

Sacred Geometry

Unknown Author

Sacred Geometry

Metatron's Cube

TETRAHEDRON

CUBE (HEXAHEDRON)

OCTAHEDRON

DODECAHEDRON

ICOSAHEDRON

The Five Platonic Solids

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Geometry begins with the 'point,' which is *circular* or, in three dimensions, *spherical*. It exists only as the intersection of two or more lines, being purely abstract, while yet the only empirical beginning—and end. Thus all our geometry, whether sacred or profane, springs from 'nothing,' as evidenced by the fact that the point doesn't even qualify as a dimension.

The first dimension begins with a line—the point that has 'smeared' itself through space, like the 'red shift' photographs of distant galaxies. This line is the shortest path between two infinities, or 'points.' From *one*, the duality of *two*

lines is born. Our rational lives are associated with this *first* dimension, the line which travels at its own pace between the void before birth and the void after death.

But no 'closed' or stable figure appears until there are three lines, or rather until the first line has 'smeared itself again—like a windshield wiper—into a plane, the *second* dimension. The simplest possible planar expression is the *equilateral triangle*, symbol of the fiery trinity of active creation. This 'trinity' sheds its vibration even into chemistry and mechanics.

If three needles are placed in three corks, and the corks floated in a bowl of water with a magnet beneath them, they arrange themselves as the corners of a constant equilateral triangle. A stool needs a minimum of three legs to stand. White light remains undifferentiated into colors until it has passed through a triangular prism. And three spheres of equal size provide the basis for a fourth to rest upon them in a higher 'mode' of form.

Brahmanic scripture speaks of two 'fires'—the *spiritual* energy which descends from heaven, and the *earthly* etheric energy which ascends from matter. In the ancient traditions we find these concepts mirrored in the triangle which is based in matter, its point aspiring *upwards*, and the triangle which is rooted in the invisible heavens and despires *downwards*. Their union, the union of polarities, is spirit wedded to matter—the macrocosmic man, in his complete and feminine sensitivity to the Divine. It is the *Star of David*, each point—as with every true symbol—touching the edge of an invisible circle of totality.

Geometry and myth can be closely intertwined, as we can see from the fusion of two circles to form one *vesica piscis*. This figure produces both triangles,

squares, and the golden mean rectangle—the mean proportion which occurs in sacred architecture as constantly as it does in the growth of spiralling shells or galaxies.

In Gnostic Christianity the symbol for this generative proportion (the tuning fork for the soul's growth) was the *fish*, the fish's eye being the intersection of the diagonal of the larger golden mean rectangle with that of the smaller, proportional golden mean rectangle within it. These rectangles generate each other, in proportion, from macro- to micro-cosm, together with their squares.

From this mean ratio of the *vesica piscis*—which underlies the architecture of Gothic cathedrals—springs the *fish* symbolism which pervades the religion of the Piscean Age—the now waning eon of Christianity: Christ as the *fisher of men*, the fish-shaped mitres worn by bishops and the Pope, the *piscina* or baptismal font, and so on. The two circles producing the *vesica piscis* are also precisely contained within a larger *mother vesica piscis*, from two circles contained within a yet greater one, and so on.

It is the *circle*, or *sphere*, which is the basic shape in sacred geometry, for within them is contained the duality of the human predicament. The *hexagon*, the six-sided figure, whose edges are equal to the radius of the circle encompassing it, abounds in nature, in plankton, snowflakes and flower pedals. It is the shape formed by circles when they wish to nestle together with the most economy of space—seen in crystals and honey-combs.

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It is this strange *inside-outness* of circles which means that six equal-sized circles, themselves arranged in a circle, will touch each other to leave room for a seventh *invisible* circle of the same size in their midst. Both seven and thirteen have long been considered singularly *supernatural* numbers, symbolizing either heaven or hell. For the geometrician they represent the movement into a new mode of energy, which can be good or bad *luck* depending on one's capacity to handle it.

For whereas *six* is the number of harmonic totality in two dimensions, in three dimensions it is *twelve*. For instance, if we take twelve spheres, such as sticky ping-pong balls, they cluster around each other just leaving space for an *invisible* thirteenth sphere of the same size in their midst. The crystalline unfolding of geometrical order is mirrored not only in the human mind, with the growth of myth and symbol, but also at the rarefied levels of *supernatural* order which condition the physical universe.

The *hexagram* and the *pentagram* have long symbolized the two natures of man: the *spiritual* and the *physical* self. Like all dualities, these can be either *positive* or *negative*. The pentagonal star, or pentagram, for instance, can either be *upright* like the Leonardo da Vinci's canon figure, or else *inverted* resembling, as its symbol implies, the horned and bearded goat of the underworld.

The fusion of hexagon and pentagon is the same shape and proportions as the nucleic connections of the DNA molecule which carries the genetic code. The chemical model for these proteins consists of two dimensional platelets of two fused pairs of *hexagons* and *pentagons*, joined by a *golden mean rectangle*, which rise upon each other in a three dimensional

spiral. When viewed from the top we see a *mandala*, the form which the tantric priests also saw as a flat representation of a spiral, a crystalline map of the potential energies of human consciousness.

These forms are the *only* five polyhedra which have equal angles, equal faces, and whose points (or vertices) touch the edge of an invisible, enveloping sphere. Since spheres are *totalities* or *universes*, and the five polyhedra contain spheres, they can be seen to mediate an infinity of cosmic relationships, both physical and cerebral.

Symbolically, each of the five is associated with one of the five elements of Alchemy (Earth, Air, Fire, Water, and Ether), the five etheric *power points*, or chakral *tones* of the human body, the five *Akashic* or etheric colors, and so on.

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Geometry In The Body

In the beginning of your life in the womb, you were nothing but geometrical forms. In fact, all life forms—trees, plants, dogs, cats, everything—have the same geometrical and structural patterns running through them that ran through you when you were microscopic. Their very life and structural support depend on the forms.

In fact, all life forms are these geometrical patterns, but it is not apparent to the casual eye. These geometrical relationships are important to perceive, not only so the left brain can realize the unity of all life, but for another reason: so that

we can understand these **electromagnetic structural patterns** around our body and begin to re-create them.

Every known life form begins as a sphere. It's the most female form there is, so it makes perfect sense that the female would choose that shape to form the ovum. The ovum is a sphere. Another example of a round ovum is inside a chicken egg. When you remove the yolk from a hard-boiled egg, you can see how perfectly round it is. All of us begin as a sphere.

5. Dodecahedron, crown chakra. Element of Aether, Gold.
6. Octahedron, heart and throat chakra area. Element of air, Yellow.
7. Tetrahedron, initiator of the spiral, solar plexus chakra. Element of fire, Red.
8. Icosahedron, generative chakra. Element of water, Blue.
9. Cube, foundation chakra, at the root of the spine. Element of earth, Green or black.

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Vesica Pisces

The ovum has a membrane around it called the *zona pellucida*. Inside the membrane, is a liquid, and inside that, just like the chicken egg, there's another perfectly round sphere called the *female pronucleus*, which contains 22 + 1 chromosomes—half the chromosomes necessary to create a human body. Inside the *zona pellucida*, are two *polar bodies*.

It is now known that the ovum must be absolutely saturated with hundreds of sperm, or conception is not even possible. Out of those hundreds, ten, eleven or twelve must come together in some kind of pattern on the surface—a pattern they're still trying to figure out—that allows the eleventh, twelfth or thirteenth sperm to enter the ovum. One sperm cannot get through the membrane without the other ten to twelve. It's not possible except when a human artificially inseminates it.

The little sperm gets in through the *zona pellucida* with the help of the other sperm and then starts swimming toward the female pronucleus. The first thing that happens is that the sperm's tail breaks off and disappears. Next, the tiny sperm head expands and becomes a perfect sphere, which is the *male pronucleus*. It becomes **exactly** the same size as the female pronucleus, and it contains the other half of the necessary information.

Next, they pass through each other and form a geometrical relationship called the *vesica piscis*. It's not possible for two spheres to pass through each other and perfectly coincide without forming a *vesica piscis*. This means that at this exact moment literally all the information of the Reality (and light) is contained in that geometry. This could not happen unless the two pronuclei were the same size.

Science proved the determining factor for which sperm will enter is the female. She selects the one to allow in. Just as everybody has a different projection length into a space or into the Void, each little sperm also has a different-size sphere around it. She's not going to let him in unless his size is identical to hers. If it's a matching key, okay; if it's not, forget it.

The First Human Cell

After the two pronuclei make a *vesica piscis*, the male pronucleus continues to permeate the female pronucleus until they are one. At this time it's called a human *zygote*, **the first cell of the human body**. So you began as a sphere before you created your familiar human body. Actually, you were a sphere within a sphere. The human *zygote* will not change size during the first nine cell divisions.

Union of Male & Female Pronuclei

Migration of Polar Bodies To Form A Central Tube

Chromosomes Forming The First Two Cells

It's fixed, as is the size of the outer membrane. The human *zygote* is about 200 times bigger than the average cell in the human body, so big you can actually see it with your naked eye. When it divides into two, each of those two cells is half the original size; and when those two cells divide into four, each cell is a quarter of the original size.

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The cells keep dividing like this, getting littler and littler, until they've divided eight more times and number 512. At that point the average cell size of the human body is reached. *Mitosis* continues, and the dividing cells expand beyond the boundaries of the original zona pellucida.

First the growth goes into itself, then out beyond itself. When the first growth goes *inward*, it's as if it's trying to figure out how to do it. Once it figures that out, it goes *outward*, beyond itself. **All life uses this process.** The next thing that happens in the conception process is that those little polar bodies begin to migrate through the zona pellucida. One goes down and becomes the *south pole* and the other becomes the *north pole*.

Then, out of nowhere, a tube appears, running right down through the center of the cell. Then the chromosomes break in half, and half of them line up along one side of the tube and half line up along the other. This is a familiar image in human energy fields—it's very much like the energetics of an adult human being. Humans have a similar sphere of energy around them. You have a north pole and a south pole, and you have a tube running right down through your body.

Half of you is on one side of that tube and half is on the other. After the chromosomes have lined up along the two sides of the tube, they form into two cells; one of each side of the tube, and each cell contains $44 + 2$ chromosomes. Scientists used to depend on electron microscopes for photographs. Now they have laser microscopes that can take movies, so they can watch these things happening. They're gaining information rapidly.

The First Four Cells

The next step is that the cells divide again, going from two to four—a binary sequence—1, 2, 4, 8, 16, etc. Most textbooks show the first four cells forming a little square, but that's not what happens. They actually form a *tetrahedron*—

one of the Platonic solids—and the apex of the first tetrahedron points either to the north pole or the south pole, which probably determines the gender.

Next, the cells divide into eight; they form one tetrahedron facing up and one tetrahedron facing down, and you get the **star tetrahedron**. This is called the *Egg of Life*. Every single life known on Earth must pass through the Egg of Life stage. Science has recognized that this particular stage of development is different from any other, and it has many unique qualities that don't occur at any other time in its development.

First Four Cells

The most important quality of these original eight cells is that they appear to be identical—there appears to be nothing different about them at all. Researchers have tried to find differences, but they couldn't. Scientists have found that they can split the egg of life in two at this point, through the middle of the cube, with four cells in one part and four in the other, and two identical people—or rabbits, or dogs, or anything else—will be created. They've gone as far as dividing it once more, making four identical life forms.

Original Eight Cells

These original eight cells are closer to who you really are than your physical body is, closer to your true nature. You get a brand-new body every seven years; every cell in your body dies within a seven-year period and is replaced with a new one, **except for the original eight cells**.

They remain alive from the time you're conceived until the time you die and leave the body. All the rest go through their life cycles, but not these eight.

These cells are centered in the precise geometric center of your body, which is slightly above the perineum. There's a little piece of skin there, and even though there's not a physical opening, there is actually an energetic opening. That's where the central tube runs through your body, coming out the top through the *crown chakra* at the top of your head.

First Eight Cells

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If you look at a newborn baby during the first few weeks, you'll see the top of its head pulsing. If you were to look at the bottom of the baby, at its perineum, you'd see the same pulsing. That's because the baby is breathing in the proper way. Both ends are pulsing because the energy is flowing from the two poles—coming from the top down, and from the bottom up—and meeting. From the point where the original eight cells are located, it's the same distance to the top of your head as it is to the bottom of your feet. And the cells are arranged just as they were when they first came into existence—in the Egg of Life pattern—north up, south down.

Hollow Sphere Torus

After the eight-cell division, it divides into 16 cells, whereupon it forms another cube or star tetrahedron on the end. This is the last time it will be symmetrical.

When it divides into 32, 16 cells are in the middle and 16 on the outside. If you take the 16 on the outside and try to fill in the empty spaces to keep it symmetrical, you will find it is not possible. You end up with two open spaces no matter how you do it. It needs 18 cells to be symmetrical.

At the next division there are 32 more cells, but it gets worse. There is no more symmetry. It was meant to do that. It starts turning into a blob. But the blob has consciousness. Then it stretches and the inside starts turning out, becoming a hollow ball. Once it gets to this stage, it becomes a perfect hollow sphere then becomes a *spherical torus*. Every single known life form goes through this torus stage. This formation in the torus shape is called the *morula*.

After this, the expansion goes beyond the zona pellucida and the cells begin to *differentiate*. The hollow space inside the torus becomes the lungs, the north pole becomes the mouth, the south pole becomes the anus, and all the internal organs form inside the tube that runs through the middle. If it's a frog it begins to get little legs, or if it's a horse a little tail grows. For a fly, little wings develop, and a human starts to look like a human. But before this differentiation, we all look like a torus.

To summarize, we start out as a sphere, the ovum, we then move to a tetrahedron at four cells, then on to two interlocked tetrahedrons (a star tetrahedron or a cube) at eight cells. From 2 cubes at 16 cells we turn back into a sphere beginning at 32 cells, and from the sphere we become a torus at 512 cells. Planet Earth and its magnetic field is also a torus.

A torus is formed when you rotate the Genesis pattern around its central axis, creating a shape that looks like a doughnut, but the hole in the middle is

infinitely small. A torus is like an inner tube; it's able to fold in on itself, turning either inward or outward. No other shape in existence can do this or anything similar. A torus is the first shape that comes out of the completed Genesis pattern and is absolutely unique among all forms in existence. The earth's magnetic field has the shape of a torus.

Magnetic Field Around Earth

There are seven regions on this shape, which are collectively called the *seven-color map*. These seven regions will exactly fit in the tube torus with nothing left over. There are 10^{14} cells in the average human body. That's 100 trillion cells in the average person. That's 1 with 14 zeros. It takes exactly 46 mitotic cell divisions to reach the 10^{14} cells of the human body. There are 46 chromosomes in the average cell.

Geometries That Surround the Body

We've seen how the geometries unfold in conception. We saw how we started with a little cube of eight cells, which became the center of our bodies. Now we'll look at the geometries outside the body.

The human body is the measuring stick of the universe—absolutely everything in the universe can be measured and determined from our bodies and from the energy fields around them. The *Canon* of Leonardo DaVinci, probably one of his most famous works, shows lines drawn over the arms and the trunk, across the chest and over the legs and neck.

The head is divided into another series of lines. Notice that the feet are drawn at both 90 degrees and 45 degrees. If you were to stand with your arms straight out and your legs straight down, a square or cube forms around your body, as in Leonardo's drawing. The center of that square is located exactly where the original eight cells are, which is also a square or cube, in the center of your body.

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Notice the small cube around the original cells and a bigger cube around the adult body. When you are standing with your arms outstretched like Leonardo's drawing, there is a difference between the height and the width of your square.

There is one ten-thousandth of an inch difference between the width of your outstretched arms and your height. It has to do with the *Fibonacci series*, which life is based on. If you put your legs out to the side, like the outer legs on Leonardo's drawing and stretch out your arms like the upper arms, a perfect circle or sphere fits around your body, and its center is located exactly at the navel. When you do that, the circle and the square exactly touch at the bottom.

The hand length from the wrist line to the longest finger equals the distance from the top of the head to the top of the circle when the two centers are aligned; this same length shows up between the navel and the center of the square. If you were to move the center of the circle down to the center of the square, the circle and the square will align and synchronize.

The Phi Ratio

The phi ratio is 1.618. This phi ratio = $1/2 + 1/5/2$

DaVinci figured out that if you draw a square around the body, then a diagonal from foot to extended fingertip, then draw a parallel line from the navel horizontally over to the side of the square, that horizontal line intercepts the diagonal line exactly at its phi ratio as well as that of the vertical line from head to feet. When you study sacred geometry, you find that the *diagonals* are the major keys for extracting information from your forms.

In the Phi-ratio diagram, the square shown is the square around the body as in Leonardo's drawing. Notice that the line dividing the square in half is the center line of the human body. Also notice that the line b is not only the diagonal of one-half of the square, but is also the radius of the circle.

If your interested in math, see the equation for the phi-ratio, which proves that the phi ratio is found in the geometrical energy fields around the body in at least this one relationship.

There are many, many other phi relationships in and around the body.

When a baby is born, its navel is in the exact geometric center of the body. Both male and female babies start out this way, and as they grow, the navel starts to move toward the head. It moves up to the phi ration, and then continues upward. Then it comes back down to below the phi ratio, oscillating during the formative years. It never actually stops at the perfect phi ration in either males or females; the male navel ends up slightly above the phi ratio and the female

navel just below it. If you average the male and female points, you get a perfect phi ratio.

Assuming it's at that perfect point, not slightly above for females or slightly below for males, this means that the human body is divided into phi ratios from top to bottom. The phi ratio is located in thousands of places throughout the body, and it is not just a coincidence.

Leonardo DaVinci's "Canon"

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Some obvious phi-ratio in the human body are: the length of each bone in the finger has a phi ratio to the next proximal bone. That same ratio occurs with all your fingers and toes. If you compare the length of the hand to the length of the lower arm bone, it has a phi ratio, just like the length of the lower arm bone (ulna) compared to the upper arm bone (humerus). Phi-ratio mathematics goes not only through human life, but through the entire spectrum of all known organic structure. Another universal measurement you'll find is the 7.23 centimeters, the wavelength of the universe. You'll find this wavelength scattered through the body, such as the distance between your eyes; but the phi ratio occurs more often.

$$\begin{aligned} \frac{b}{a} &= \frac{b+a}{b} = \frac{c}{b} \cdot b^2 &= a^2 + 1^2 = \frac{1}{2} + 1 = \frac{1}{4} + 1 = \frac{5}{4} \cdot b &= \frac{\sqrt{5}}{2} \\ c &= a + b = \frac{1}{2} + \frac{\sqrt{5}}{2} = \Phi \cdot \Phi &= 1.6180339... \end{aligned}$$

Equation For The Phi-ratio

Once a measurement of any species has been determined, then every other measurement in that species follows in the phi-ratio proportion. There are only certain possibilities in human structure, and once the size of one part of the body is determined, that determines the size of the next, and on and on. The phi proportions are built into

architecture, such as Japanese pagodas. The Greek Parthenon embodies the same mathematics. The Great Pyramid also embodies the same mathematics—only a lot more.

Phi-ratio Diagram For The Human Body

Below is another way of showing the phi ratio. You make a curve so you can see how one curve is linked with another, and you can see all the cascading phi ratios of the human body.

Spirals

Another sacred form in life is the spiral. We're living in a spiral—the galaxy—which has spiraling arms. You're using spirals to listen to the sounds around you because the little apparatus in your ears is in a spiral form. There are spirals all over nature.

If you drop a ball, its path traced from your hand to the floor looks like a straight line, but since the earth's surface is moving on its axis at the rate of 1,000 miles-per-hour at the equator, in space the ball's trajectory is really a diagonal, or rather, since the points on the earth's surface are moving round its axis, a curved diagonal. But the earth arcs round the sun at 66,000 miles-per-hour in a different plane to the curved diagonal, so the ball's fall is really a spiral.

The sun, at the edge of the Milky Way galaxy, is itself travelling—in order to keep up with it—at 481,000 miles-per-hour, and the Milky Way, in turn, circles around a supercluster of galaxies at the rate of 1,350,000 miles-per-hour. Thus, our tiny solar system, like the ball, is really spiralling behind the sun; the whole organism, like an incandescent sperm-cell—or the microscopic infusoria which it resembles, is screwdriving through space/time with the planetary orbs in its twisting, golden tail.

Spirals are more than the timeless symbols of eternity which we find scrawled or woven throughout our earliest mythology; they are more than the layers of Hieronymous Bosch's Tower of Babel, or the spiral mazes and labyrinths of

antiquity—or even the spiral hierarchies of thought which awed the ancient philosophers and poets.

Spirals are the actual shape of fluid energy evolving order from chaos, and are found even in the anatomy of our own biological inheritance—the spiralling nucleic acids in the DNA.

Even the two-dimensional spiral reflects its connections with the higher dimensions of growth. It both begins and ends in infinity; it is a continuum which mirrors the harmonic ebb and flow between the polarities of positive (+) and negative (-), as well as between the polarities of infinite contraction at the center, and infinite expansion at the periphery.

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In a three-dimensional spiral—the spherical vortex—the opposing infinities dissolve into one another. It is visibly infinite; its beginning is joined to its end, it perpetually spirals into and out of its own middle, its center and its circumference eternally alternating their roles.

More than a symbol, this three-dimensional spiral is the form of the *Van Allen belts* which hover over the poles of our planet. With its simpler spiral sisters, it is the form of order which exists on the very brink of non-existence; the most passive of elements (water, gases, even electrical fields) express themselves in these twisting doughnut-shapes, from a smoke-ring blown from the lips, to a drop of milk released into placid water. The mushrooms which materialize in

the field are governed by the same vortical laws as the mushrooms which dematerialized most of Hiroshima and Nagasaki in 1945.

Golden Mean Rectangle with Male and Female Spirals

The spiral's symbolic depth connects us to the sustenance of our invisible source as surely as, in the biological dimension, we were once connected to our mothers by the spiralling umbilical cord; for the spiral is a living thread which can lead us to different dimensions of vision and energy.

The more you look, the more you find. Spirals are found in pinecones, sunflowers, a few animal horns, deer antlers, seashells, daisies, and lots of plants. If you put your open hand vertically in front of you, thumb toward your face; notice the movement as you roll your fingers into a fist, starting with your little finger. They trace out a Fibonacci spiral.

The Golden Mean spiral is the ideal. It's like God, the Source. The Fibonacci sequence is 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, etc. The *Golden Mean* ratio is 2 and the *Fibonacci* ratio is 1.618. The difference is in the areas where they originate. The bottom of the Fibonacci spiral has an area half the size of the area above; the Golden Mean spiral has an area 0.618 the size of the area above. The Fibonacci spiral is constructed using six equal squares, whereas the Golden Mean spiral starts deeper inside (actually, it never starts—it has been going on forever). Even though the originating point is different, they very quickly approximate each other.

The Fibonacci is *female* and the binary sequence is *male*. The *Fibonacci* sequence is obtained by adding two consecutive numbers to get the next number. 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, etc. The *binary* sequence doubles each time, such as from 1 to 2 to 4 to 8 to 16 to 32, etc., doubling with each jump. Instead of adding to the last number like we do in the Fibonacci sequence, we double it.

With the binary sequence, in order to determine the characteristic of the sequence, all you need to do is take any three consecutive numbers in the sequence—like 2, 4, and 8. You double the 2 and get 4, and double the 4 and get 8. It takes three consecutive numbers to positively identify the doubling process. The outer rectangle of this drawing is called a golden Mean rectangle. To get another Golden Mean rectangle, all you have to do is measure the rectangle's shorter edge (side a) and plot that distance along the longer side (side b), which makes a square (with equal sides; $A=C$). The left over area (D) is another Golden Mean rectangle. This can continue forever.

Each newly formed rectangle is turned 90-degrees. If you run diagonals across each rectangle, their crossing locates the exact center of the spiral they form. The diagonals become a key for more information: line F has a Golden Mean ratio to line e, continuing inward. We can say that F is to E what G is to F and H is to G and I is to H and so on. There's other spirals, but the Golden Mean spiral is paramount in creation.

There are two kinds of energies that move through Golden Mean rectangles. One energy is the diagonals that cross the squares, moving at 90-degree turns (shown in black). That's the male energy. The female energy is the line that keeps curving in toward the center, (shown in gray). So you have a Golden

Mean logarithmic spiral, along with a male spiral that uses straight lines with 90-degree turns at the phi ratio.

Nature does not use Golden Mean rectangles or spirals. The reason is because a Golden Mean spiral will potentially go inward forever. It will also go outward forever too, because you can take the longest line of any Golden Mean rectangle, make a square to get a larger Golden Mean rectangle and continue to do this forever. So a Golden Mean rectangle has no beginning and no end. It will go inward and outward forever. This is a problem for Mother Nature.

Life doesn't know how to deal with something that has no beginning and no end. This is hard for us because we are geometric beings, and geometry has centers and beginnings. Life figured out a system of mathematics that approximates this so well that you can hardly tell the difference. These spirals are Fibonacci in nature.

The previous figure shows the difference between the Golden Mean spiral and the Fibonacci ratio. The Golden Mean spiral is ideal. It's like God, the Source. As you can see, the top four squares on both drawings are the same size. The difference is in the areas where they originate. The bottom of the *Fibonacci* spiral has an area half the size (0.5) of the area above; the *Golden Mean* spiral has an area 0.618 the size of the area above.

The Fibonacci spiral is constructed using six equal squares, whereas the Golden Mean spiral starts deeper inside (actually, it never starts—it has been going on forever, like God). The Fibonacci spiral has a starting point and goes out from there. Even though the originating point is different, they very quickly approximate each other.

The stellar bodies appear to be strung out from the sun in specific 'mean' distances from one another, suggesting that when the gases constellated into planets they did so at points of harmonic constriction—like musical scales—in obedience to laws of hierarchical order.

A polar graph is a two-dimensional representation of a three-dimensional sphere, projected onto a flat surface. A polar graph has both straight lines (male) and circular lines (female) superimposed over each other—both male and female energies at once.

If you plot a Golden Mean spiral on a polar graph, then count outward to wherever the spiral crosses a radius, you'll find that it crosses the second circle at 120-degrees. The spiral continues outward to the fourth circle, exactly where the 240-degree radial line sits. And it reaches the eighth (outer) circle at the 360-degree or 0-degree radius. The radial increments have doubled (a binary sequence of 1,2,4,8) at exactly 0, 120, 240, & 360-degrees.

As the spiral crosses at these points it forms an equilateral triangle. If this binary spiral kept going outward, it would cross radii at further increments of 16, 32, 64 and so on, yet always hit those three 120, 240, & 360-degree radial lines as they too are extended. You not only have a triangle, but you're actually looking at a three-dimensional tetrahedron, because the 120, 240, 360-degree radii extend to the center forming the top views of a tetrahedron as well as a side view.

In nature, like in the galaxy, there's not just one spiral, but two, going out from the center in opposite ways. So if you copy nature, you would have to plot two spirals, which will produce two opposing triangles on the polar graph. If you look carefully, it actually produces two tetrahedrons—more specifically, it's a **star tetrahedron**, inscribed inside the sphere.

Inside the star tetrahedron in the sphere, there's another star tetrahedron. And inside the smaller tetrahedron, a sphere fits perfectly. If you take that size sphere and center it on each one of the points of the tetrahedrons, you end up with the fruit of life.

Spirals & star-tetrahedron

Star in a star

The harmonics of music are related to the proportions of a central line moving through a tetrahedron; these harmonics are determinable; $1/2$ being the octave, $2/3$ being the fifth, $4/5$ being the major third, $6/9$ being the major tone (step) and $16/17$ being the half tone (half step).

All the laws of physics can be derived from musical harmonics, now that the full system of harmonics has been revealed. Music can come into human experience as sound and can be heard and felt inside us, or it can be understood by the left brain as proportion and mathematics. Both sides of the brain use the same information differently.

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Sacred Geometry

Fruit of life

Fruit over stars & sphere

Female in her star tetrahedron.

Male in his star tetrahedron.

Female and Male in Star-tetrahedron

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Flower Of Life

This image of the *Flower of Life* is not only found in Egypt, but all over the world. It's in Ireland, Turkey, England, Israel, China, Tibet, Greece, Sweden, Lapland, Iceland, Yucatan, and Japan—it's found everywhere.

Almost everywhere around the world it has the same name, which is the Flower of Life. It's called a flower, not just because it looks like a flower, but, because it represents the cycle of a fruit tree. The fruit tree makes a little flower, which goes through a metamorphosis and turns into a fruit—a cherry or an apple or something. The fruit contains within it the seed, which falls to the ground, then grows into another tree.

So there's a cycle of tree to flower to fruit to seed and back to a tree again, in these five steps. This is an absolute miracle. But it just goes right over our heads. It's so normal that we simply accept it and don't think much about it.

Sacred Geometry

The galaxy is spinning out its spiral arms in space. The cosmic magnet drives the heart of worlds —fluids of life pulsating in a rhythmic ebb and flow.

Chromosomes align in precise array. Behold the miracle of creation.

Gaze into the deep night sky and see the pulsar beating in perfect time. Drink the words of the poet as he sings in perfect rhyme.

The electron in cyclic rhythm with the proton. The planets in rhythm with the sun.

The solar system in rhythm with the galaxy. Reverberations of the spheres in space echo in the silence of our meditation.

There is harmony in God's creation! There is rhythm. There is flow.

And cycles turn the wheels of time as the Great Mother nurtures the procession of life.

Elizabeth Clare Prophet

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