same thing  
Better than you can do.  
I think we're all just stuck on ice  
Trying to jump as high as we can.  
Trying to make it through each day  
Fulfilling society's demands.  
We've developed a phobia of the ground  
And what connects us to it.*

*It coming out in high pitched shrieks*

*And an overwhelming need to shoe it.*

*I realize now, it's ok to trip*

*As long as the experience is remembered.*

*The muddied hole squishes in my toes.*

*My balance is not hindered.*

*So, I hung up my skates and burned my socks*

*Vowing to view struggle as a chance*

*To find myself and soul through memories;*

*The balances of dance.*

## Chapter 12: Daring Discoveries: Choose Your Own Adventure

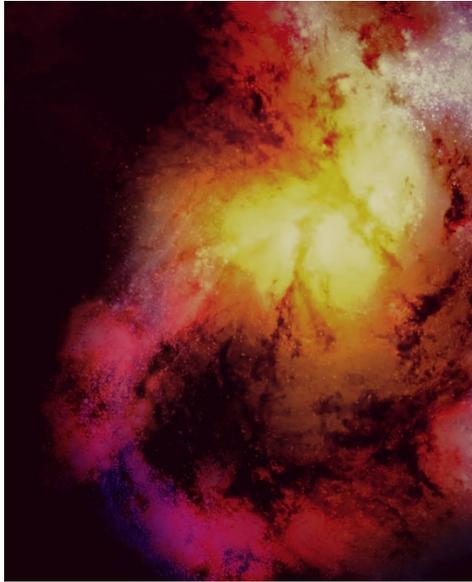


*“The final mystery is oneself. When one has weighed the Sun in the balance, and measured the steps of the moon, and mapped out the seven heavens star by star, there still remains oneself. Who can calculate the orbit of his own soul.” Oscar Wilde, De Profundis*

The future is yet to be written. It is only what we dare to make it. How brave are you? How bold is your vision? Explore the realms of possibility with wise discernment. Do not be fooled. Look for the patterns to be revealed. Record your questions, for it is curiosity that fuels the machine of imagination. Insert your next adventure here:



## We're Ex(cited) Page



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THE PSYCHE AS INTERACTION: ELECTROMAGNETIC PATTERNS OF CONSCIOUS ENERGY PAPERBACK – JUNE 13, 2014

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**Star light, Star bright,  
I thank my lucky stars tonight!**

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