Interpenetration of the Observable Space by Michael McKeown

I suggest Masonry is a vehicle of a set of Grand Secrets from a period of forgetting that was forced on humanity from a past that may not be all that distant. This core set of knowledge has to do with who we really are, where we came from, and an understanding of the basic forces of the universe that allowed the creation of the megalithic stone constructions we see on Earth, the Moon, and Mars.

In a past article we explored the philosophy that the point within the circle demonstrates. Interacting with the world creates a movement of energy that the ego labels. The Monad, or point within a circle, teaches us to stand in the middle as the observer and not be swayed by the machinations of the ego telling us things are one way or another. Psychology is the study of errors of observation and the resulting incorrect behaviors the ego chooses. Your partner does something irritating and you exhibit a frustrated response; yet another person might find the irritating behavior to be cute and feel love. The movement of energy in the body for both feelings is the same, and the observed behavior is the same, but the labeling causes the 'feeling' that attaches to the movement of energy to appear to be different. The psychologist will help you find in your past what happened for your ego to learn to identify that particular behavior. Systems like Neuro-Linguistic Programing (1) go further and re-trains the ego to adopt a new behavior. Philosophy teaches us that there is an aware entity that is the observer of the ego and how to recognize it instead of being addicted to the fabrications of the ego.

This means, and this is the very exciting part, that 'we' as such are not actually making 'choices'. The 'we' that we identify with is a fabrication, so it can't possibly be the one that is making things actually happen. Brain wave tests (2) show that when confronted with a decision, the decision occurs before the ego recognizes it, and when the ego sees it is occurring, it takes ownership of it. What is really going on is The Supreme Being expresses as creation.

There is a single thing occurring. We paint images on top of it with a contraction of awareness and in that contracting, the ego appears and we become addicted, perhaps proud of, the feeling of the ego and fail to recognize God's presence that actually is all experience.

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. "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.

There is a parallel between geometry and philosophy. If the above concept of philosophy is true, that all that is observable is the Supreme Being, then we should find evidence that all aspects of the observable space exhibit an interpenetrating aspect.

Geometry demonstrates that it 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. 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. Geometry is a reflection of what creates the observable space.

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 aware that geometry is an outer manifestation of an invisible creative force. I further suggest that an understanding of the source of, the root of, geometry allows access to a forgotten ancient technology.

Masonry draws our attention most significantly to Geometry. I am absolutely convinced that the real secrets of Masonry tie together King Solomon's Temple, the Monad, and paramountly, Geometry. 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.

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, so instead geometric forms 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, (3) which have 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, imaged below.



A quick glance at the Flower of Life reveals it has as it's primary mathematical expression phi, the Golden Ratio. The Golden Ratio is "incommensurable," i.e, that the ratio cannot be expressed as a ratio of whole numbers. Therefore, phi is shown to be an irrational number. It has been suggested by several researchers that the Pythagoreans' discovery of this was the first appearance of incommensurability in history, but as we shall see, it was not the only example of incommensurability that Pythagoras, and Plato shortly after, knew about. These examples of incommensurability we shall explore have to do with the very underpinnings of the physical world.

The Flower of Life starts with a central circle. Draw another circle with it's center on the edge of the first (it's 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 actually 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 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, and much more, and are what form the basis of Hyperdimensional Physics, popularized by science journalist and author Richard Hoagland.



The Merkaba, or Star Tetrahedron

Geometry is a vibration, and to understand how that can be, we need to take a path down music theory. (4) Modern concert pitch is based on the A above middle C = 440 Hertz. 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 Sadja ("Father of Others"), and the Sitar and Tambura are tuned accordingly. In suffism 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 x 5. (5) The diameter of the sun is 864,000 miles which is 432 x 2000. The precession of the equinoxes takes 25,920 years which is 432 x 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 Burtoff, this reveals the underlying frequency of the universe, but it may rather be merely an example of how everything observable interpenetrates as the root origination of the observable space is a single thing and therefor by definition must be of an interpenetrating nature.

Our ancient brother Pythagorous said that man is two octaves below God. If 666 is actually 6x6x6, 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.

Make a triangle that consists of sides totaling 216 units (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.

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.

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 x 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 numbers by the digital root method. 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.

Randy Powell, famous for his work with Vortex Mathematics says: "Numbers are not modeling geometry, arithmetic is not explaining geometry, it IS geometry."

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 demonstrates 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 doubled 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 yo 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: 1x1 = 1, 1x2=2, 1x3=3, etc. How 'bout 8? 8x1=8, 8x2=16 which is 7. 8x3=24 which is 6, etc. Here are all the multiplications worked out:

9

8x9 8x8 8x7 8x6 8x5 8x4 8x3 8x2 8x1	1x1 1x2 1x3 1x4 1x5 1x6 1x7 1x8 1x9
9 1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8 9
7x9 7x8 7x7 7x6 7x5 7x4 7x3 7x2 7x1	2x1 2x2 2x3 2x4 2x5 2x6 2x7 2x8 2x9
9 2 4 6 8 1 3 5 7	2 4 6 8 1 3 5 7 9
6x9 6x8 6x7 6x6 6x5 6x4 6x3 6x2 6x1	3x1 3x2 3x3 3x4 3x5 3x6 3x7 3x8 3x9
9 3 6 9 3 6 9 3 6	3 6 9 3 6 9 3 6 9 3 6 9
5x9 5x8 5x7 5x6 5x5 5x4 5x3 5x2 5x1	4x1 4x2 4x3 4x4 4x5 4x6 4x7 4x8 4x9
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.

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. A technology is being born from Vortex Mathematics. 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?

However, detractors of the Vortex Math system point out that it is only demonstrated by Marco Rodin et. al. in base ten. Real mathematics occurs in numerous bases. It turns out that for every base even to the most extreme example, the geometric pattern exists in increasing complexity and beauty. At the web site <u>http://</u><u>www.theproblemsite.com/vortex/base-and-multiplier</u> there is a Vortex Math calculator which demonstrates the beauty the system contains. Below is an example of base 212, with a septupling operation:



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 is in perfect tension we see it as nothing. Understanding it will beget technologies which we will recognize as ancient.

Consciousness becomes self aware through the act of first differentiating and then realizing the self-referential, unified state. If the Supreme Being is all that exists, then Geometry is the first expression of His Awareness in the physical space.

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 *Michael McKeown*

Yet another example of the interpenetration of the observable space is communication. Communication interpenetrates speech. A researcher in Australia, David John Oates (6), found that when people are speaking normal and have a little hiccup in their speech, a little trip of the tongue, hings are being said backwards 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." But by making that mistake in forwards speech he was saying something in reverse. Played backwards he quite clearly says, it's not muddied 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, written communication interpenetrates text. Michael Drosnin wrote a software program to finally find, after many centuries of famous people trying, a code in the original Hebrew bible.(7) 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. Indeed *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. When we listen to speech we hear communication in only one direction, but communication interpenetrates the musical sound of speech. Nothing can speak of something that it is not, and therefor that which is communicated interpenetrates the communication method.

I promised another example of incommensurability left to us by Plato, who lived not long after our ancient brother Pythagoras. There is a brilliant researcher, Ken Wheeler (8), who is a professor of the Greek language and makes a hobby of translating ancient greek literature. Studying Plato's The Republic, Wheeler made a discovery. Specifically the famous scene of prisoners chained in a cave who believe the shadows cast on the wall to be reality, not realizing that they are shadows cast by people walking in front of a fire. When one prisoner escapes and realizes the truth, he returns to the other prisoners who refuse to believe him. This passage is often given as an example of Self realization. Ken Wheeler felt there was also a set of mathematics embedded within the passage, and from that discovered the mathematics that describe the hypertroichoidal nature of magnetism, 1/phi^-3.



Actual image of the hypertroichodal structure of coherent dielectricity using a Ferrocell.

The absolutely fascinating thing about this subject is the discovery that magnetism is actually not a thing, nor a force. Rather it is the posterior attribute of dielectricity made coherent through electrification. Like the Supreme Presence which permeates observation, and like geometry which interpenetrates all that is observable, dielectricity exists in all objects and all space. Think about that for a moment. Dielectricity permeates, is at the core of, makes up all aspects of, *everything*. Just as the Supreme Presence permeates all that we experience, and as a result we completely ignore it and pay attention instead to the images we paint on top of it, and just like geometry interpenetrates all objects but we focus only on one element at a time through differentiation, so has dielectricity been completely ignored by science. Dielectricity pervades all space and all objects, but we have ignored that and payed attention only to it's posterior attributes and made complex incomplete sciences around appearances and attributes, rather than the underlying interpenetrating thing itself.

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 of who we really are and what the world really is. It can not be described in words, as words create divisions, and what is real is non-dual, not-two.

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 the seer and the seen thing may actually be one thing. 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. *Michael McKeown*

Notes

1. NLP: Maximize Your Potential- Hypnosis, Mind Control, Human Behavior and Influencing People (NLP, Mind Control, Human Behavior) by Victoria Price

2. Chun Siong Soon, Marcel Brass, Hans-Jochen Heinze & John-Dylan Haynes, "Unconscious Determinants of Free Decisions in the Human Brain." Nature Neuroscience, April 13th, 2008.

- 3. Metatron's Cube: Remarkable Repository of Sacred Geometry by Jelila
- 4. Mathemagical Music Production by Derrick Scott van Heerden
- 5. Who Built the Moon? by Christopher Knight
- 6. Reverse Speech: Hidden Messages in Human CommunicationNov 1991 by David John Oates
- 7. The Bible Code by Michael Drosnin

8. Uncovering the Missing Secrets of Magnetism: Exploring the nature of Magnetism, with regards to the true model of atomic geometry and field mechanics by means of rational physics & logic by Ken Wheeler

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