

The Reification of Language, Geometry, Mathematics, and Magnetism

by Michael McKeown

Clearly some in Masonic history have had access to a Grand Secret of Masonry. They left clues in their artwork and architecture. Coral Castle's Ed Leekskalnin left megalithic structures as proof he'd figured out at least some part of the Grand Secret, but he also did not divulge it's nature, though like those before him, he left clues in his works.

I wonder if those Masons in the past that found the secret considered their Masonic obligations to infer keeping the secret if it should be found, even though that Grand Secret is not specifically mentioned in our obligations. Indeed, it could be that they thought the very existence of the secret should not be mentioned, if it should be discovered. Of course the challenge is that since no one who discovers it speaks of it, one must discover it on their own.

I suggest Masonry is a broken, distorted vehicle of the Grand Secret. I do not mean that our beloved craft of *Masonry* is broken, rather the vehicle-of-the-Grand-Secret aspect of Masonry has been muddied through forgetting. Masonry's obligations no longer contain (if they ever did but I'm suggesting they did) the keeping of the Grand Secret secret because the millennially slow changing of words and ritual has occurred by those that did not know the core secret, so were unaware of that which they were helping to lose.

I'm not necessarily referring to the period from 1717 to now. The core knowledge may have been forgotten before then, but clearly has been re-discovered by some few since then. I suggest that Masonry has it's roots in the far distant past; perhaps to a period at the end of the last root race when humanity became thinned to near extinction. This core set of knowledge: who we really are, where we are from, and an understanding of the basic forces of the universe that allowed the megalithic constructions we see on Earth, Mars, and the Moon may have been encoded in Masonry at that time and has seen a slow devolution since that most ancient time.

I suggest there are (or were) powerful ancient forces that endeavor to keep mankind ignorant of our true nature, the true nature of the world around us, and of how to manipulate the real underlying energy that creates the forms we observe. I believe Freemasonry has hidden the knowledge of these things very much like Freemasons in Nazi Germany hid themselves behind the forget-me-not pin. Hiding in plain sight, with only those with eyes to see able to recognize the knowledge so that those that don't want us to know don't realize we *do* know. Except we have forgotten what we knew, and have to re-discover our own secrets.

In my last article we explored the philosophy that the point within the circle demonstrates. There is a parallel between geometry and philosophy. Let me start by reminding you that psychology is the study of errors of observation and the resulting incorrect behaviors the ego chooses. If your partner might do something you find irritating and you put on a resultant frustrated response, the psychologist will help you find in your past what happened for your ego to learn to identify that particular behavior as 'irritating' so that you can become free from making that mistake of observation and it's resultant unhealthy behavior in the future. Psychological systems like NLP (Neuro Linguistic Programing) go further and re-train the ego to interpret the behavior in a new way so that a new behavior results. In the example above, a totally different person might see that behavior as cute, and experience a strong love feeling instead of irritation. The observed behavior was the same, the energy moving in the body in both cases was the same, but the response was different. Philosophy teaches us that there is an aware entity within us that is the originator of the ego and it's choices on what things mean and what behaviors to adopt.

Psychology does not recognize a prior state of awareness that exists before the ego makes it's decisions on how things are and what behaviors to exhibit, though if one stays with western therapy long enough, one will realize that all behaviors are learned responses and there is indeed a state of awareness that exists prior to that morass.

To a parallel point, geometry interpenetrates all that is observable. It is the foundation of the physical world, from light that reflected from objects let's us 'see', to the structure of the vibrations of air that are interpreted as sound. It forms the structure of the microscopically small and the galactically large. However, we might liken Platonic geometry to the ego. While geometry takes on forms that are observable, they are but reflections of an underlying structure and order that mainstream science does not include in it's model of reality.

Psychology is to the ego, and ignores the underlying ego-less state of energy, as geometry is to the observable world, and ignores the energy that is *it's* originating state.

I suggest that if Freemasonry points to the underlying reality of awareness, then our early Masonic forefathers must also have been aware that similarly, geometry is an outer manifestation of an invisible creative force. I further suggest that an understanding of this source of geometry allows access to a forgotten ancient technology; a technology that allows for the manipulation of large stone blocks and even off planet travel. A technology that allows long distance transfer of energy without loss.

Just as with the ego, Geometry is an energy that exists in an original state where both potentialities exist at the same time. It is in this original state that the magic lies.

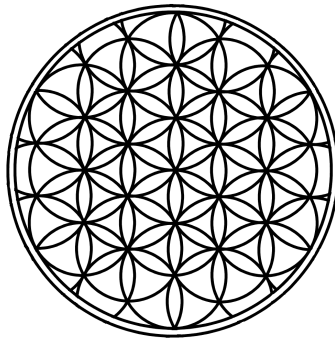
It is a part of my thesis that thousands of years ago the originators of the symbolism and ritual of our Craft embedded within it the secrets of both aspects: our own Original State, and the energy that makes up the originating state of geometry. Hidden, so that this energy would not be re-discovered and employed again until such time as humanity was Awakened and could employ it wisely. In fact, hidden in such a way that only a self aware person can see it.

Masonry draws our attention most significantly to Geometry, and I suspect, if we look at geometry with Masonic eyes, we'll be on an interesting path, and I'm absolutely convinced that the real secrets of Masonry tie all these things together: King Solomon's Temple, the Monad, and paramountly, Geometry.

Geometry interpenetrates the observable. The sound we hear, the light we see and all things of creation are comprised of geometry. It interpenetrates everything. It is a reflection of what creates the observable space.

All that can be observed exists all at one time, in one glorious explosion of Being, without differentiation. The egoic mind creates separation. This mind can't conceive of Geometry as it really is, with all shapes interpenetrating each other all at once; they only individualize by coming into being through differentiation.

Geometry not only interpenetrates all that is observable, it also demonstrates that it is of an interpenetrating nature with itself. There are geometric forms like Metatron's cube, the Tree of Life, and the Flower of Life, embedded within them relationships of mathematics and geometric forms that are fascinating in their complexity and in how the mathematics and forms interpenetrate one another. The resulting forms are seen reflected in nature, but curiously, also in ancient megalithic stone structures.



The Flower of Life contains within it all the Platonic solids as well as advanced geometric forms like the fourth dimensional Metatron's Cube.

If one studies Masonry there are to be found mysteries embedded in humanity's core of being that impress one with the exultation of the Supreme Being's continual presence. There is nothing that exists but that single thing which eternally is. But we must use language to a frustrating degree to demonstrate the wonder and power that lies behind language, behind mathematics, behind geometry, that we may recognize who we really are and what the world that appears around us really is.

According to Sanford Holst in his book "Phoenician Secrets: Exploring the Ancient Mediterranean", King Solomon, King of Tyre, and Hiram Abiff came together to build Solomon's Temple in 966 BC. King Hiram and Hiram Abiff were Phoenicians from the city of Tyre. The significance of this is that the wonderfully complex and richly textured Phoenician society turns out to have a number of similarities to Freemasonry.

The Phoenicians gave the world the first phonetic alphabet, now known as Hebrew. This original phonetic Hebraic alphabet has fascinating qualities unlike any other alphabet in the world. Stan Tenen of the Meru Institute discovered that the characters of the Hebrew alphabet are developed from the letter Yod. Yod means 'hand', and if one were to craft a 3d sculpture of the letter Yod and hold it in the hand, viewing the character from different angles creates the shape of each of the letters in the Hebrew alphabet.

Hebrew is also a mathematical language. For example, the Hebrew word for father, *ab*, has a numerical value of $1 (a) + 2 (b) = 3$. The Hebrew word for mother, *am*, has a numerical value of $1(a) + 40 (m) = 41$. Add mother and father = 44. The Hebrew word for child is *yeled*. The Hebrew letters that spell the word have numerical values of 10, 30, and 4. Added together = 44. Mother + father = child. Another example is the Hebrew word for the garden of Eden, *eden*, has a numerical value of 144. The word for the Tree of Knowledge is 233. $233 \text{ divided by } 144 = \text{Phi}$, the Golden Ratio.

The Phoenicians had a high level of technological capability to be able to design a language and an alphabet that demonstrates this interpenetration of hand positions, math, and meaning.

The Phoenicians were sea farers. They traveled a three year round trip journey to mine the gold for King Solomon's temple, which some researchers believe they mined in South America, meaning they had advanced celestial navigation capability. They appear to have been knowledgeable about frequency and vibration and very likely employed this knowledge with a technology that allowed the construction of massive stone structures. They knew about advanced mathematical expressions like the Golden Proportion and the Flower of Life and they appear to have known about advanced vortex mathematics that researchers today are only now beginning to discover.

If Freemasonry finds its roots in the culture of the Phoenicians (I argue the Phoenicians sprang from an even more ancient and more advanced culture that both Masonry and the Phoenicians originated from) then the Hiramic legend and the elements of Freemasonry that survive to the modern era absolutely do point us in the directions that I surmise.

Not only does Hebrew appear to be integrated with meaningful hand positions, and interpenetrated with math such that the numerical value of words is reflected in related words, but there is much more. Something even more phenomenal, more fascinating, and more Masonic. Hebrew is also interpenetrated with geometry, but to understand how that can be, we need to take a path down music theory.

Modern concert pitch is based on the A above middle C = 440. The rest of the notes are tuned around this frequency in equal divisions, however nothing in nature reflects 440 as being harmonious or interesting. 432 Hertz was the frequency used by the ancients, and by many cultures around the world. In India this frequency is called Sadjā (“Father of Others”), and the Sitar and Tambura are tuned accordingly. In Sufism it is said that one who understands the 432 frequency will understand the secrets of the universe.

The original Stradivarius violin was designed to be tuned to 432 Hertz. Ancient Egyptian instruments are tuned to vibrate at a musical scale tuned around 432 Hertz. 432 Hertz touches the full 12 octave overtones but 440 Hertz only touches 8 octave overtones.

The diameter of the moon is 2160 miles which is 432×5 . The diameter of the sun is 864,000 miles which is 432×2000 . The precession of the equinoxes takes 25,920 years which is 432×60 . $\frac{1}{2}$ of a day is 720 minutes which is 432,000 seconds. The harmonic 6th of 432 is 720 Hertz.

There are 432 Buddhas at the Borobudur pyramid on Mt. Meru and 72 Buddhas under the stuppas on the terraces. According to Jamie Buturff, this reveals the underlying frequency of the universe. This is literally the pulse of life.

Our ancient brother Pythagoras said that man is two octaves below God. If 666 is actually $6 \times 6 \times 6$, that equals 216 which is $\frac{1}{2}$ the 432, or 1 octave below the 432. So if man is the 216 and enlightened consciousness is the 432 (demonstrated by the 432 Buddha statues), then one octave above would be the octave of God, 864.

In 1987 Vernon Jenkins, former Senior Lecturer of the Department of Mathematics and Computer Science, University of Glamorgan, Wales, developed a system to reveal patterns in the original Hebrew text of Genesis using the Arabic numeral system. He then used these numbers to reveal a hidden geometry in the text. Now hang with me if you can, the results he achieved are amazing.

Make a triangle that consists of sides totaling 216 units ($\frac{1}{2}$ of 432). Imagine 216 little squares arranged to form the sides of a triangle. Now remembering that the first verses of Genesis figure prominently in Masonic tradition, what Vernon Jenkins did was take the first seven words of Genesis: “In the beginning God created the Heaven and the Earth”. The numerical value of the words is 2701. Our 216 unit outlined triangle can be filled with 2701 units of the same size that were used to make the outline. The next words are: “and the Earth” which has a numerical value of 703. This forms an upside down triangle within our triangle and the three remaining triangles on the outside each have an area of 666 units.

The next group is words 4-8: “of the Heaven and the Earth. And the Earth...” which has a numerical value of 1801. An 1801 unit hexagon inscribed in our first triangle has sides of 25 units, the perimeter has 144 units, and there are 49 rows.

Next is: “was without form and void and darkness was upon the face of the deep”. The numerical value of this is 1875 or 625×3 which gives us three 625 Rhombus insets.

Next is: “and the spirit of God moved upon the face of the waters”. The numerical value is 1369 or 37×37 which gives us a 1369 unit rhombus inset, still within the 216 unit outlined triangle.

There is much more, but this has been enough to make the point. Jamie Burtoff says that this hints at a level of interrelatedness of everything in our reality. Geometry interpenetrates everything observable.

Similarly, communication interpenetrates speech. Let me tell you about reverse speech. You probably remember a long time ago some stories of some rock music with stuff said in reverse. I remember turning some records back by hand myself with varying results. That’s not what I’m talking about. A researcher in Australia, David John Oates, found out that when people are speaking normal and have a little hiccup in their speech, a little trip of the tongue, that sometimes things are being said backwards. Recording people speaking and playing it back in reverse things can be heard that are congruent with, and speak to the truth of, that which is being said forward. One famous example is when Neil Armstrong first stepped foot on the moon. He intended to say: “This is one small step for *a* man, one giant leap for mankind.” Instead he said, “This is one small step for *man*, one giant leap for mankind”. Later he admitted he meant to say “a man”. But by making that mistake in forwards speech he was saying something in reverse. Played backwards he quite clearly says, it’s not muddled or difficult to hear at all, it’s clear as day: “man will spacewalk”.

Spoken communication goes out in a music-like undulation of sound which speaks to a subject both forwards and backwards, which musical tone and rhythm is interpreted only through the forward direction by the hearer. We don’t hear the truthful and meaningful communication going on in reverse, but it’s there sure enough.

Similarly, events interpenetrate text. Michael Drosnin wrote a software program to finally find, after many centuries of famous people trying, a code in the original Hebrew bible. The original bible says at it’s beginning not to change one letter of it ever, and originally all the words of the book were ran together without spaces. It looked like code to centuries of researchers. Rather than a code, what Drosnin found were messages read diagonally, backwards, horizontal and vertical, several words or more crossing each other, which speak to things that have happened in history. The collapse of the Twin Towers for example, clear as day, read in crossing words with meaningful aspects of the event. Often these crossing words have suggestive meaning with what’s being said in the normally read text as well.

Here’s the point though. Researchers find the same kind of messages about events that have happened by this method in Moby Dick. And War and Peace. Probably *any* book of significant length will have enough text to generate meaningfully encoded words about historical events.

What we learn from this is that when we read, (and language is used to describe the world), we see only one direction of the information and therefor don’t realize that the world is actually embedded in those words. Nothing can speak of something that it is not.

Geometry is a lower level if you will, an expression into the visible space, of a mathematics. There is a hidden code that reveals the greatest truth of all and it is encoded into the construction of our universe. It is the number generated from 3×3 , the magical Masonic number 9. The intelligent design of our universe is geometrical and congruent, forming shapes and images with the number 9. Atoms, galaxies; even our DNA are surrounded by geometrical shapes and patterns with the number 9 hidden inside.

One part of the magic is called ‘casting out nines’. You can remove any nines or any combination of numbers that add up to nine while you are summing up your numbers. For example, the number 3954 $3+9+5+4=21=3$. If you drop out the 9 and the 5+4, you get 3 directly. In other words, the number 9 and any numbers that add up to nine, disappear. You can treat them as zeros. The number nine appears to be both existent and non-existent. Using the digital root method you cannot distinguish between a nine and a zero.

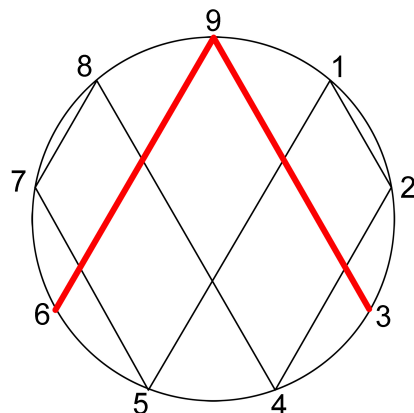
The sum of all digits excluding 9 (1-8) is $36=9$. Nine plus any digit returns the same digit: $9+5=14=5$. $9+3=12=3$. So nine quite literally represents all the digits and nothing at the same time.

The number nine reveals both a singularity and a vacuum. In other words, the number 9 models ‘every’thing and ‘no’thing simultaneously.

Vortex based mathematics reveals a higher dimensional symmetry that reflects the perfection of the Supreme Being. What I mean by Supreme Being is of course that undifferentiated ‘isness’ of the constant creation of awareness that we experience manifested in form, and veiled by thought. It is perfection, but here again language fails because there is no ‘it’ to be perfect. Mathematics is a penetration into observability of the underlying perfection of numbers.

New mathematics are constantly being generated as humans struggle to describe the observable world, naming it as it’s discovered. Vortex Math is unique of other mathematical systems in that all the functions of math occur all at once without doing anything to it at all, exactly like the Flower of Life displays a complete set of geometries without doing anything to it at all. Existing all at once, with only the differentiation of the egoic mind creating one variant from the mass of structure. Similarly Vortex Math performs all the functions of math all at once.

Vortex Mathematics was discovered by Marco Rodin who is of the Baha’i faith. Baha’I teaches that there is only one God which is unknowable and the name unsayable. That name is spelled ABHA. Marco Rodin thought that perhaps ABHA was a numerical code much like Hebrew is. Performing the operation of assigning numerical value to the letters in the original Persian lead him to the discovery of the ‘Symbol of Enlightenment’ by which the Vortex Math system is based.



Some detractors of this system accuse Marco Rodin of 'numerical pareidolia'. Pareidolia means seeing patterns in randomness. If that is true, then Chaos Theory is just a bunch of crackpottery, so I dunno. Whether you should think what I'm about to show you is just a trick of numbers or it really means anything, the take away from this is it is absolutely amazing that there should be such an elemental thing like this Vortex Math system that has gone undiscovered for so long. Just like the detractors of a helio-centric solar system who insisted the earth was at the center, the detractors of this system refuse to do any research with it, while those that are doing research with it are developing new technologies in electro-magnetics as a result.

So let's explore this Vortex Math for a few minutes. It's quite simple to understand. Firstly let me explain that 'regular' math, like you learned in school, has the function stay in place and the numbers move around. In Vortex math the numbers stay put, and the function moves. And, in Vortex math, everything is linear. One final thing you need to know is in Vortex Math we find the 'digital root' of numbers. This is done in computer science because finding the digital root of a number reveals underlying hidden patterns. By finding the digital root in Vortex Math, we will be revealing a hidden pattern. As with gematria done with Hebrew, to find the digital root of a number one adds all the digits of a number until only one digit remains.

As an aside I want to mention that this whole Gematria thing, and the 'finding the digital root' thing, is not numerology. Numerology plays the same game as Gematria and digital roots (assigning numbers to letters and reducing those numbers to a single digit), but then assigns personal attributes. For example, if your name adds up to the number 7, you are "spiritual, intelligent, studious, focused....". Rather, Gematria and mathematics reveal interpenetrating messaging, like reverse speech.

Vortex math starts with the unit circle and the only single digit numbers known to man, 1 through 9, arranged around the periphery. Now if it is true that all the functions of math occur within this all at once, let's explore a basic function, doubling. So refer to the picture above and let's start with the number 1. 1 doubled is 2, so we'll draw a line from 1 to 2. 2 doubled is 4, so we'll draw a line to 4. 4 doubles is 8, and 8 doubled is 16, but since we're finding the digital root, $1 + 6 = 7$, so we'll draw a line from the 8 to the 7. 16 doubled is 32 and $3 + 2 = 5$, so we'll draw a line to the 5, and 32 doubled is 64 and $6 + 4 = 10$ and $1 + 0 = 1$.

Let's keep going with doubling on the diagram. 64 doubled is 128. $1+2+8=11$ and $1+1=2$, so we're back to the 2. 128 doubled is 256. $2+5+6=13$ and $1+3=4$, so we're back to the 4. In fact, this pattern continues infinitely.

Let's look at halving. 1 halved is .5, so follow the line from 1 to 5. Half of .5 is .25 and $2+5=7$, so follow the line to 7. Half of .25 is .125, which adds up to 8. Half of .125 is .0625 which is 13 which is 4. Half of .0625 is .03125 which is 11 which is 2, and half of .03125 is .015625 which is 19 which is 10 which is 1. Halving continues infinitely following this pattern.

So we've drawn a line that has gone from 1 to 2 to 4 to 8 to 7 to 5 to 1. The 3, 6 and 9 are left out of this. Nikola Tesla famously said "If you only knew the magnificence of the 3, 6 and 9, then you would have a key to the universe." So take the 3 and double it, which is 6, so move your finger over to the six. 6 doubled is 12 which is 3, so move your finger back to the 3. 12 doubled is 24 which is 6. 24 doubled is 48 which is 12 which is 3. This back and forth repeating pattern of 3 and 6 continues infinitely.

The 9 is at the top as the control. 9 doubled is 18 which is 9. 18 doubled is 36 which is 9. 36 doubled is 72 which is 9. This pattern continues infinitely. I'll let you try halving the 9 for yourself.

Let's look at multiplication. We'll multiply each of our single digit numbers by each of the single digit

numbers. So let's start with 1. We'll multiply 1 by each of the numbers 1-9: $1 \times 1 = 1$, $1 \times 2 = 2$, $1 \times 3 = 3$, etc. How 'bout 8? $8 \times 1 = 8$, $8 \times 2 = 16$ which is 7. $8 \times 3 = 24$ which is 6, etc. Here are all the multiplications worked out:

9

8×9 8×8 8×7 8×6 8×5 8×4 8×3 8×2 8×1
9 1 2 3 4 5 6 7 8

1×1 1×2 1×3 1×4 1×5 1×6 1×7 1×8 1×9
1 2 3 4 5 6 7 8 9

7×9 7×8 7×7 7×6 7×5 7×4 7×3 7×2 7×1
9 2 4 6 8 1 3 5 7

2×1 2×2 2×3 2×4 2×5 2×6 2×7 2×8 2×9
2 4 6 8 1 3 5 7 9

6×9 6×8 6×7 6×6 6×5 6×4 6×3 6×2 6×1
9 3 6 9 3 6 9 3 6

3×1 3×2 3×3 3×4 3×5 3×6 3×7 3×8 3×9
3 6 9 3 6 9 3 6 9

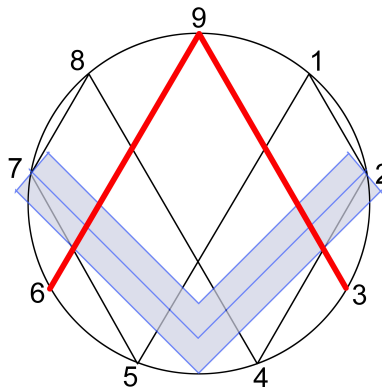
5×9 5×8 5×7 5×6 5×5 5×4 5×3 5×2 5×1
9 4 8 3 7 2 6 1 5

4×1 4×2 4×3 4×4 4×5 4×6 4×7 4×8 4×9
4 8 3 7 2 6 1 5 9

Notice the pattern. Excluding the 9, each row of numbers is a mirror image of the row on the other side. And, if you take any number from a position on one side and add it to the number in the same position on the other side it equals 9, for every single pair of numbers.

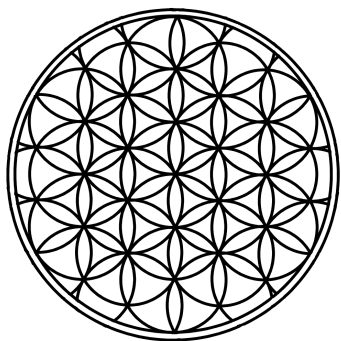
It becomes too difficult in text, and space is limited, to go further with explaining how the various other functions of math are demonstrated in this figure, but the point to understand here is that like the Flower of Life has within it all the Platonic solids, all occurring at once but only revealed individually one at a time through differentiation, so are all the functions of math occurring all at once, each revealed individually through differentiation.

Whether Vortex math is in fact 'numerical pareidolia' or not, a technology is being born from it. The 1, 2, 4, 8, 7, 5 is the oscillating circuit of electricity. The 3 and 6 are the two interpenetrating toruses of magnetism, and at the top is the magical, mystical, Masonic, controlling number 9.



Could the Square and Compass be a reminder of something we forgot?

A quick glance at the Flower of Life reveals more. It starts with a central circle. Draw another circle with its center on the edge of the first (its edge will pass through the center of the first circle). Continue to draw circles along the periphery of the first overlapping each other on their centers so you end up with six circles on the edge of the center circle. At the tangent of each of these circles draw six more circles. Where those circles touch each other, draw six more. Then do it again on the next row out.



The result is a 2d representation of a series of interpenetrating spheres which is difficult to demonstrate in a flat drawing, but imagine if you will that they are spheres. Taking the initial rotation of 7 spheres, if you number each sphere and look at the group from a particular view point of one sphere facing you, the numbers of the other sphere's that face you, added together and reduced will equal the value of the sphere facing you. To say it differently, every vector is the sum of it's three nearest neighbors.

If we draw a straight line through the center of the group from one sphere to the sphere on the opposite side, the numbers assigned to the two will add to 9.

There are two tetrahedrons formed by the spheres, one right-side up, and the other upside down. They penetrate each other forming an object called a Merkaba. The points of the two tetrahedrons when placed in a sphere contact the sphere at + and - 19.47 degrees latitude (reduces to 3). The eight vertices of the tetrahedrons add to 36 ($3 + 6 = 9$). 19.5 degrees is where the Great Red Spot on Jupiter is, where the Giza plateau sits, where hurricanes form, Cydonia on Mars, etc., and are what form the basis of Hyperdimensional Physics, popularized by science journalist Richard Hoagland.

Numbers are harmonic and have resonance. Numbers are sound. Pythagorean modal music (major/minor or church modes) came from this original Golden Ratio music scale. Antonio Vivaldi started polyphonic music based on this scale. Handel popularized it and Bach refined it. Originally the Pythagorean tuning of the note of middle C was 256 hertz and was called "A-432" which adds up to 9 and is congruent with the Fibonacci pattern but was later changed to A-440 for unknown reasons, but which I suggest was part of the continual promulgation of ignorance in humans by whatever force it is in the world that does not want us to look to closely at how things really are.

The Solar System abounds with curious math. The earth has a small wobble every year of 27 feet (=9) and due to gyroscopic precession describes a big wobble of 25,920 years (=9), broken up into 2160 year per constellation (the zodiac) which =9. This zodiacal movement of the 'Great Year' = 1 degree every 72 years (=9). Believe me, this is only a start of the fascinating numerical relationships of the bodies of the solar system...and the Periodic Table. And much more. I argue *everything* exists as a function of this higher level geometry and thus demonstrates mathematical symmetry in appearance and behavior.

Geometry interpenetrates everything that exists, it indeed may cause all that exists to spring into being.

Geometry is the language of the Supreme Being. Observable geometry is a reflection of, no, rather an interpenetration into the observable space of an underlying energy that is even the creation of observation itself. This energy interpenetrates the observable space and displays itself in the observable space with mathematics. Randy Powell, famous for his work with Vortex Mathematics says: "Numbers are not modeling geometry, arithmetic is not explaining geometry, it IS geometry."

Perhaps the ancient stone builders thought the power stored in crude oil and natural gas and uranium to be tiny and dirty compared to the energy *they* knew how to access. Perhaps their environment was balanced by utilizing a more basic, more powerful energy source that unlike oil and the nuclear forces that create heat through destruction but instead used the cool energy of the creative force.

In the same way our ego makes the things we observe more complicated than they really are by creating divisions rather than seeing things in their wholeness aspect, we see that there is energy stored in coal, oil, and radioactive minerals, and we release the stored energy as heat, which we then convert by basically boiling water to make steam to turn turbines or explode it to drive a piston. Because we only look at energy from its single sided state we make it more complicated than it is.

There is evidence of three primary methods used around the world in the creation of ancient megalithic stone structures. One is the levitation of massive blocks of stone. Freemason Ed Leedskalnin built massive multi-ton stone sculptures by some secret method clearly involving electricity and magnetism and resulting in levitation (as reportedly witnessed). He said he “knew how the pyramids were built; it’s easy, anyone can do it”. His technique involved the basic manipulation of electricity and magnetism; he clearly did not employ any advanced technological machinery or large power sources. He didn’t even have running water.

Another method of construction used in some ancient stone constructions that is well documented and easy to see with completely untrained eyes is the melting and pouring of stone into molds, one block poured in place over the previous. Sometimes interlocking in the most amazing ways but easily done by virtue of heating stone to the point it is like lava, very viscous thick but pourable. We can’t do this today of course, but I suggest that accessing the energy source and the method of directing it to melt stone in this fashion had to have been super easy for those stone masons or they would not have done it, and clearly they did not leave behind any evidence of complex advanced machinery or power plants that created this power. However they did it, the energy source they tapped was elemental and easy.

A recent archeological dig of enigmatic proportions that may be the most ancient example of an advanced technology is Gobekli Tepi in Turkey. Massive strange T shaped blocks of stone have small figures of animals carved in them. On any given massive stone there might be one small animal figure carved near the bottom. The mystery is the carving is done in *relief!* As if all the stone in the massive block was removed to leave the small animal figure raised above the surface. No researcher is suggesting this at this time, but it is apparent to me that if molds were carved and the stone melted and poured in the mold it would result in what we see. Nobody dares suggest such a thing because *we* can’t melt and pour stone like this today, and certainly not *easily* like I’m sure these ancient artists did.

I postulate that the primary energy source that was used for the construction of ancient stone structures involved an energy that is basic and easy to access. In fact I would go further and suggest that these structures incorporate a geometry that reflects the energy source used, and were arranged on a world grid in order to facilitate the use of this energy source, and that if we look with an open mind at the geometry, we may find a clue to the technology.

The concept that the universe is made of matter started with Aristotle and created a world view typified of the grasping for material things and created a dichotomy of fear and desire. The error is in not recognizing that the substance of the universe is actually made of consciousness, and that behavior is what is important. Physics has shown what philosophers have told us for millennia, that space and time are illusions of our five senses of

perception and not what is real. In essence, a quark is made up of two things that vibrate and give the illusion of matter. The ancient stone builders knew that everything in existence is energy and that matter only appears to be a separate independently existing thing.

I conjecture that electricity, magnetism and gravity are three divisions of one thing, just like the seer who sees the seen thing is a division the ego creates of observation. The enlightened state is one of experiencing the originating state of observation. It is one for which there isn't something to compare it to. A word for this is incommensurable. One can't easily understand that which is incommensurable, because there is nothing to compare it to, nothing within your understanding that can be associated with it. Completely different.

How electricity, magnetism, and gravity function is incommensurable. In the past, people have observed an aspect of one or the other and assigned it value based on it's appearance and a comparison to the kind of observation we understand.

Reification refers to making something real, bringing something into being, or making something concrete. It is a fallacy of ambiguity, when an abstraction (abstract belief or hypothetical construct) is treated as if it were a concrete, real event, or physical entity. Sometimes also called the fallacy of reification, or the fallacy of concreteness.

Einstein made the error of reification in 1905 when he identified the electron and the photon. He observed a posterior attribute of electrified dielectricity and made it be a 'thing'. Our understanding of electricity, magnetism, and gravity is mistaken because we are misinterpreting our observations because the phenomenon is one that is incommensurable. So we speak of 'electrons' 'flowing' down the conductor. The math is correct, but we make the reification error of misidentifying what's really happening.

With this in mind, consider the opening lines of one of James Clerk Maxwell's poems:

My soul is an entangled knot,
Upon a liquid vortex wrought...

Maxwell is famous for developing the math by which electricity and magnetism is modeled, but later, two mathematicians, Heaviside and Gibbs (but primarily Heaviside) who did not understand the associated gravity aspect of the math reduced Maxwell's original, extraordinary mathematics to the simple electrical math we use today. Thomas Bearden says: "Maxwell's original theory is in fact the true, so-called 'Holy Grail' of physics... the first successful unified field theory in the history of science. In discarding the scalar component of the quaternion, Heaviside and Gibbs unwittingly discarded the unified electromagnetic/gravitational portion of Maxwell's theory. The simple vector equations produced by Heaviside and Gibbs captured only that subset of Maxwell's theory where EM [electro-magnetism] and gravitation are mutually exclusive. In that subset, electromagnetic circuits and equipment will not ever, and cannot ever, produce gravitational or inertial effects in materials and equipment."

Everything in existence is the result of a frequency. Ancient carvings of geometric patterns symbolize how energy flows and manifests itself. The energy that manifests obeys precise universal laws. Nothing can be said which does not originate from the source it speaks from the reference of. Energy exists in all space as all potential and kinetic energy bound in a balanced but extremely powerful, and this is important: geometric, bond. We walk amidst this energetic field but because it's in perfect tension we see it as nothing. Understanding it will beget technologies which we will recognize as ancient.

I believe we had this understanding and those technologies in our distant past but for some reason we were caused to lose the knowledge, perhaps in the same way, and at the same time, that we were caused to forget how to See. Consciousness becomes self aware through the act of first differentiating and then realizing the self-referential, unified, awakened state.

Masonry seems to have remembered both elements of the technology and the Self realized state. Contemplating all this turned my typing to prose:

Geometry stands
Angles measured
A reflection of what Is

A pattern revealed
In circles of flowers
Energy Intertwined

Quiescent, explosive
perfect tension
A harmony of Stillness

Everything does indeed seem to be occurring all at once. We've seen mathematics demonstrate it. We've learned of the interpenetration of written language with congruent messages being revealed through different directions. We've seen how congruent messaging occurs in spoken speech both forwards and in reverse. We've even seen how experiencing an energetic moment can be experienced through a filter; if a thing is seen as irritating irritated is how the energy feels. If you see that same thing that makes the energy occur as a different person who sees it as a beautiful thing, the labeling of that same energy is different. And think on Geometry. Geometry seems to interpenetrate all that is observed. If the Supreme Being is all that exists, then Geometry must be the first expression of His Awareness in the physical world.

Masonry gives us life lessons on two levels. The outer teaching is that of philanthropy, of caring for family and brothers, of being moderate and avoiding excess, of behaving on the level, of controlling our passions. There is a hidden teaching though that goes further. Many can not see this inner, secret knowledge, the esoteric, because their level of awareness is still too ego-centric. I don't mean to imply anything negative by the term; ego-centric merely means being at a level of observation that involves belief that the ego-self is who you are. By adhering closely to the Masonic outer lessons and the resulting struggle for control of the mind, of the ego, as it endeavors to deviate from the Masonic path, one begins to realize there is an 'over-mind', an observer. By continually trying to stand in the middle in all we do, we learn to recognize that every time we feel anger, or irritation, frustration or jealousy, it is a signpost, a warning, that there is an aspect of ourselves that we are repressing. It is the adult within that can become strong enough to look at those repressed aspects of ourselves with compassion and no longer be moved (by 'moved' I mean to take the ego-action of repressing it, of not taking ownership of it, and instead expressing it through our behaviors). "Ha ha, there it goes again, my silly ego trying to get me to believe I'm mad at this thing instead of recognizing that thing within myself".

When this aware-of-ego level of awareness is reached, the elemental lessons of Masonry become easy. Then the esoteric messages of Masonry become apparent. However, until at least a modest level of awareness of the ego has been attained, we can read about the esoteric until it's coming out our ears and it will still make no sense.

It is this subject that I most want to discuss; it is all I ever really speak about to any captive audience. However our discussions have veered down surprising paths and we must finish the course we're on. Just don't forget the lesson of standing in the middle and being unmoved. What you are about to hear will test your belief systems; you've been taught and fully believe the world works one way when in fact that teaching could be wrong.

All that we see is of an interpenetrating nature, and there is an interpenetration of the world with our observation of it. It suggests that observation must be interpenetrated with all those other things that are also interpenetrating. Contemplating this leads to an amazing inner discovery, but we must proceed on our path.

Curiously, our look at Vortex Mathematics has lead us to a vortex based natural energy, that of magnetism. And while this may seem to be going a bit far afield from Masonry, if the modern era (from 1717) of Freemasonry is built on the concept of speculating on what the real, ancient stonemasons knew, certainly our attention is directed to the massive mysterious stone constructions located around the world on a grid pattern. How they were built and placed around the world with extreme geometric accuracy probably entailed a lost technology. Further, a reasonable supposition would be that this lost technology must have employed elemental earth energies, and was probably easy to implement, for we must presume the ancients did not have particle accelerators or large industrial complexes by which they learned to manipulate these energies or create the machinery to do so.

Further, the most impressive advances in our understanding of the natural world have not occurred with the use of billion dollar particle accelerators. Newton had only his mind and pen and paper. Tesla had dreams that showed him the inner energetic workings of electricity. And today we have researchers like Kenneth Wheeler who uses a chalkboard and simple magnets to uncover the most basic functions of the universe. Certainly we could presume that our ancient stonemason brethren might have come to understandings of the natural world that most likely surpass our own, through the similar process of observation and contemplation. They most likely did not need computers or laboratories, but rather just the power of observation unclouded by the differentiation of the ego.

Many things we are taught in school come to be taught because a smart person came up with an idea, and other smart people thought it sounded good and validated it, and then it's taught in school that that's the way it is, but it may not be. Take magnetism for example. We are taught in school that a magnet is a bar of iron with a north and south pole. If we break the magnet in half we have two smaller magnets, each with a north and south pole. If we keep breaking it half we end up with molecule sized magnets with north and south poles. We are taught that to make a magnet, we align all the molecules' north and south poles in a bar of iron. We're taught magnetism is a sucking force. A magnet is attracted to iron containing materials and they suck together. We are shown a magnet under a sheet of paper with iron fillings sprinkled over the top to reveal 'magnetic lines of force' which we are taught move in curved lines from one pole to the other.

All that you have been taught (except for that which you have learned from this column), is based on positionality, and not what is real. Turns out magnetism is not at all, and behaves not at all as you were taught in school. This most elemental of natural energies is almost completely not understood, and I don't mean by the general public, I mean as in not at all by anyone. It exists as mysterious a force as gravity...and maybe they're related. We have models, but there is huge mystery. But more mysterious yet is that Masonry seems to have encoded in it remnants of an ancient understanding of these things.

Our famous brother in Masonry, Ed Leedskalnin, who built Coral Castle, wrote a pamphlet sized book about

magnetism. He said that magnetism is made up of energy that he called 'magnets'. Ken Wheeler employs a new invention, the Ferrocell, to show this whirling energy. Every school should throw away their iron filings and get a Ferrocell. Howard Johnson, the founder of 'Spintronics' used a gauss meter on a CNC machine to map the fields around magnets.

Magnetism is spatial, i.e., it expands and creates space. Magnetism is discharge; radiation. Faraday called it the 'dielectric field'. It is the discharge state of dielectricity. Magnetism is always opposite dielectricity. What you think of as magnetic attraction is not, it is dielectric voidance (trying to make no-space). Magnetic repulsion is not, it is dielectric counter-voidance, (trying to make space). Dielectricity pervades all space and is now understood to be what prior to Einstein was called the 'ether' (or in old English, 'Aether'). It is the source of light and radio energy, mass and gravity, magnetism and electricity.

Up until Einstein published his first paper on Special Relativity in 1905 (and an earlier paper the same year in which he dreamed up the mistaken concept of 'photons') there was a great deal of research, at least a hundred years, towards developing a model of energy based on Fields and Ether. Once Einstein published, no scientific journal would accept an article about ether, for Einstein had proven with his Quantum model that the ether was a mistake. Hence the Cult of Quantum was born. Feynman was famously asked on camera to explain what a 'field' is. He answered that it was too complicated for the average person to understand. The interviewer persisted though, and while Feynman squirmed in his chair looking very uncomfortable, he finally admitted that Quantum Mechanics can not explain what a field is. It can describe it with complex mathematics, it can certainly measure it, that's not hard, but because the Relativistic and Quantum model does not allow for the Ether, fields can not be *explained*.

Magnetism is the centripetal energetic radiation of dielectricity. A magnet is not a 'magnet'. It does not actually have attraction and repulsion. Those are just terms based on positionality the ego makes of it's observation and attaches meaning to it that is commensurate with prior observations of things it knows, and no other meaning is allowed to enter, but here's how it really works: Magnetism consists of a rotating whirlwind of dielectricity that has been made coherent through electrification. There is no 'North' pole or 'south' pole as we've been taught, rather we're observing the rotating spiral of energy either from the top or the bottom whereby it appears to be circling one way or the other and we give it two names, but it's really just a different viewpoint of the same rotating energy. Corkscrew your finger in the air going clockwise. Keep circling your finger as you move your arm so you can view the tip end of your finger rather than from the wrist end. See what I mean? One rotation, two views: clockwise from behind, counterclockwise from the top. That's what a 'pole' of a magnet is.

This whirlwind of energy comes out of the outer edge of one end of the magnet in a cone shape, and the cone (hyperbola) cascades around the magnet to the other end and accelerates into the center of the that other end. The first side, the accelerating, expanding out the edge side, is a centrifugal motion, and as it accelerates into the center of the other end it is centripetal. There are two of these vortexes of energy; one from each end. In the middle, in the area of no magnetism that you can measure with a needle, is an 'accretion disk' or more properly the 'dielectric inertial plane' and is the 'magnetic line of force' that we see with magnet viewing film, which is actually acceleration viewing film.

Opposite 'poles' come together because if you imagine the spiral of energy coming off one magnet it has to fit in with the same direction of movement with the next magnet; if it's coming off the top of one it can only connect to the bottom of the next. Magnetism is not a sucking force, it is a pushing force, the vortexes at the end of each magnet carrying the iron containing materials together.

There are many simple ways to demonstrate that this rotating field exists. One is to put a ring magnet on a table. Stick a dowel in it. Slide another magnet over the rod with like poles facing so it's suspended in the air over the bottom magnet. It will be cocked over at an angle demonstrating the gyroscopic precession angle of the rotating field. Another way is to take a magnet and put it on a flat piece of plastic inside an upside down bowl. Put a disk magnet on the outside of the bowl. When the outside magnet is directly flat to the magnet underneath and you move the bottom magnet around, the top one will follow as you would expect, but as you move the bottom magnet such that the top magnet is on a sloping side of the bowl and no longer parallel with the bottom magnet, it will rotate, quite quickly, clearly showing the spin of this whirlwind of energy. (What it's really showing is precession due to the spin).

Dielectricity flows everywhere and through everything. It creates mass, matter, and gravity. It is the source of all energy. It creates space. It passes through all objects with little, or no, affect, but it does not pass through iron objects well at all. It gets caught up in iron. Iron is a perfect dielectric element. Dielectricity can be trained to operate in a coherent fashion within iron thus becoming a 'magnet'. It also does not pass well through aluminum and copper, and their resistance to dielectricity creates a magnetic field around the wire. Where dielectricity and magnetism cross is electricity. So you see what has traditionally been called an 'insulator' is not, it's actually a perfect conductor of magnetic energy, and that which is considered perfect conductors, like iron, copper, and aluminum, are not, they are rather perfect obstructors, to the magnetic energy that is.

The two entering spirals in the middle of the magnet ends are centripetal; convergent and counter-spatial. They meet in the middle of the iron containing material. The expanding out the edge cone shape of the energy is centrifugal, divergent, and spatial. In the middle and perpendicular is an accretion disk, or the 'dielectric inertial plane'. It is the point of no magnetism along the side of a magnet. Magnetic viewing film (actually 'acceleration viewing film') shows a ring of energy on the end of a magnet that is accelerating away from the edge of the magnet, and a dot of energy in the center which is the accelerating returning centripetal energy. It also shows a line at the dielectric inertial plane along the side of the magnet, where there is no magnetism. What's going on is some of the convergent energy from the edge of the top isn't making it all the way around to the center of the other side. Some of it is curving into the middle at the dielectric inertial plane and as it accelerates in it activates the viewing film.

Let's look at so-called electrons. Consider an old fashioned radio tube consisting of two metal plates inside a vacuum tube. Since electricity can't flow between the plates (they're not touching), a dielectric field is created. High voltage electricity is applied to the plates. Dielectricity is counter spatial; it tries to make no space, in other words the two plates try to come together and short out. The pressure of the dielectricity builds and builds, with great tension between the two plates. But the plates can not move, so finally the dielectric field begins to break like rubber bands. When these rubber bands of dielectricity snap, they hit the opposite plate and we call that an 'electron'. In reality when we look at electrons we are looking at the end of dielectricity like looking at the end of broken spaghetti noodles. Einstein made the mistake of attribute fallacy reification by thinking electrons and photons to be discrete objects instead of what it is, an attribute of an incommensurable energy.

When we make electricity at a dam we spin a giant dynamo that creates a big magnetic field. It winds the magnetic field tighter and tighter and many feet in diameter. It then sends that magnetic field down the transmission line, the field in one wire wound up in one direction, the field in the other wire wound up in the other direction. In addition to these two whirling magnetic fields meeting in between the two wires, there is a

dielectric tension between the two wires. High over head (even on your street at the top of the poles), where the two tightly wound large diameter magnetic fields cross the dielectric tension, there in between the wires, is where the electricity is. It is rushing along invisibly in empty space with the power of a locomotive and moving at 95% the speed of light. It is a way of transferring the rotational energy of the dynamo down an invisible spinning driveshaft. Fascinating, huh?

Ed Leedskalnin, our Masonic brother who built the enigmatic 'Coral Castle' published a device in his book he called a 'Perpetual Motion Holder' or PMH. As you all know, to make an electromagnet we wrap a coil of wire around a bar of steel and apply electricity to the coil. While energized, the bar of steel becomes a magnet. When the electricity is turned off, the magnet goes away. It takes a great deal of electricity because it is basically a dead short. What Ed did with his PMH is bend the bar of steel into a U shape. He took another bar of steel and placed it across the top of the U, completing a circuit if you will. The bar of steel is in no way attracted magnetically to the U shape. It's all just un-magnetized steel. Wrap a coil of wire around one leg of the U and touch the two ends of the coil to an electrical potential. Just a quick touch of a AA or better a little 9V battery is all that's needed. Just the quickest possible little touch; a tiny spark. This starts two interpenetrating vortexes of magnetic energy whirling around the circuit and pushes the bar of steel to the top of the U in an extraordinarily strong magnetic like attraction. From such a tiny input of energy, the device will remain glued together this way forever. It will not diminish in it's stored energy. A device made from 1 ¼" steel bar takes over 67 pounds of force to break the connection, all from that tiny input of energy.

Another fascinating aspect of the PMH is that when separated, neither the U nor the bar are magnets. They won't pick up a paperclip. There is zero apparent magnetic energy about them. But bring the two pieces, the U and the bar, back in contact with each other, and you will feel they are still magnetically 'sticky' and this remaining energy seems to not diminish.

Conclusion

By following the directions Masonry points us in we have found ourselves on a journey of discovery of overlapping secrets. Over the ages of oral history there has been an inexorable slow distortion of messages from the past because of cumulative tiny changes. The truly ancient messages embedded in the fair craft of Masonry have in some cases become even more veiled thanks to our rituals and symbols being changed in tiny ways over time by those who were unaware that there was a veiled lost technology, a hidden truth of our history on this planet, and in particular a message about our True nature imbedded in those traditions. Teasing strands of real history and a forgotten technology from the recesses of the distorted history we have to study has not, however, been as difficult as it might seem. At every turn, that which is Real is revealed in all it's glory as the Supreme Being's own message shining clearly through all that can be observed.

I suggest that the geometry we observe, that of the Platonic solids for example, is a penetration into the observable space of an underlying Geometry that is the actual building block the Great Architect uses to construct that which is physical. We see hints of this underlying structure when we look at geometric figures like the Flower of Life, within which all the Platonic solids, and other more complex geometric shapes like Metatron's Cube and the Merkaba, exist all at once. Within the Flower of Life, without doing anything to it at all, we find mathematical relationships like Phi, the Golden Proportion, Pi, and even the ratios of planetary systems and the form of the human body. The Flower of Life is the most complete example of the underlying energetic structure of geometry interpenetrating into the observable space.

Events interpenetrate text. Communication interpenetrates speech. Geometry interpenetrates the observable. Mathematics is interpenetrating. And Awareness interpenetrates all.

This is the fascinating message Masonry draws the seeker's attention to by directing us to geometry: Geometry is the foundation of the constant creating that is the work of God. The observable space is interpenetrated by Geometry, but we only see the observable space. It is not accurate to say that God is geometry, but rather God and Geometry are one as Awareness.

Everything exists because it *is* the thing it knows about. Our ego separates experience into the knower and the known, but it doesn't do a perfect job of it, because we see clues that they may actually be one thing in how events interpenetrate text and communication interpenetrates speech and how geometry interpenetrates everything. We've been fooling ourselves by only paying attention to the ego's splitting of experience.

The witness exposed,
revealed by grace,
thinks not, knows not;
Is.

The fall from grace
is to descend to thought;
to think is not to know:
I Am.