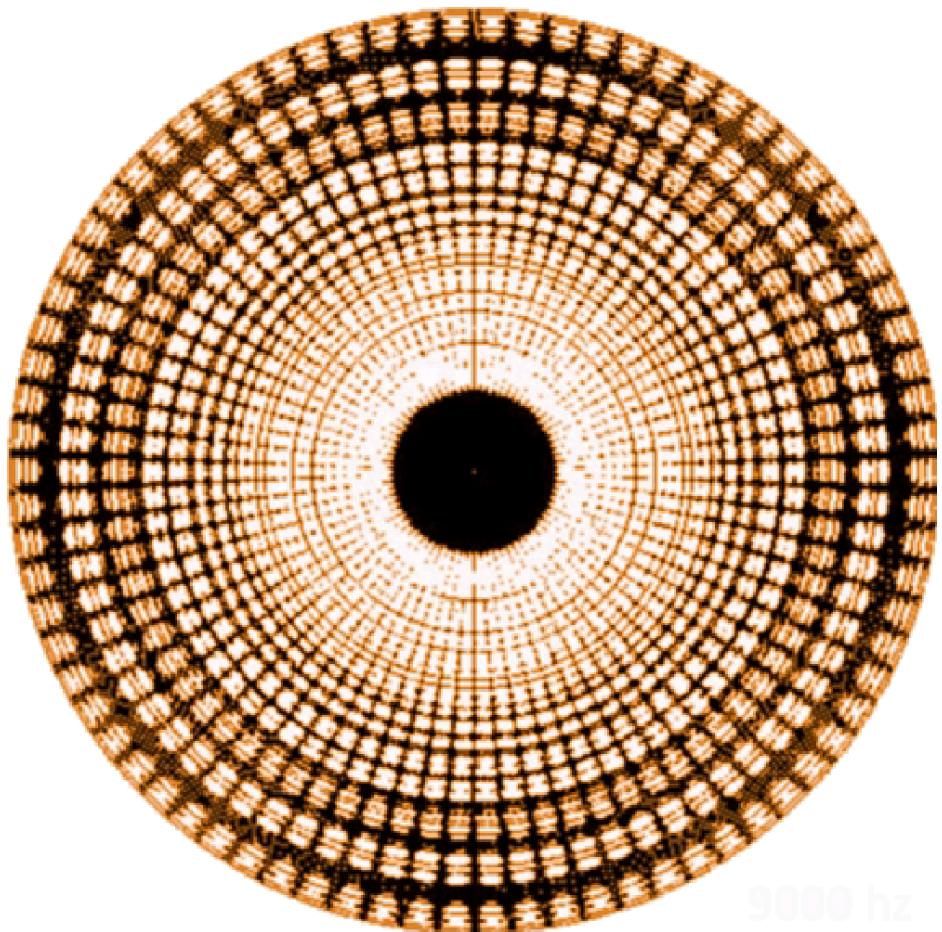
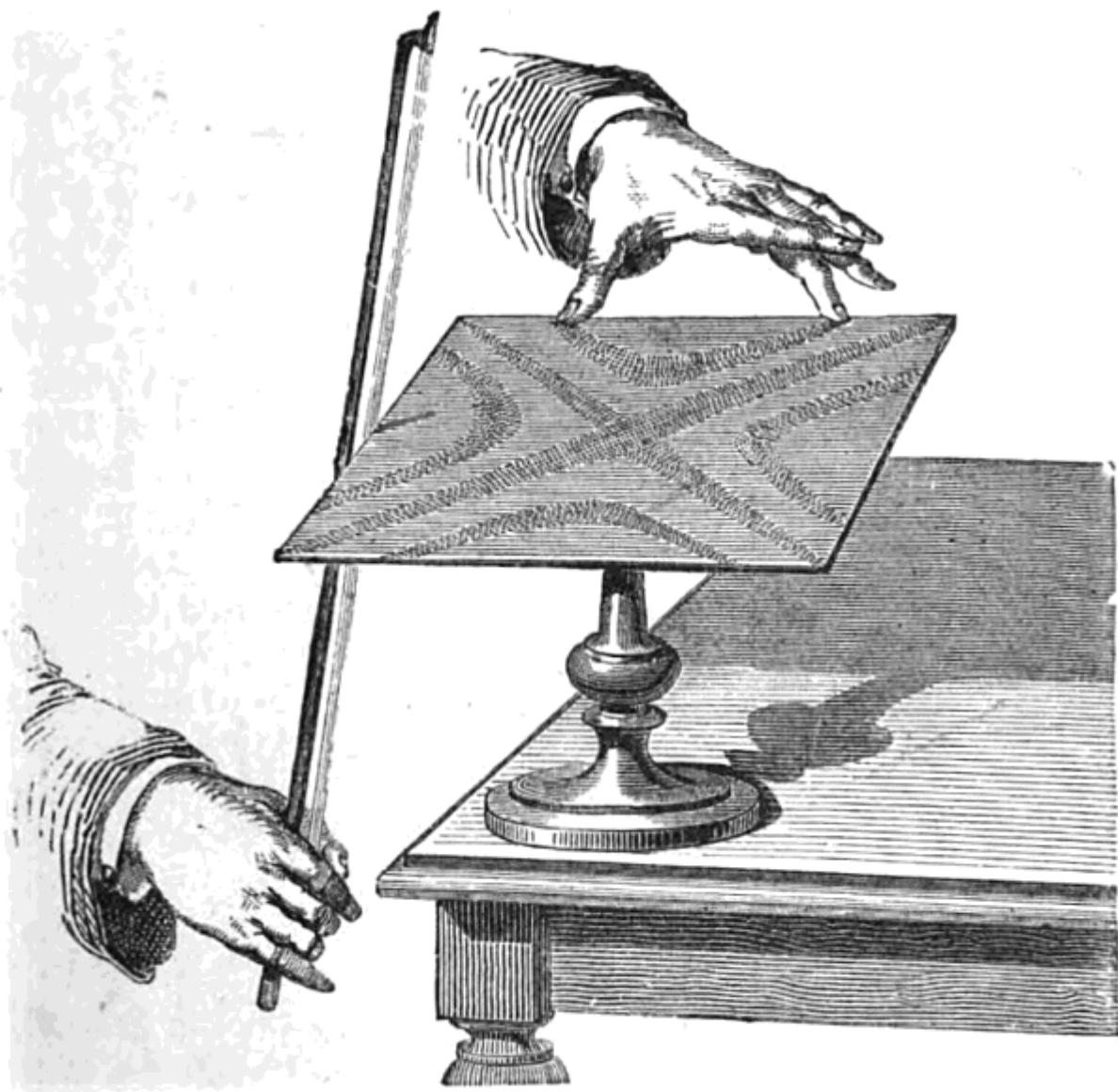


CYMATICA



This information is totally and absolutely OPEN SOURCE.

This is the research of Brendan Lee Sprague.



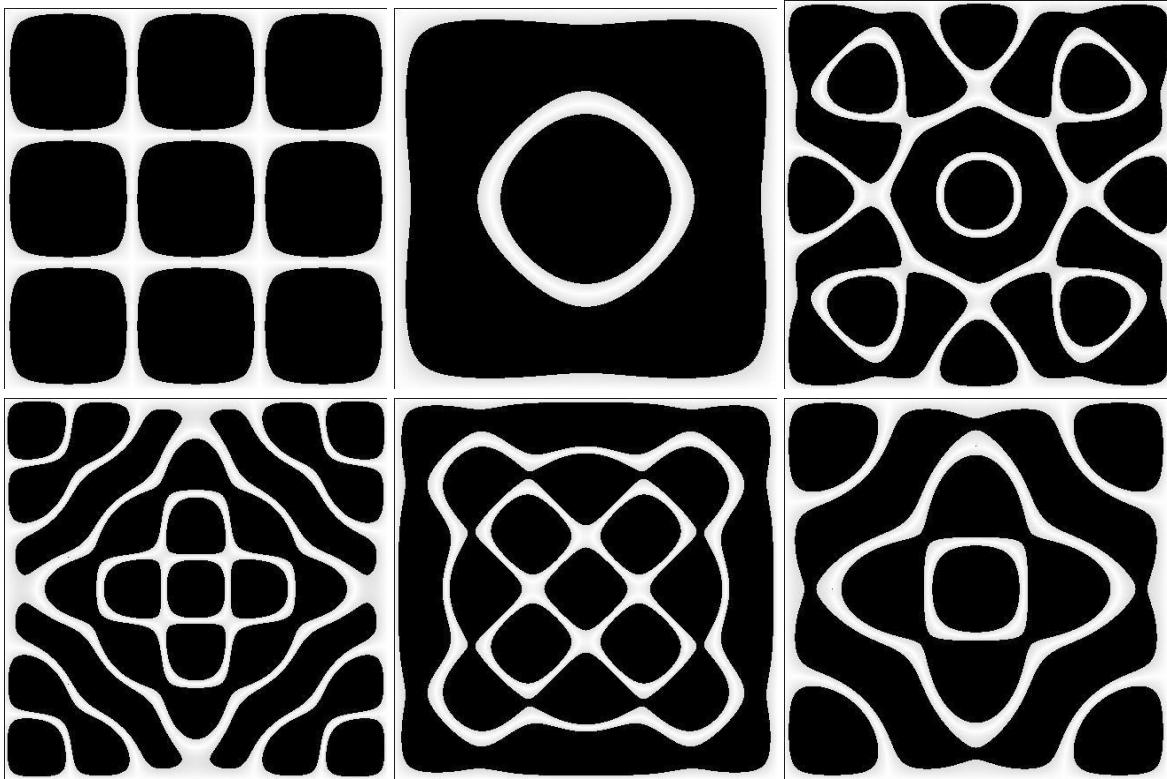
Ernst Chladni

This is research based on the theory of cymatics.

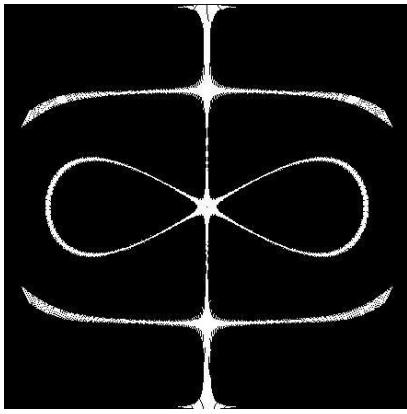
Imagine a plate such as a circle plate. It is being “vibrated” such as a quake, to which it is also spinning. The vibrating plate that is spinning is then, “directed” with unique frequencies. Images are produced. Such as snowflake patterns.

My research is based on the premise that all sound generates an image, and that for each sound therein lies a variable array of images based upon the media, that, may, in the end, result in affectation to the imagination, which, in due turn, affects the mind-body. The frequencies I wish to look at are first, for my own reasons – artistic – and personal. This book is mostly, an art-exhibit, of what is generatable through the tonoscope, and geometry machine.

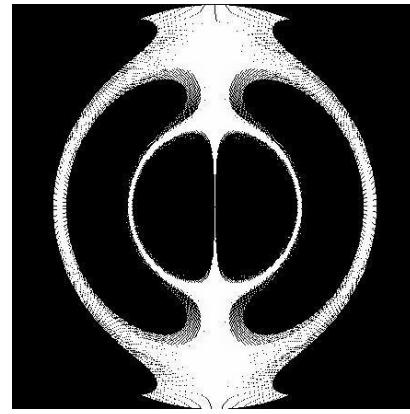
On my first day with the tonoscope, I generated these images you see below.



They are all of the 100 hertz frequency range, and of variable tension and surface density and I choose this as a focus, because the 100 frequency range is where most creative thoughts tend to escalate, termed "hypergamma." Theory will suggest the images are repeatable as thoughts, and may express great variability.



With twice the tension =



These both vibrate at 100 cycles per second, but they involve less sand. As you can see they each look drastically different with a doubling in the tension of the plate. Thus, you can already see that the variables are changing visually very much. The image on the right appears as though some kind of altar, shell, or acorn. The left, more of a symbol.

“These images were generated using the tonoscope with the tension varying, and as little sand as possible.” They are just how it would appear in real life in such circumstances using the same geometrical plate, and use of tones to which are vibrating at these variables rates and frequencies. It is real.

Theory:

There are 1000 milliseconds in one second, and 100 cycles in one hypergamma wave. A decisecond is a tenth of a thousand, so thus must repeat in perfect units to which are expressive of a sort of machinetic, near, “rhythmic” mode of thinking. It is said, that the “gamma state” is the state where you are figuring something out, or completing a big job. You are “in the zone.”

This is one idea, but may not be proven until we have an effective cybernetic thinker, such as to whom is truly “machinetic” and thinking in perfect rhythm. The idea, would be a very efficient worker. Or, a very successful artist, or entertainer.

In concept, it is cool to think in gamma waves, and there is nothing wrong with trying to reach your own creative peak.

The DNA-Activating Frequency: 528 hz?

The Solfeggio frequencies were mentioned in the book “The Healing Codes of Biological Apocalypse,” and are then later mentioned in an experience, by a doctor Joseph Puleo. They are allegedly in the key of “C” and have a repairing effect on the human genome.

“If you only knew the magnificence of the 3, 6, 9, then you would have a key to the universe.” – Nikolai Tesla

John Keely, in "Formula of Aqueous Disintegration" he wrote that, "molecular dissociation or disintegration of both simple and compound elements, whether gaseous or solid, a stream of vibratory antagonistic thirds, sixths, or ninths, on their chord mass will compel progressive subdivisions. In the disintegration of water the instrument is set on thirds, sixths, and ninths, to get the best effects." Suggesting the Pythagorean 3, 6, 9, also works best in chemistry. Does Chan Marshall of Cat Power know more than we do, when she sings about, 3, 6, 9..?

According to sources, these are the six Solfeggio frequencies.

396 Hz – *Freeing Guilt and Shame*

417 Hz – *Integration of Change*

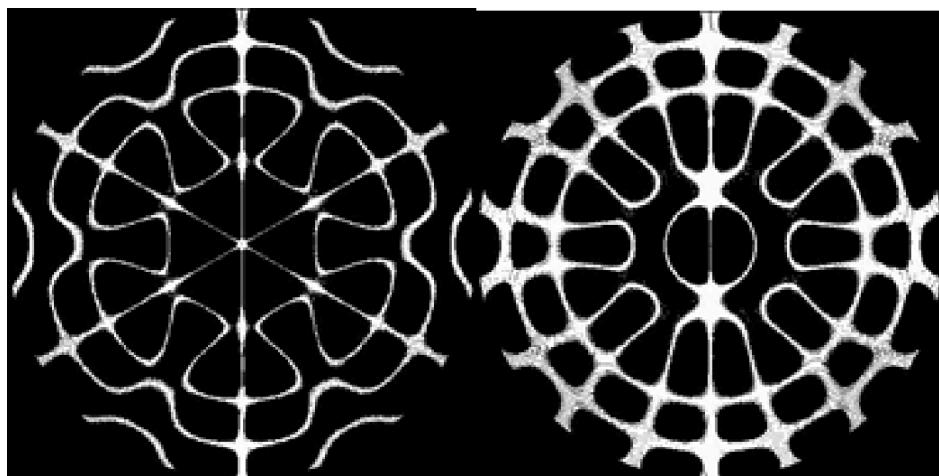
528 Hz – *The Change – repairs DNA*

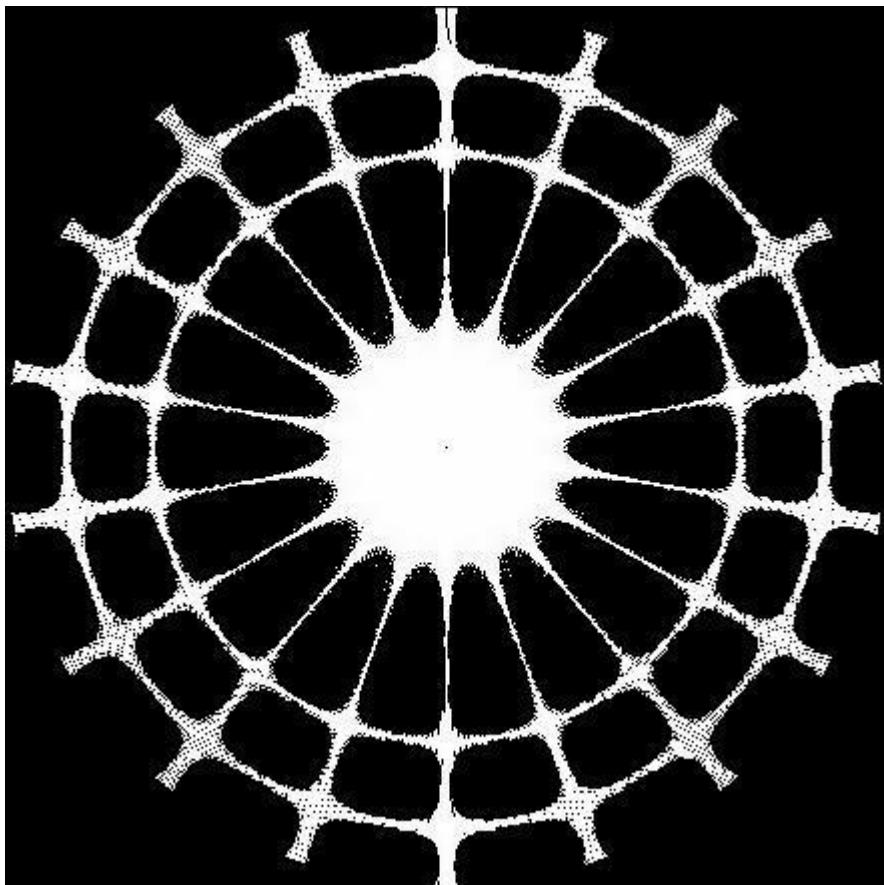
639 Hz – *Relationships*

741 Hz – *Expression and Truth* 852 Hz – *Return to Spiritual Order*

I first am out of sake of priority going to “look” at the miracle frequency first. I have found various patterns, and they are all interesting, to which are all using 528 hertz directed at a surface of 440 by 440 millimeters. The sand is programmed to be light, and the pattern circular.

“The Miracle Frequency”





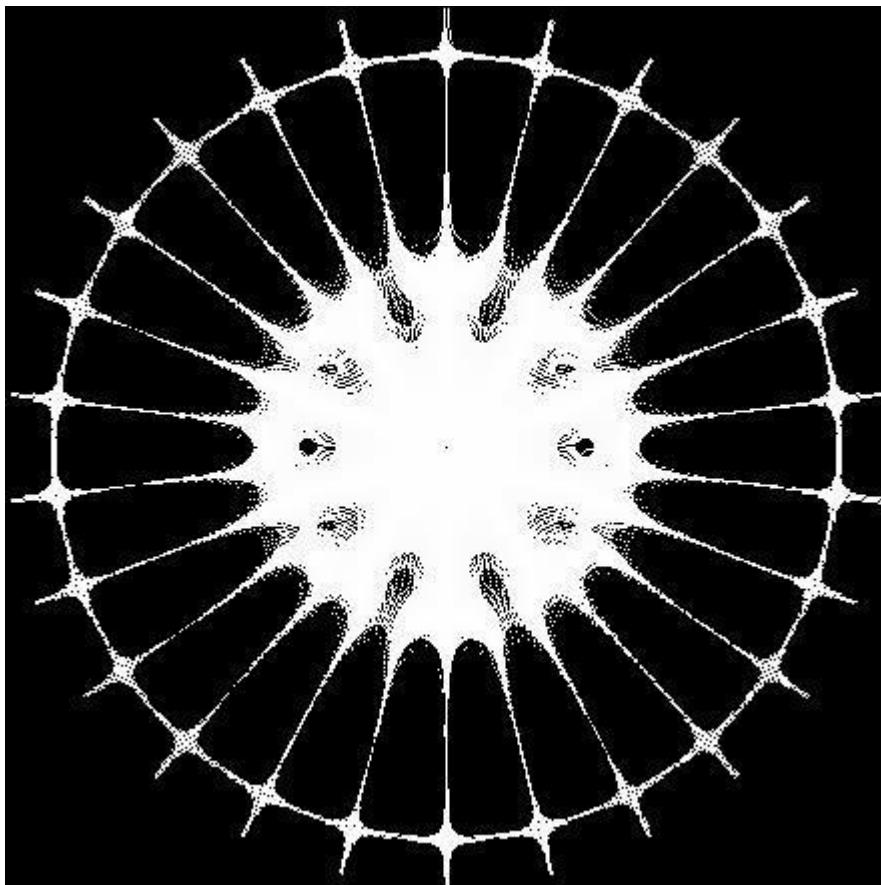
Sol Fig. 1

Tension Value: 38

Surface Density: 3.6

So – wonder to yourself, at this frequency, in these dimensions, this image is apparently somehow related to our DNA..? According to the various theorists to whom are so considerate of the notion of sound, thought, and DNA..? “This” image, has a unique effect on the properties of our DNA.

And the next, a variable difference:



Sol Fig. 2

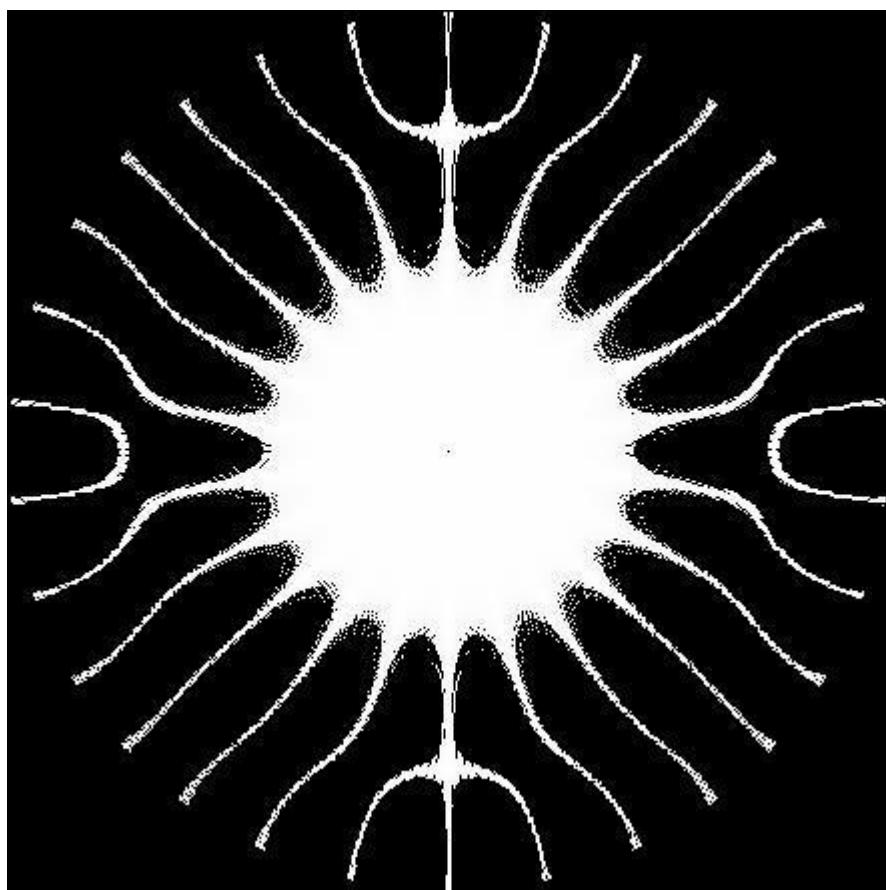
Tension Value: 13.1

Surface Density: 1.5

About half the amount of “shaking” – in this rotation – and the span of the spokes, is different, as well as the girth of the nucleus of the star. If you count, this is 26 lines going out from the centre.

*1

396 Hz :

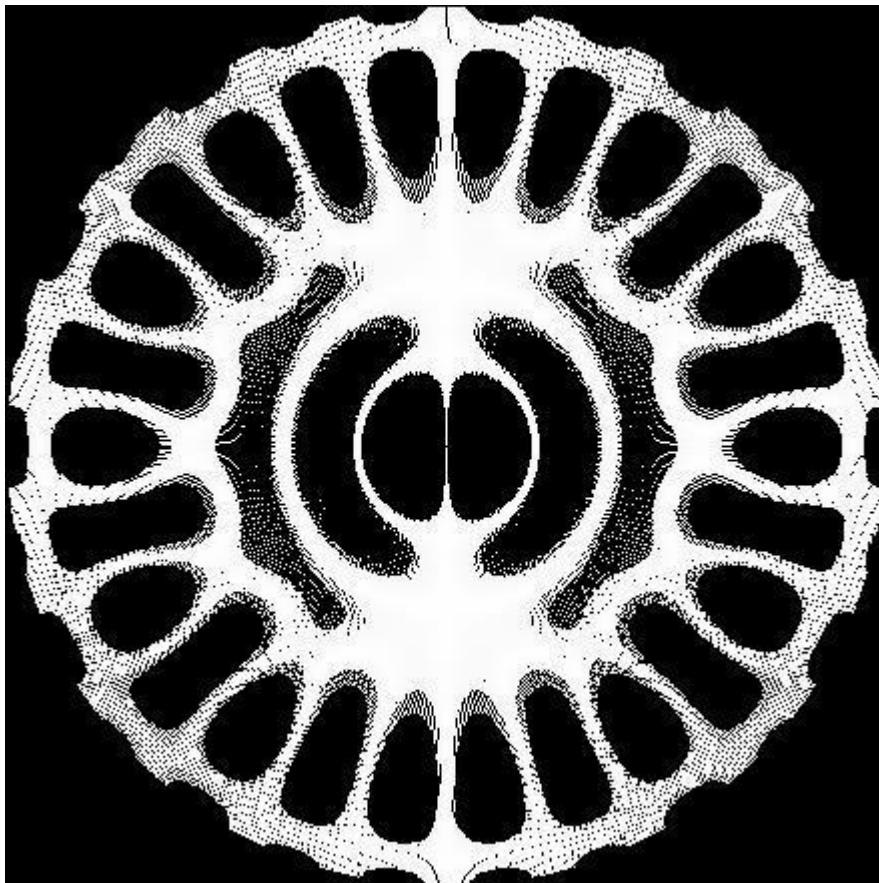


Sol Fig. 3

Tension Value: 12-5

Surface Density: 3-5

This is a more mystical design. It reflects, some type of near-Egyptian like style, with the three prongs north and south, to which is expressed in 32 lines to which are reaching outward, and a large sandy nucleus.

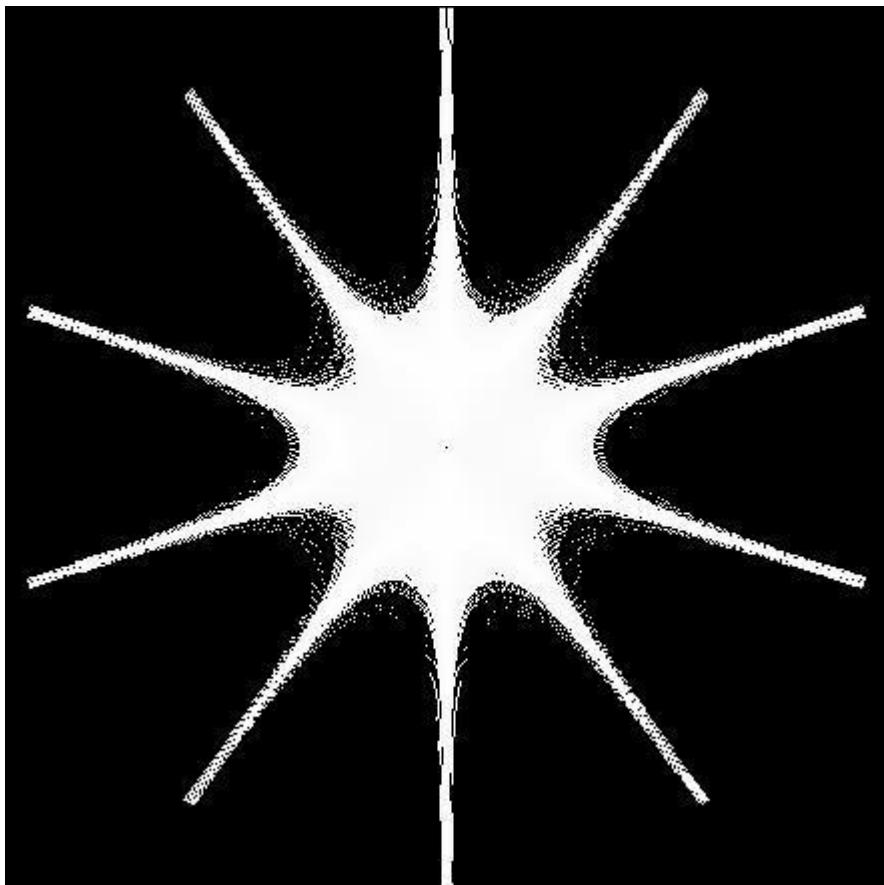


Sol Fig. 4

Tension Value: 13.6

Surface Density: 2.6

A more shell-like design, at similar tension and surface density as with the miracle frequency was shown. *1

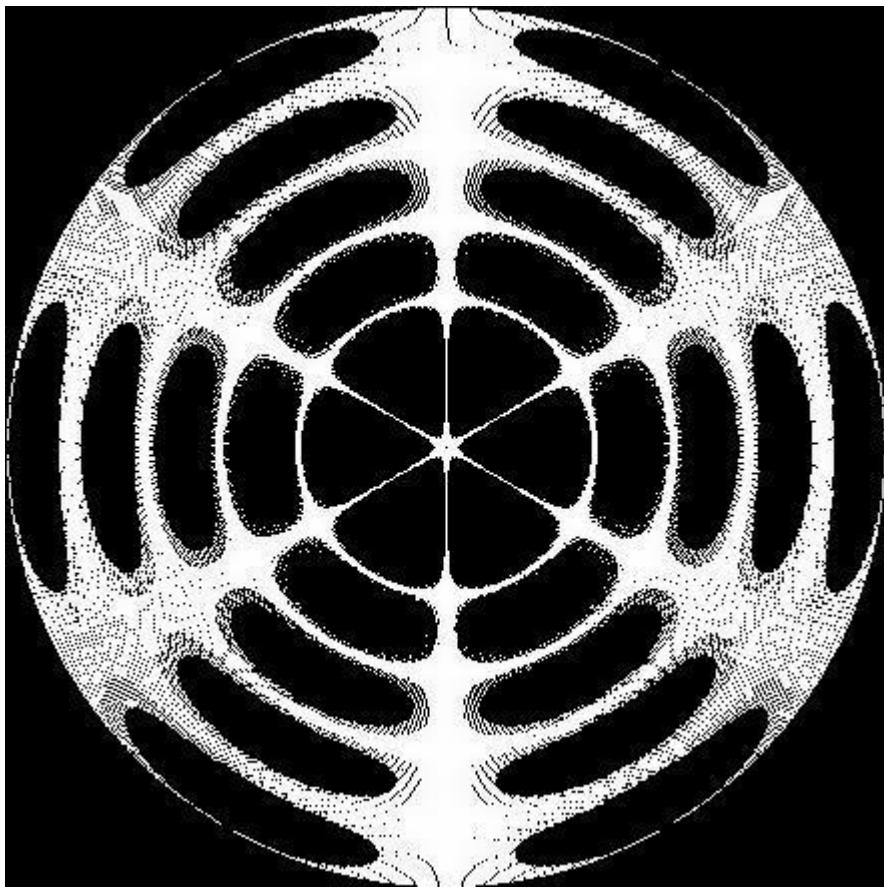


Sol Fig. 5

Tension Value: 17.7

Surface Density: 1.3

This is a very basic Chladni figure, to which were actually generated some centuries ago using a violin bow, by Ernst Chladni, with various other structures that were generated on his plates using light sand. 10 spokes.

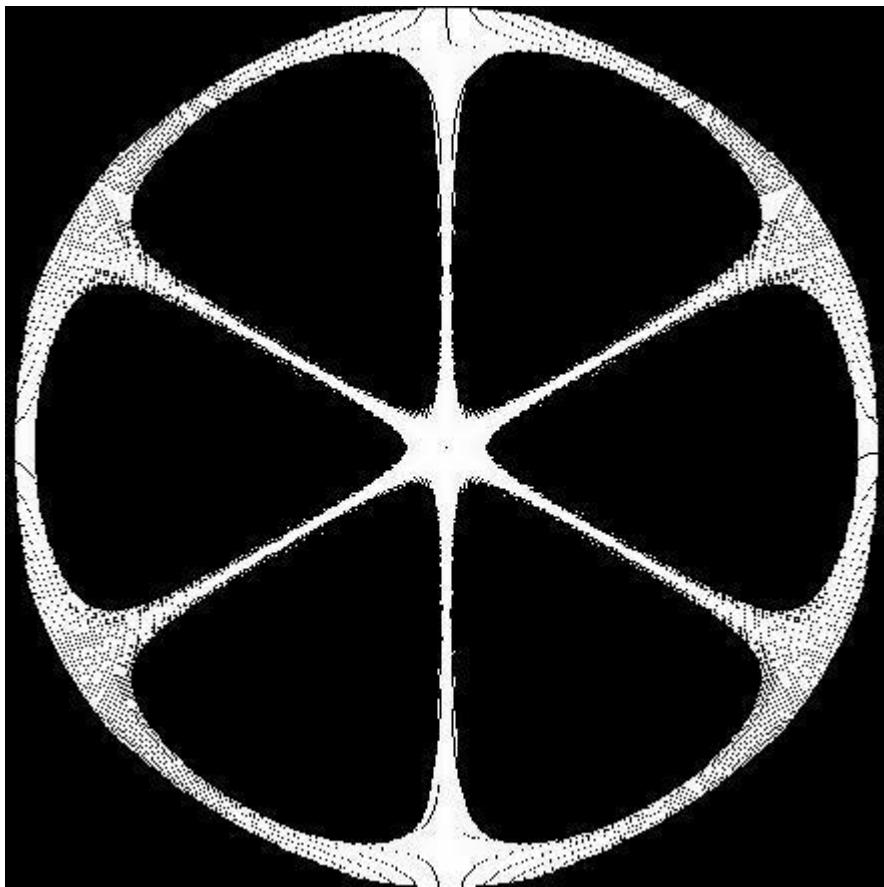


Sol Fig. 6

Tension Value: 22.8

Surface Density: 8.2

The sand is densified here, as with more tension on the plate, and more weight to the light substance. It forms this amazing image, to which seems to reflect so many patterns in nature.

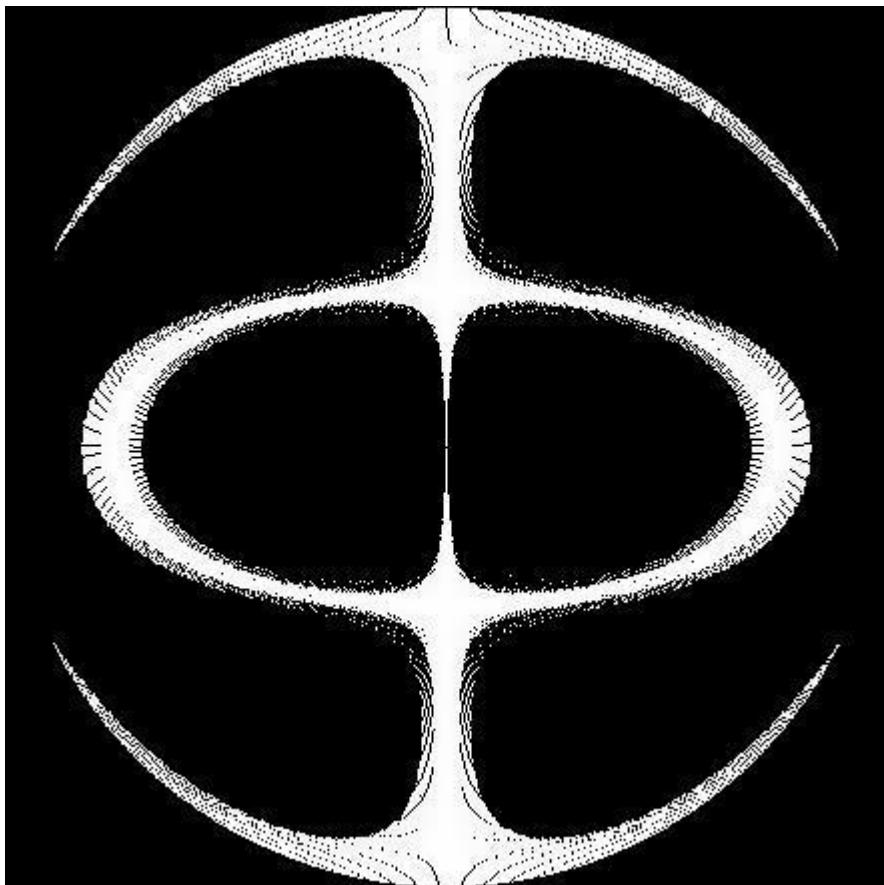


Sol Fig. 7

Tension Value: 39.9

Surface Density: 2.5

The simplicity of this six-celled design might be a basic logos to much that exists in the archetypes, and basic patterns in nature. Through such a basic image, it might be that our cells themselves are suggestively relativistic.



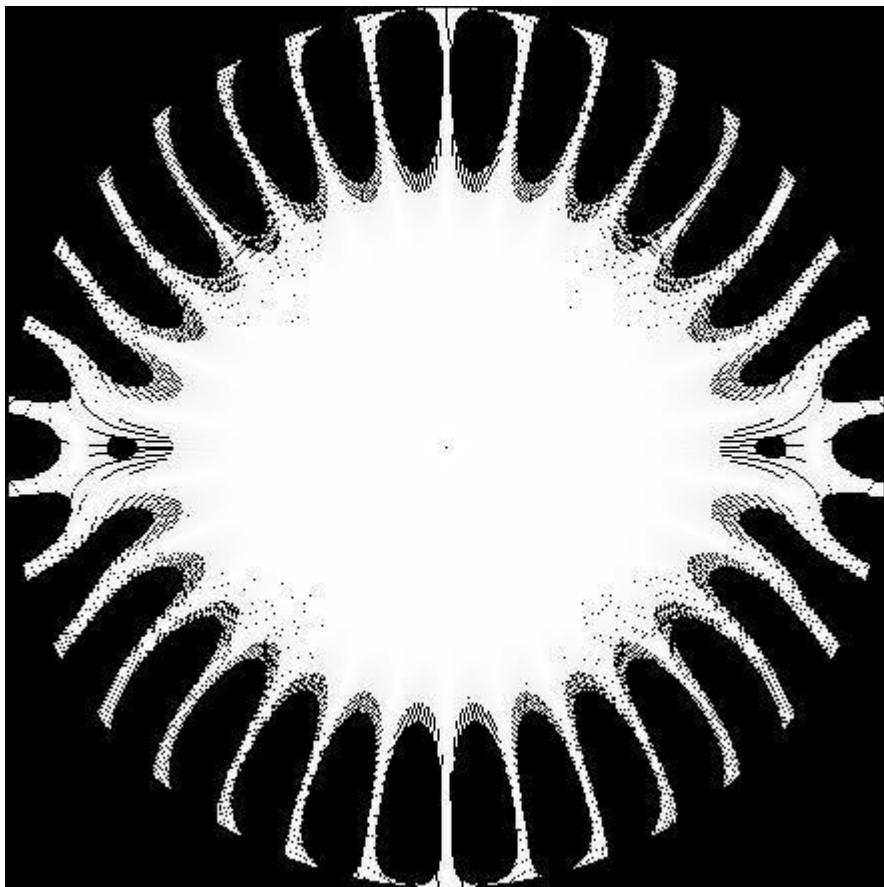
Sol Fig. 8

Tension Value: 46.5

Surface Density: 2.2

A very mysterious symbol as a result of the loose sand around the edge.

417 Hz

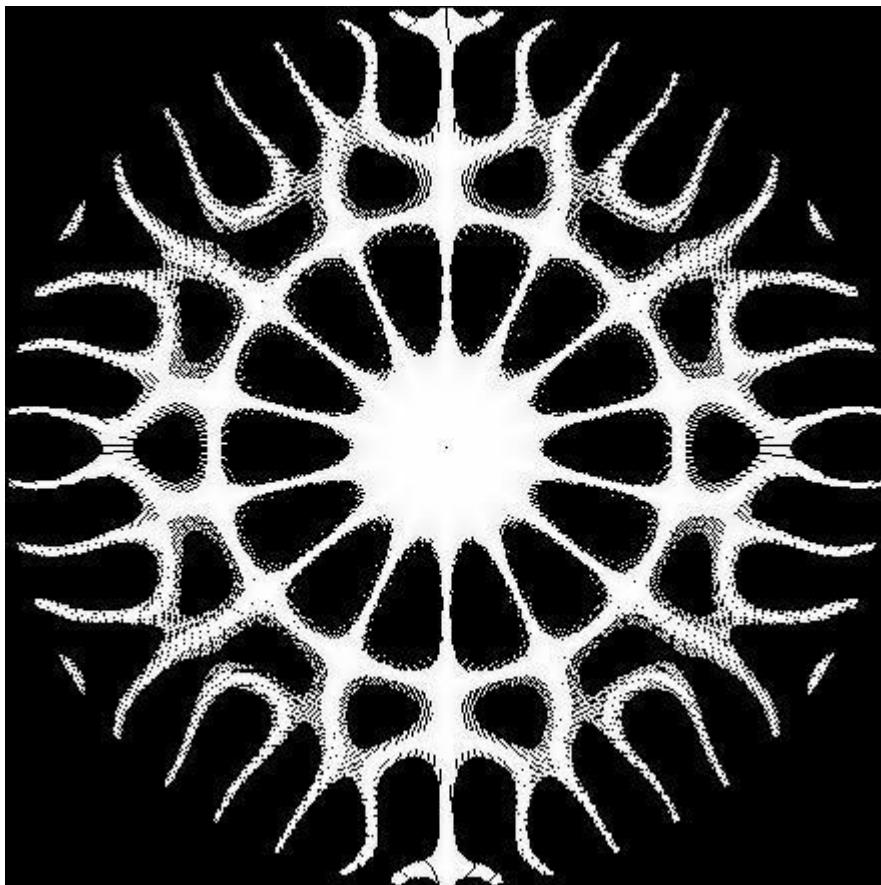


Sol Fig. 9

Tension Value: 8

Surface Density: 2.5

Most of this frequency tend to have the mysterious aquatic sense to them.

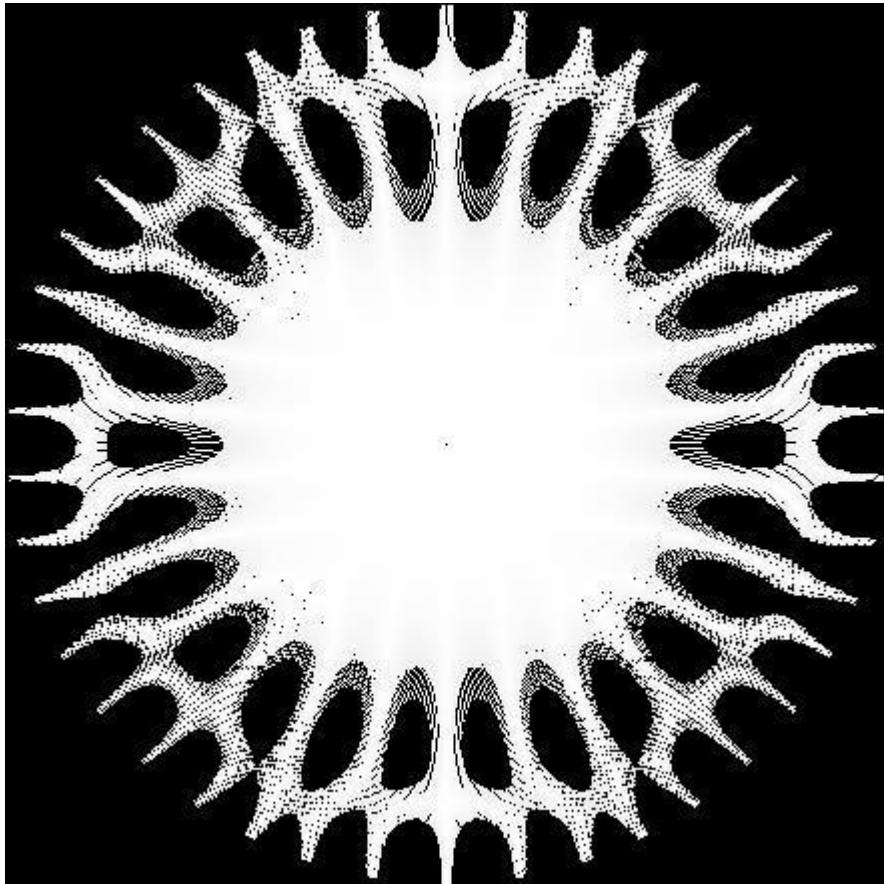


Sol Fig. 10

Tension Value: 10.9

Surface Density: 3.7

I find this symbol very interesting as it contains the spokes, in the middle nucleus, that is a universal, but then the rest of the cymatic is obviously very unique in terms of this frequency. 14 spokes in the middle of this 417 frequency.

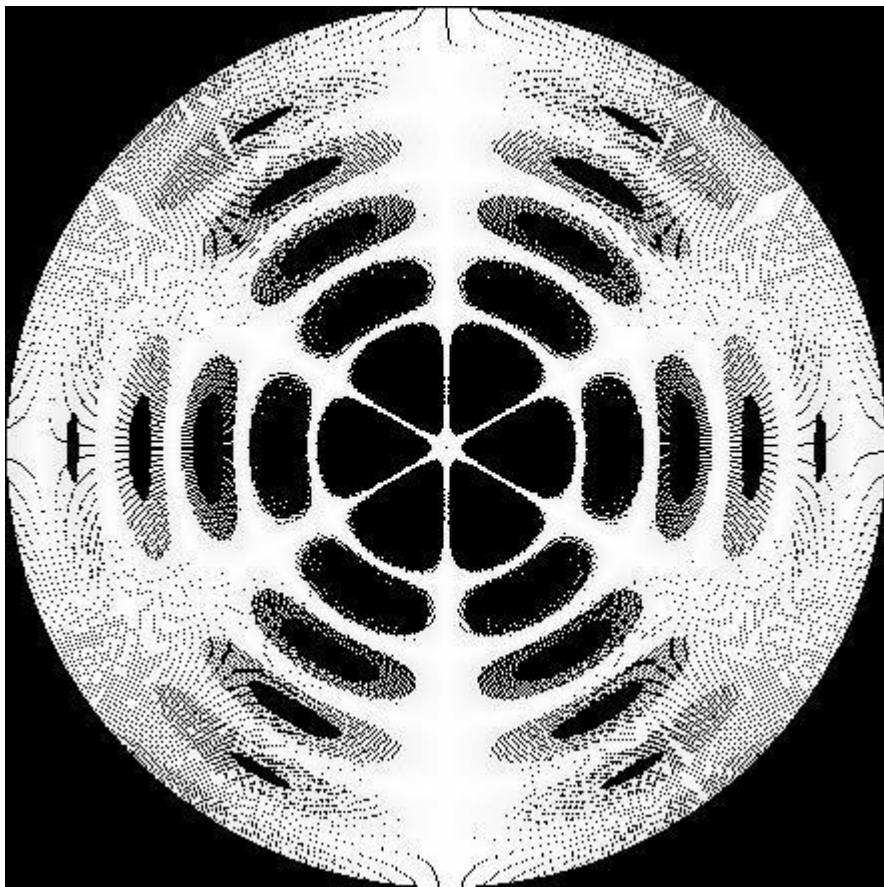


Sol Fig. 11

Tension Value: 11.7

Surface Density: 4

This image is yet another very aquatic-style symbol to me, as it also seems to appear in due reciprocal as the sun, in all resident obviousness.

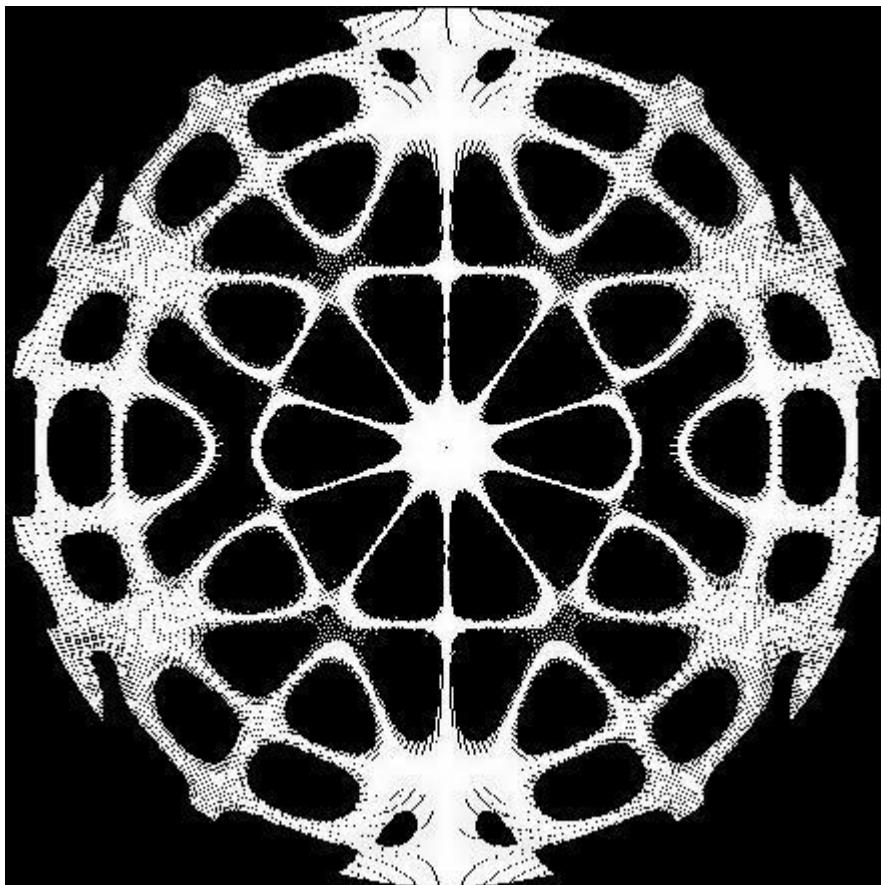


Sol Fig. 12

Tension Value: 26.4

Surface Density: 1.6

22.8, 8.2 are the values of the prior frequency in similitude to this. The image is a cell, a microcosm, such as to express the universal six in nucleus, with emanations of waes coming out from the centre, into the surrounding field.

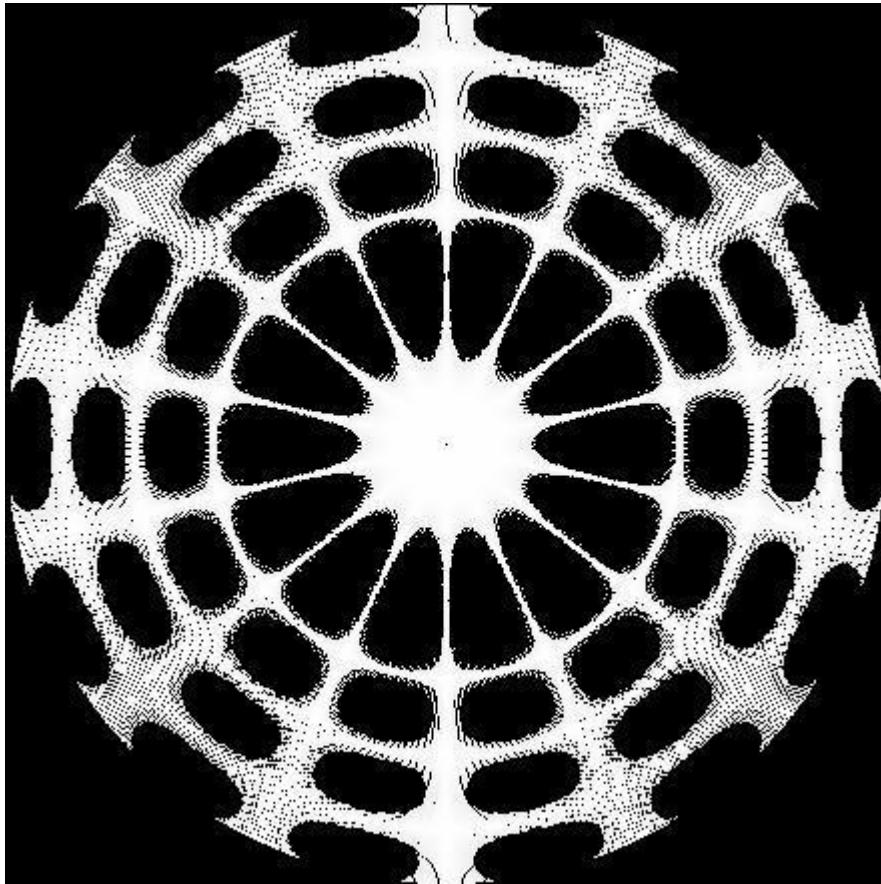


Sol Fig. 13

Tension Value: 33.5

Surface Density: 5.7

With high tension, and light weight on the sand, in the frequency of 417 we see a more beautiful image, that is reflective of some cymatics we have seen appear in water, through physical studies. It is obviously involved in a very connexive, circuitous motion of cells that flow off one another. In adjusting the frequency, cells vary in distance, and motion.



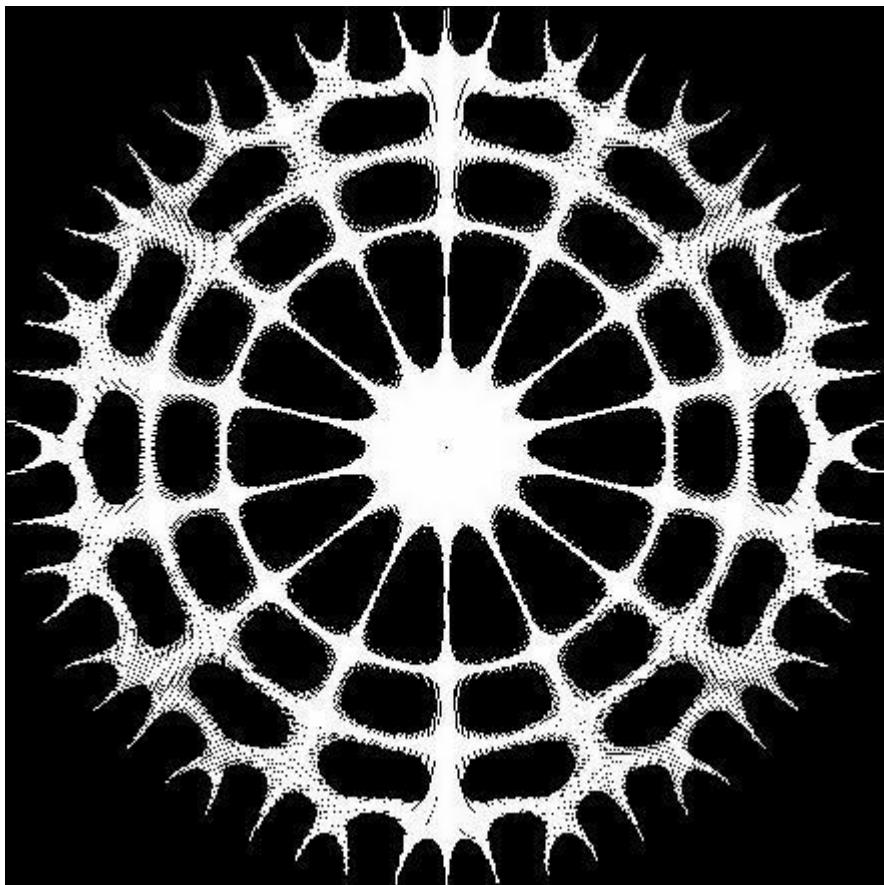
Sol Fig. 14

Tension Value: 40.7

Surface Density: 5.7

More tension, and not far off from the same weight, this image produces a 14-spoke nucleus, with the Chladni star, and, has the gridwork, or grill-like nature in its surrounding circle.

639 hz

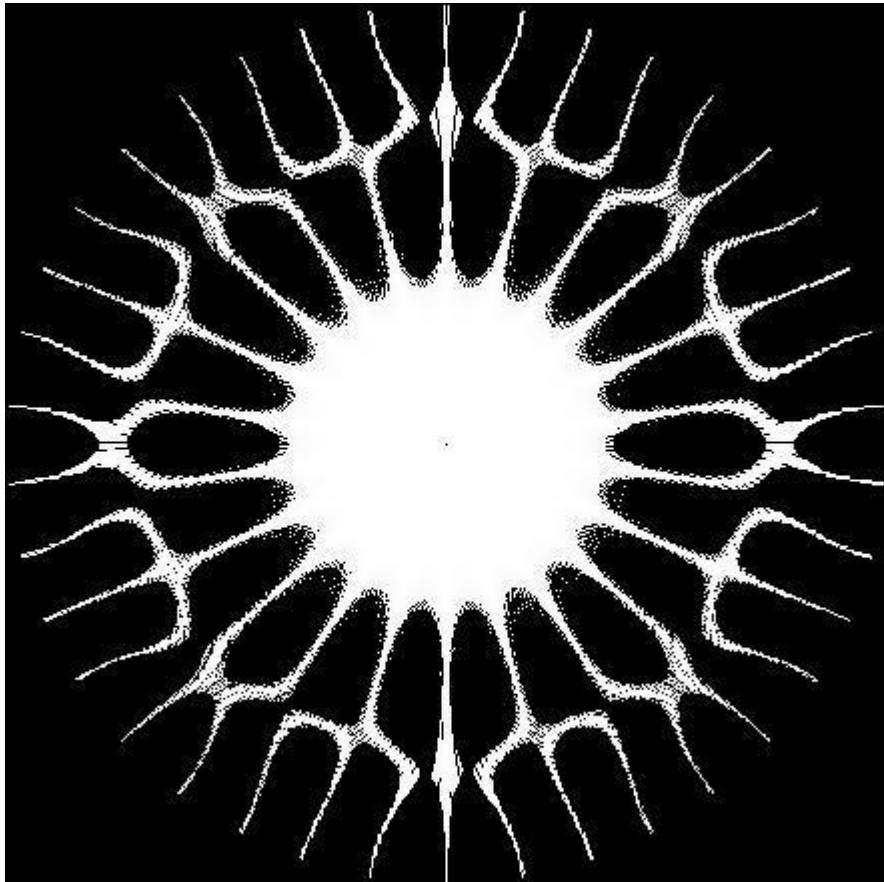


Sol Fig. 15

Tension Value: 4.4

Surface Density: 1.1

A relative image to the frequency of 417, with the 40/5.7, and, expresses the spikes along the edge which give it great uniuety. A rather universal appearing image in the cymatic cloud.

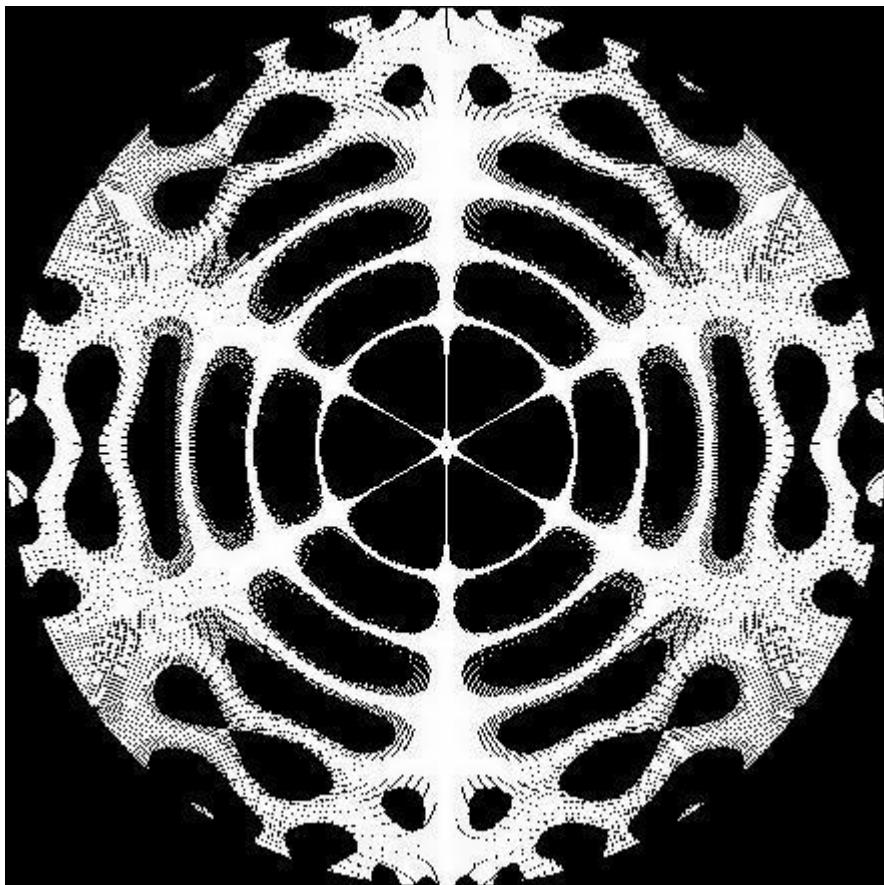


Sol Fig. 16

Tension Value: 14.9

Surface Density: 3

Sceptres, come to mind, with pitch-fork points, to which as they are jutting off from the main centre, express variable patterns in changeful expressions of differing spike differences, and spike motions, with the change of frequency, and properties to sand and surface.

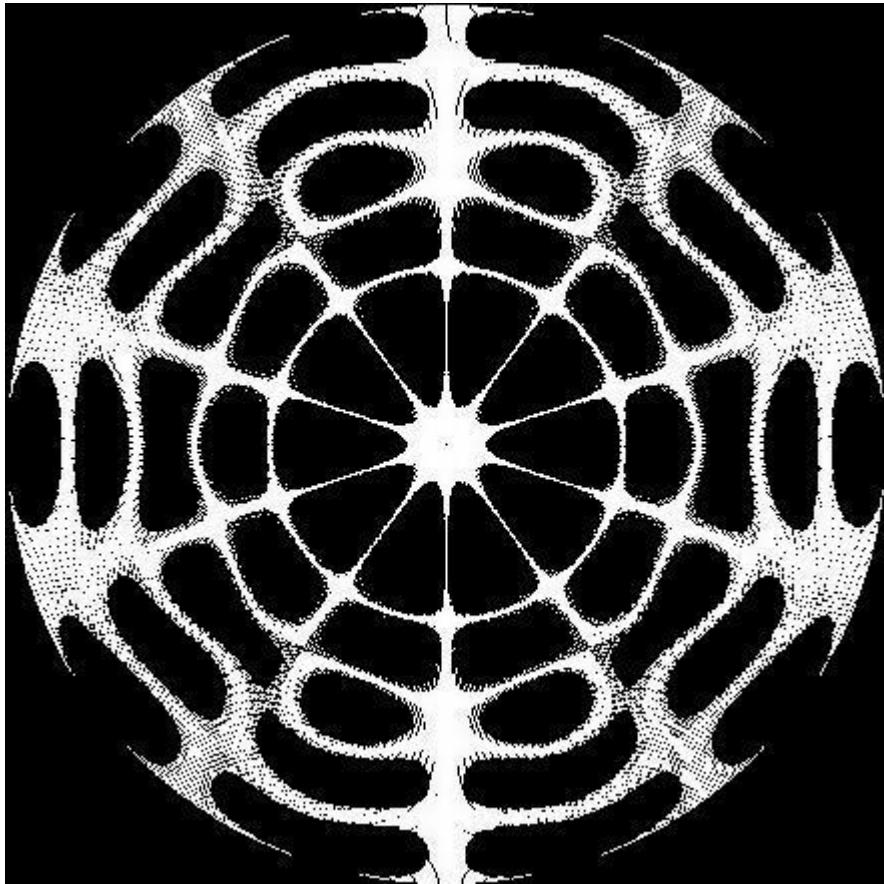


Sol Fig. 17

Tension Value: 16.7

Surface Density: 5.7

This image is becoming universal, as it appears to be a theme in the symbols of the cymatics expressed through various plates. With this type of tension and surface density.

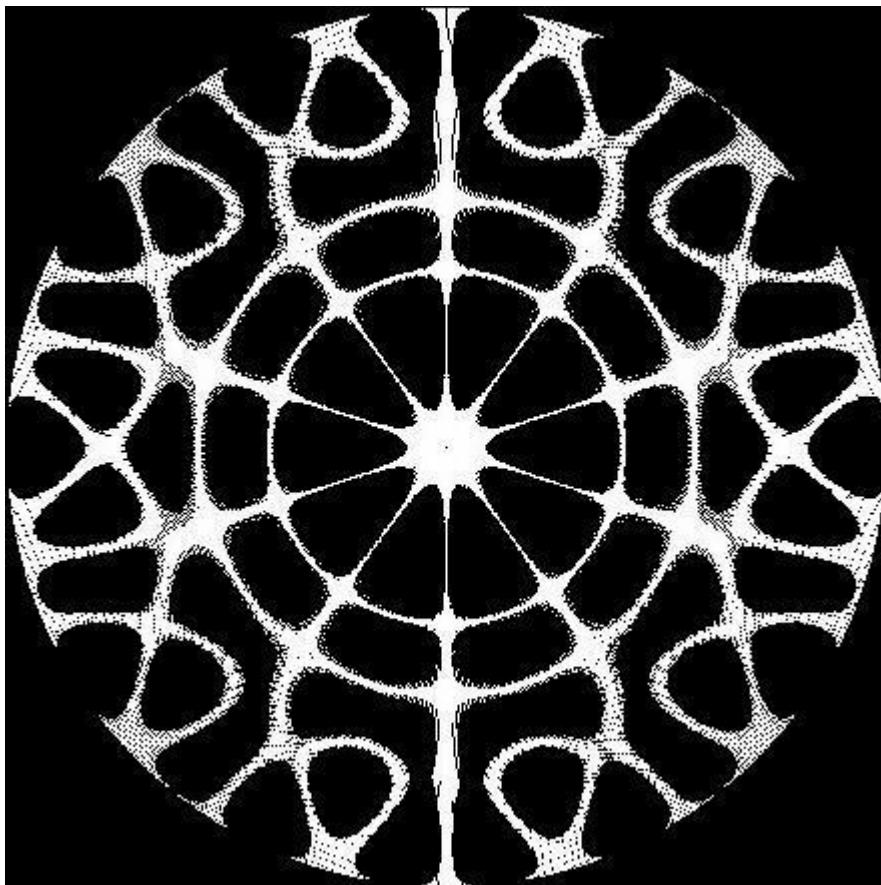


Sol Fig. 18

Tension Value: 21.1

Surface Density: 2.7

Differences in variables provide a new shape. The image is expressed in terms of ten inner spokes, with ten waves of emanation.

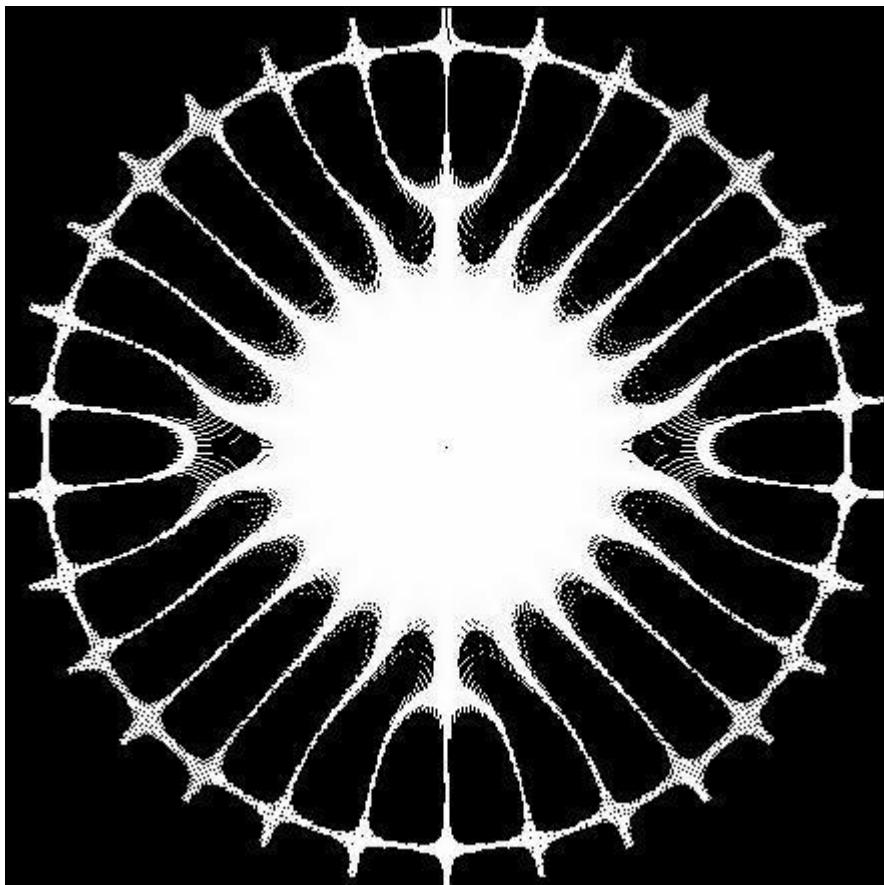


Sol Fig. 19

Tension Value: 21.1

Surface Density: 3.4

A very interesting design, as it is celled with the double-circle in the centre, and expresses a great deal of uniqueness. Design has universality in centre, and uniqueness at the apogee.



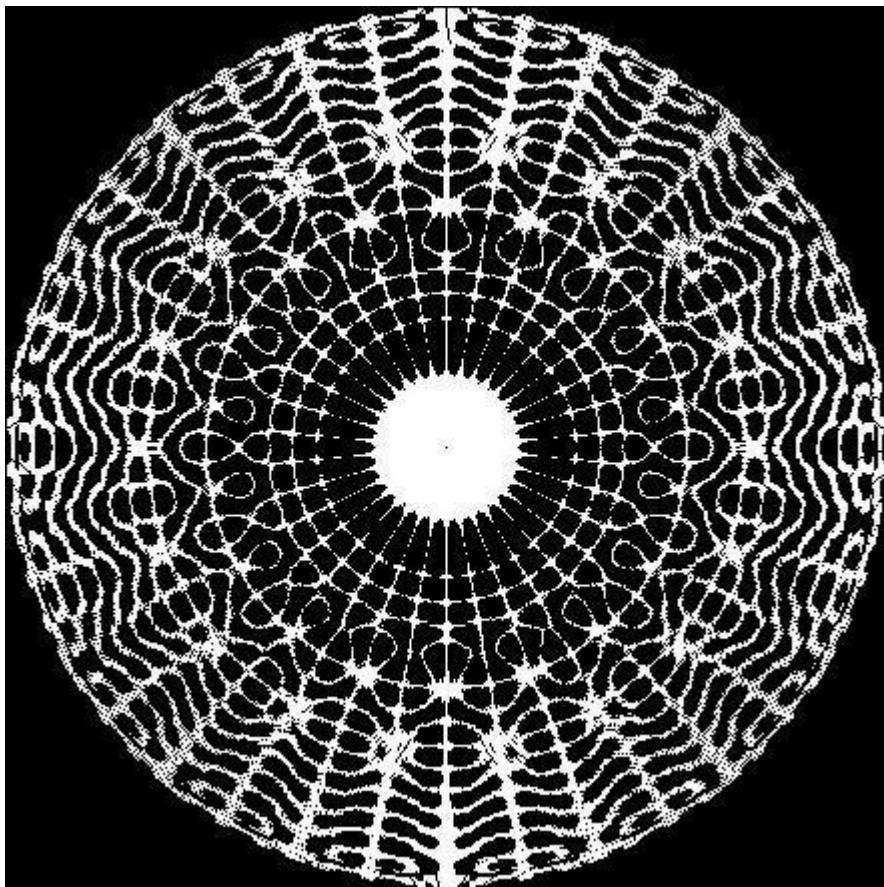
Sol Fig. 20

Tension Value: 21.4

Surface Density: 3.7

More aquatic in style this design is expressed in terms of the curved inner spokes due to tension, spikes along edge, and a great deal of sand in the centre.

741 hz

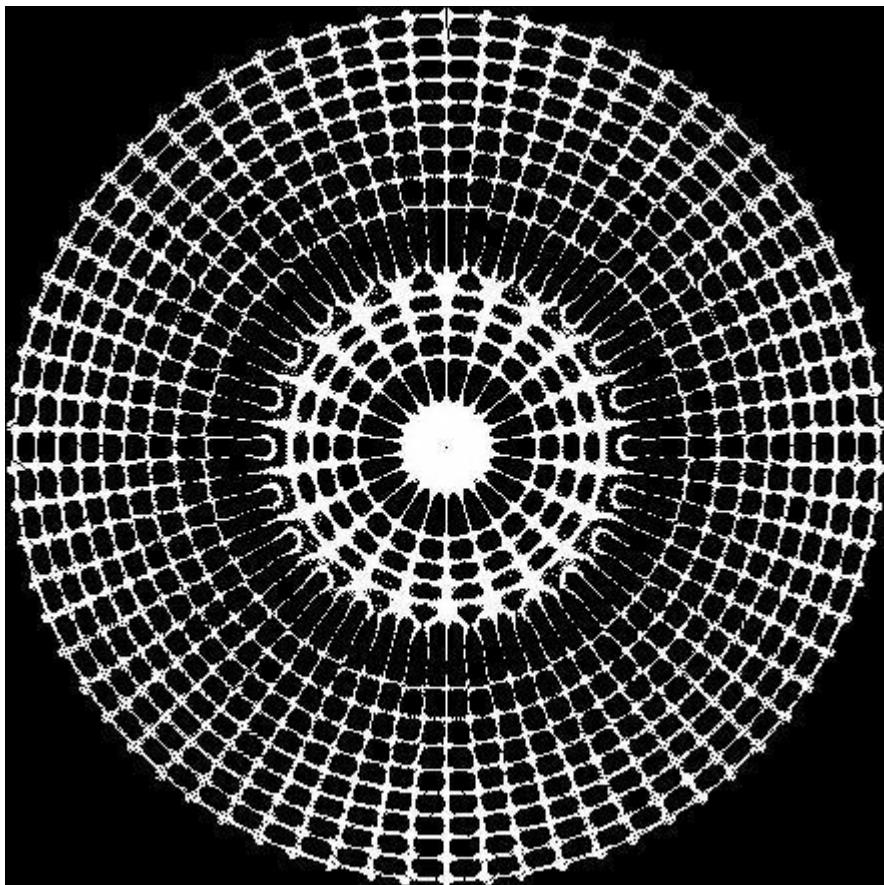


Sol Fig. 21

Tension Value: 5.6

Surface Density: 2.1

The designs getting more intricate as the frequency increases; provide a great deal of complexity now as they are provident in suggesting some patterns which we have seen (now) universally through cymatics. This diatom, is an image that recurs with the 741 frequency.

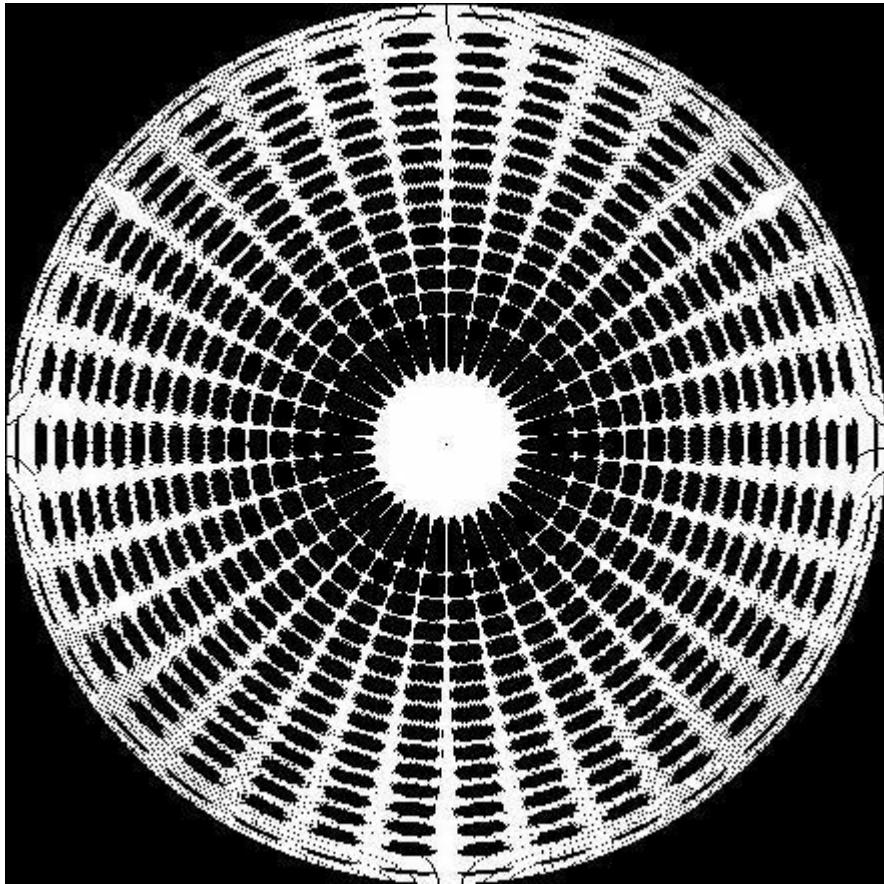


Sol Fig. 22

Tension Value: 10.3

Surface Density: 3

A more pure, and beautiful form than the previous in basic properties, to which has expressed a real brilliant pattern in the centre, to which has the grill edge, such as to provide many cells, and, obviously, a lot of sonic to sand affectation.

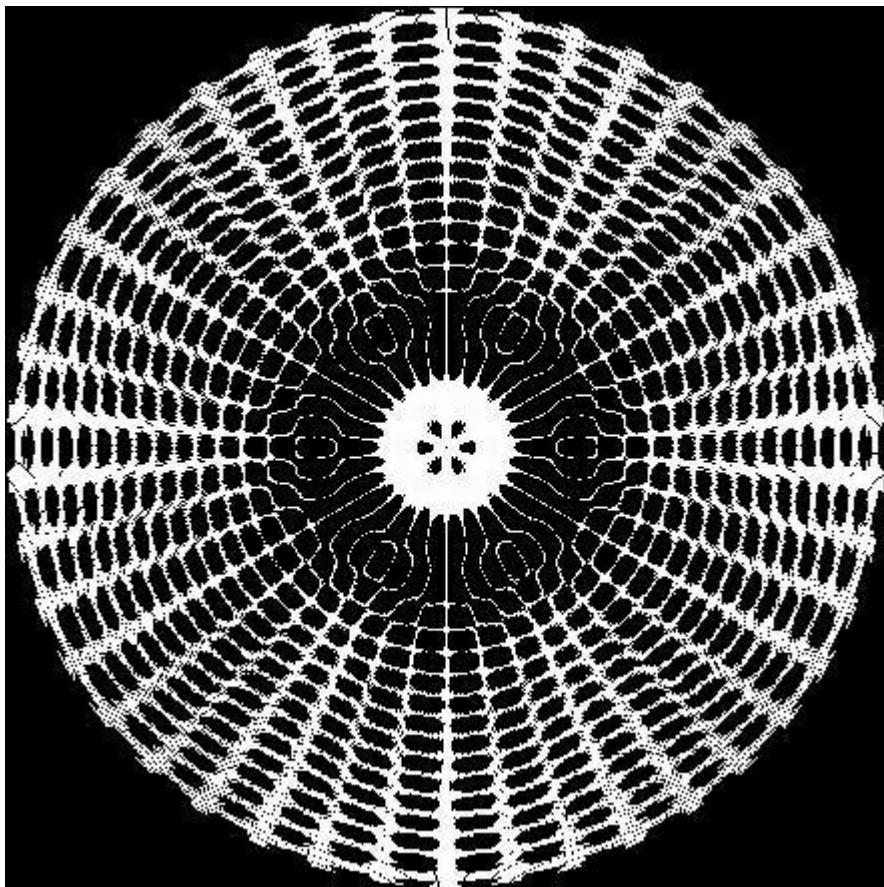


Sol Fig. 23

Tension Value: 13.6

Surface Density: 3.1

With this frequency, the tendency (it would seem) is that properties are more limited, but the shape occurring is mostly universal to this honeycomb matrix.

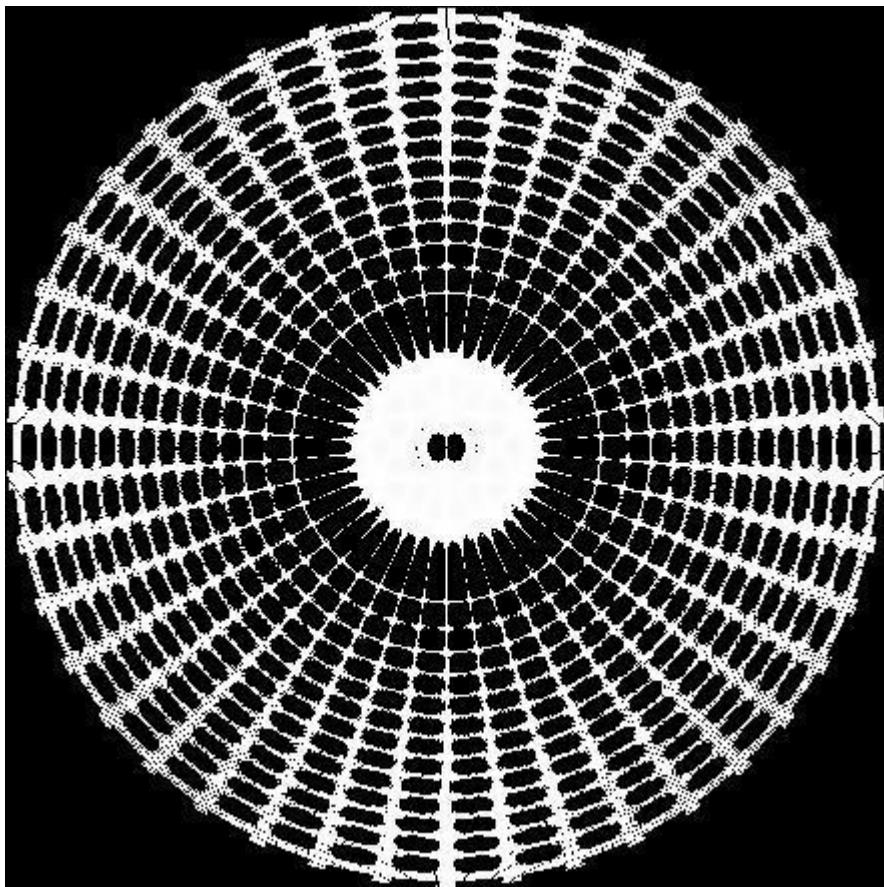


Sol Fig. 24

Tension Value: 17.2

Surface Density: 2.9

See ripples in the centre. Image is actually occurred many times in other cymatic designs, from the tonoscope, to actual physical sand, in many experiments pictured throughout the internet.

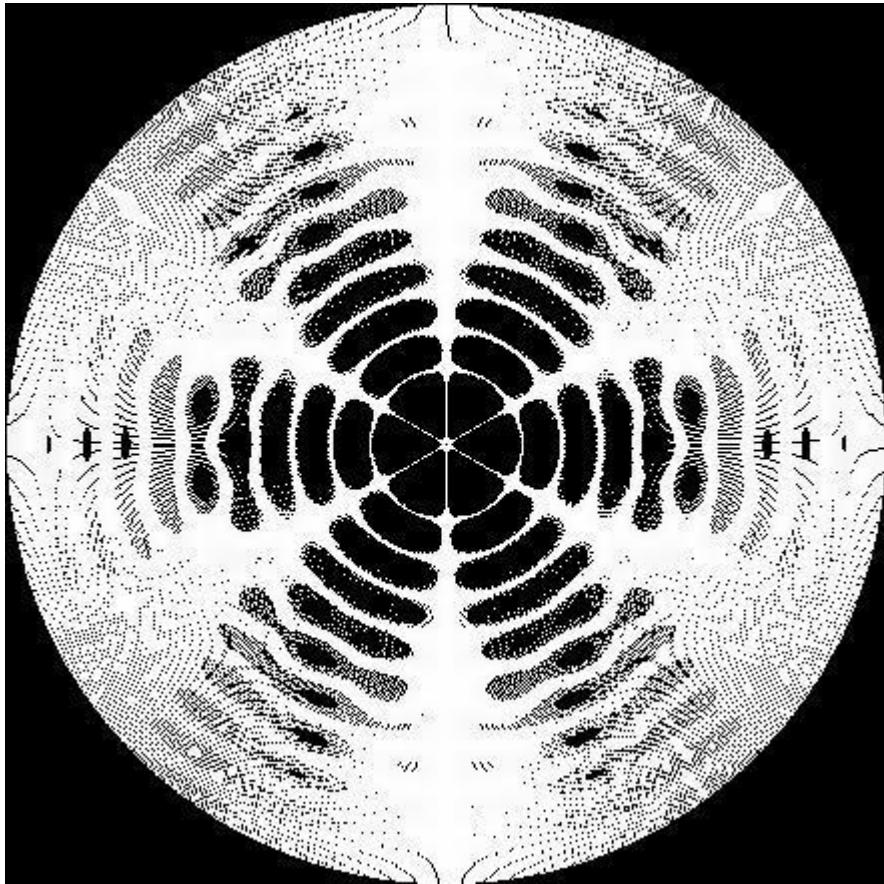


Sol Fig. 25

Tension Value: 17.6

Surface Density: 2.9

The more pure, absolute, and universal diatom.

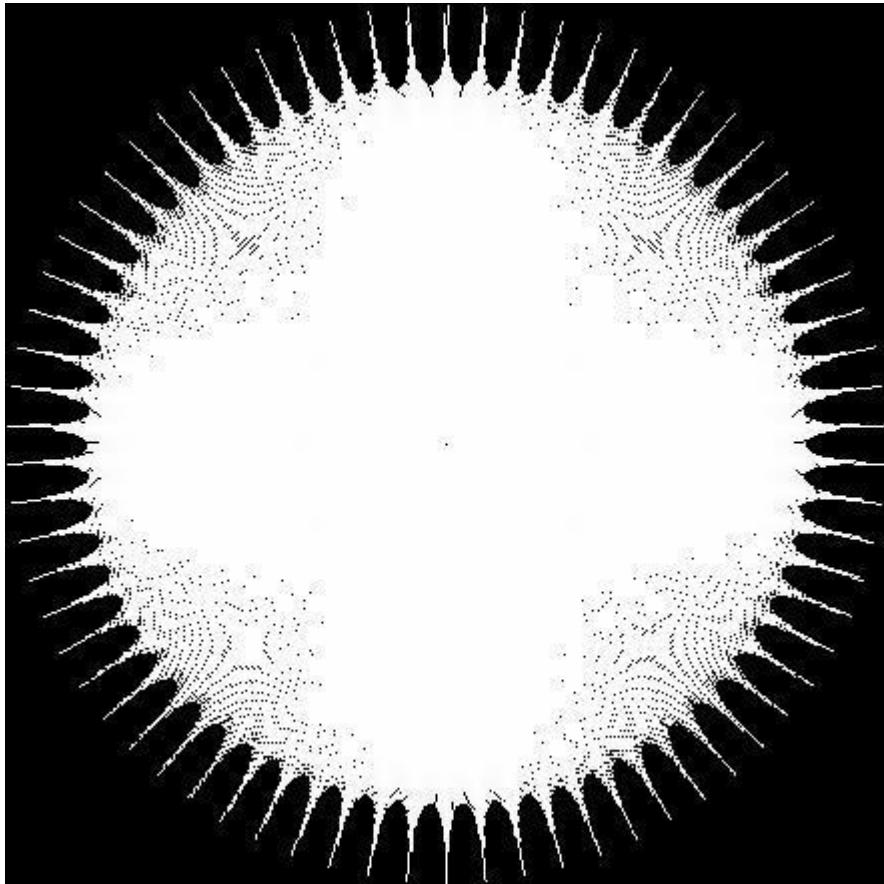


Sol Fig. 26

Tension Value: 33.5

Surface Density: 4.4

Now, as the frequency has increased, the sand is covering the plate, and has stretched to express less space in between the cells, to which are all based off the basic universal figure in the centre; as this appears a circular emanation.

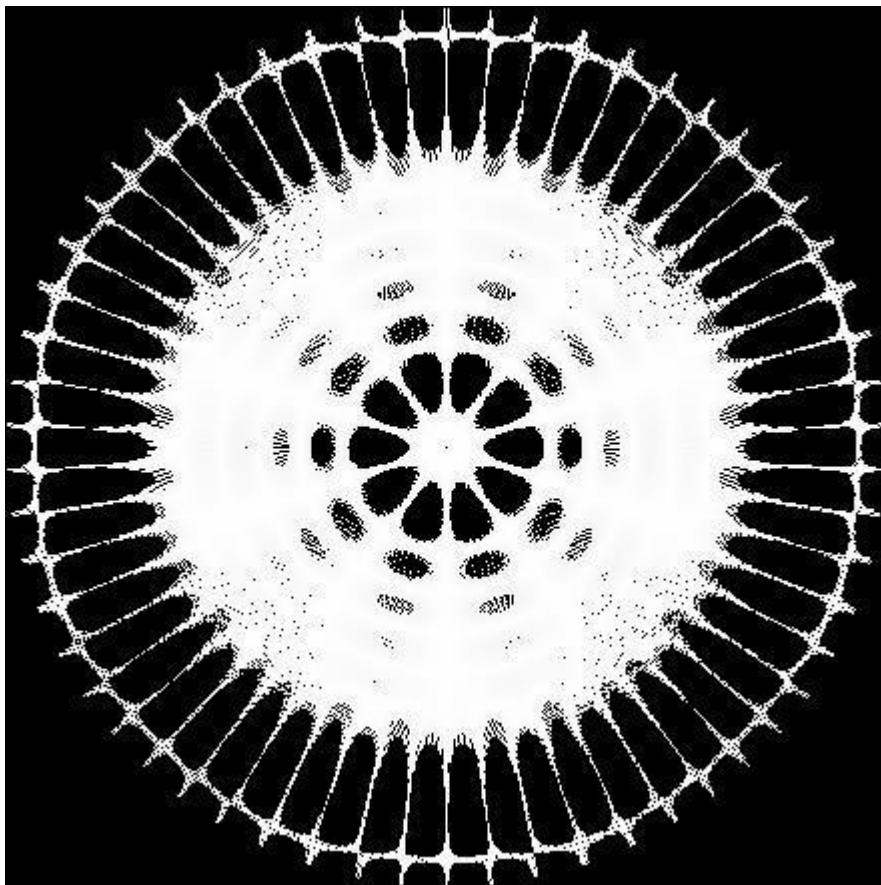


Sol Fig. 27

Tension Value: 5.5

Surface Density: 1.4

Solfeggio frequency 852 provides more thick figures, as we see a very sunlike pattern here with many spikes.

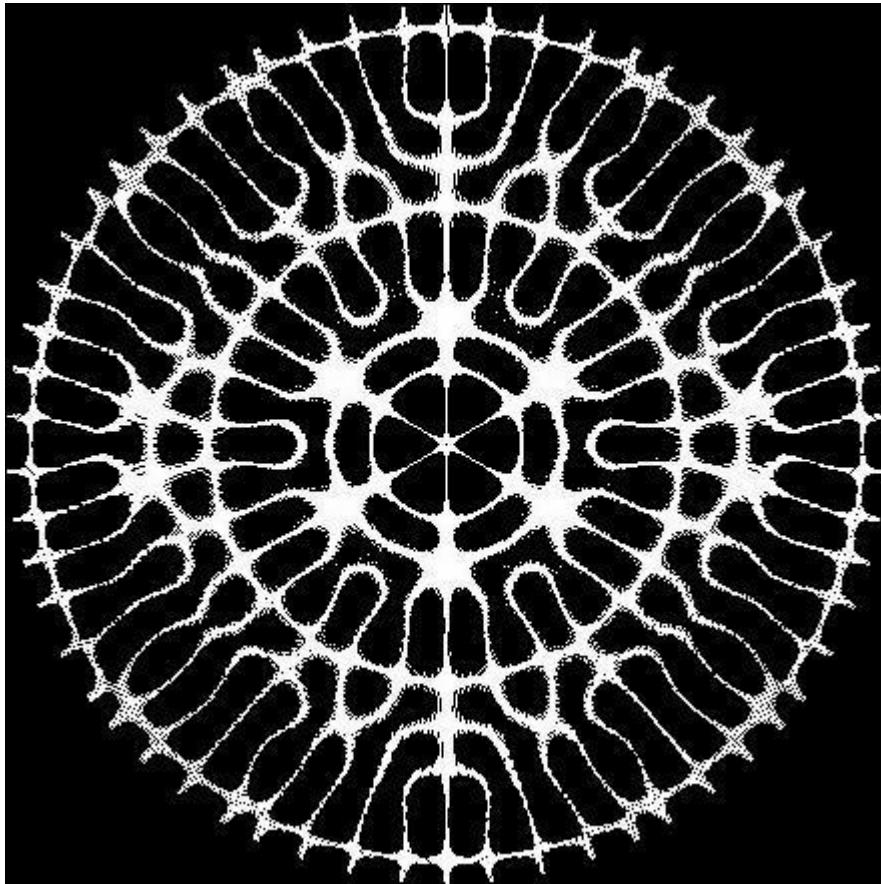


Sol Fig. 28

Tension Value: 7.4

Surface Density: 2.8

An imperfect circle, with spokes inside the outer edge, to which has expressed the universal in the centre, as typical, with the change in sand spread to which is being distributed across the nucleus, in less concentration. This image is interesting because it is not a perfect circle, but the plate suggests it might be the one of the best cymatic designs for this frequency.

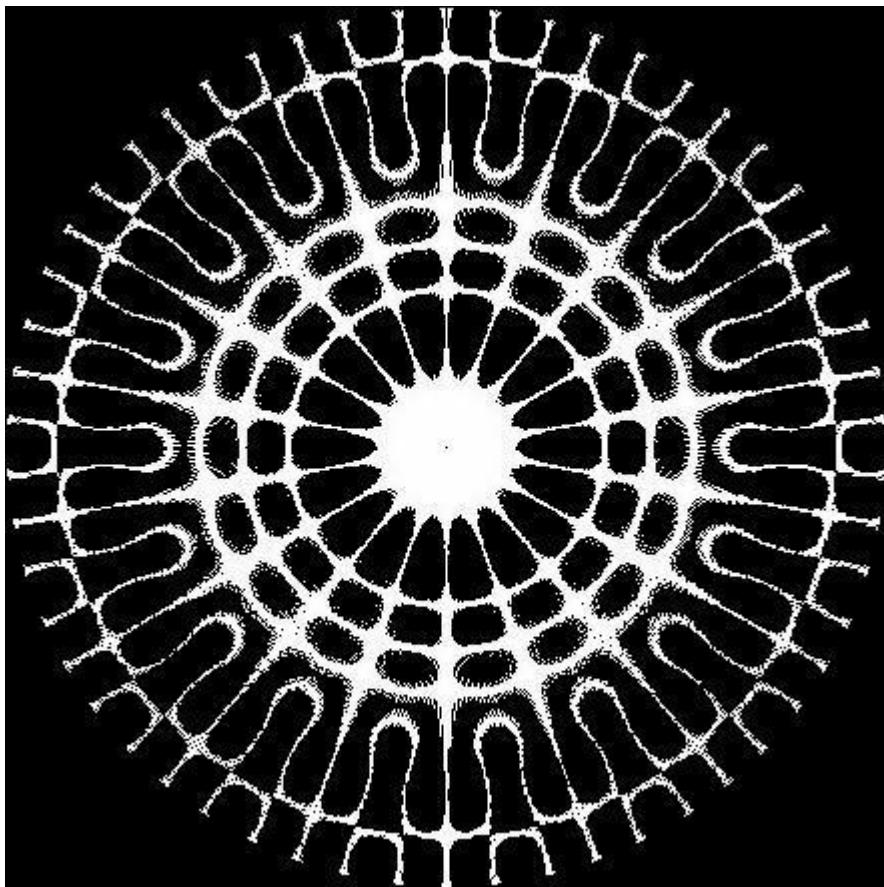


Sol Fig. 29

Tension Value: 12.1

Surface Density: 2.4

This intricate and beautiful design is with similarity to Fig. 21 but with less complexity in site of increased variables, the pattern is basic and yet complex to which expresses a lot of different unique symbols within it.

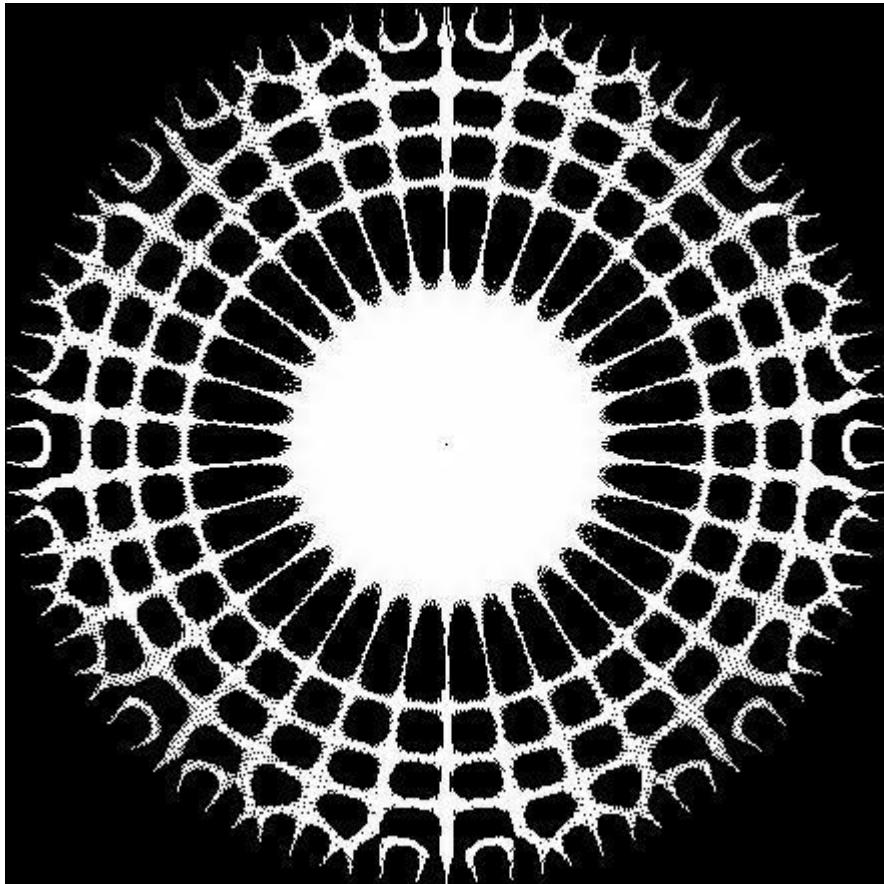


Sol Fig. 30

Tension Value: 17

Surface Density: 3.3

This must be something, as it appears almost instantly to have a unique effect, such as the outer edge, the imperfect waves inside the outer edge, the grills, spokes, and nucleus, all seem to present a beautiful symmetrical design.

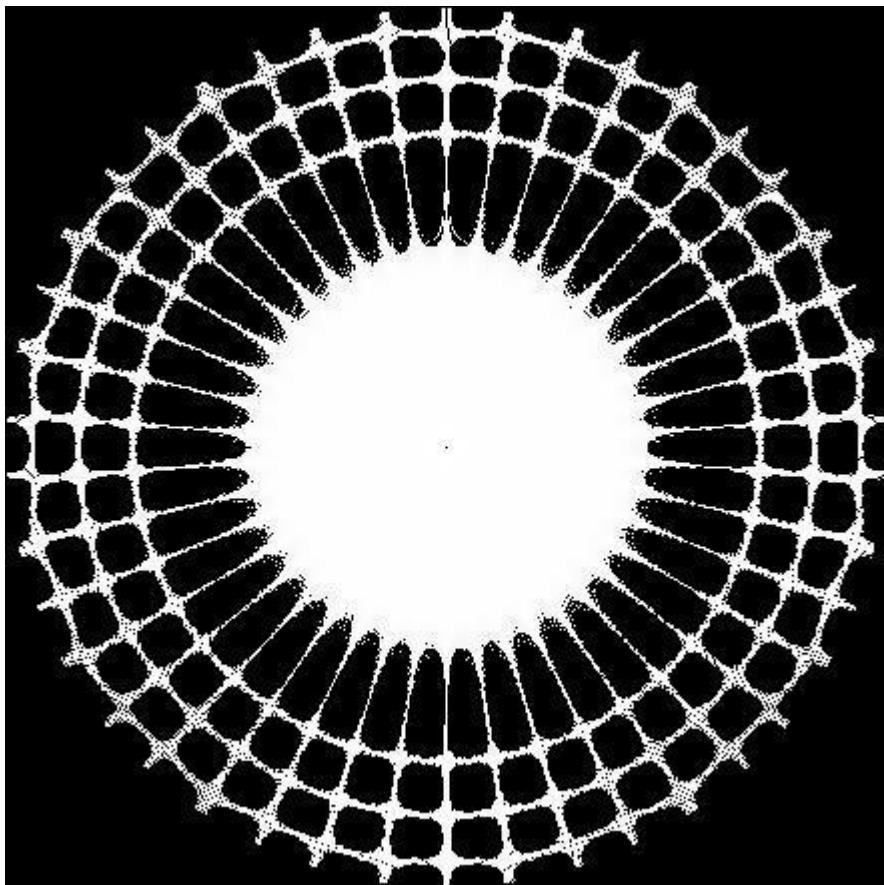


Sol Fig. 31

Tension Value: 17.7

Surface Density: 5.6

More unique, as this has the spikes, this design provides the many-spoked centre, as it is expressed with the outer grill.

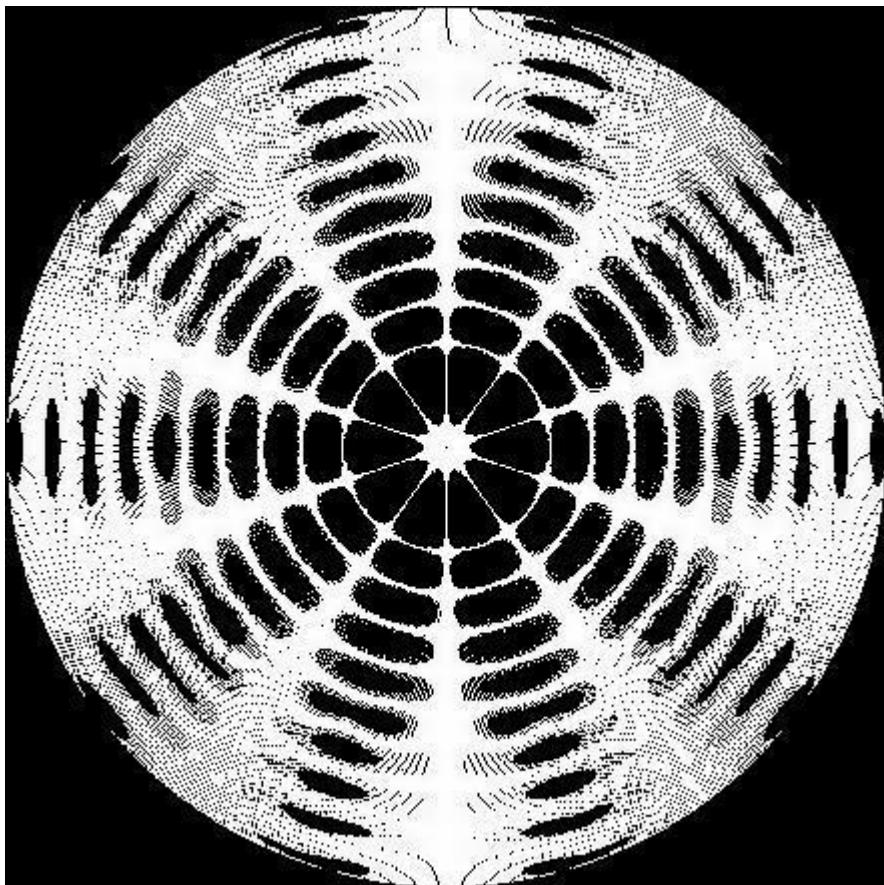


Sol Fig. 32

Tension Value: 18

Surface Density: 5.3

The more basic, and essential design as we see occurring throughout these plates. This pattern is a universal, and occurs perhaps in nature as the science, and study of Cymatics will only continue to improve and advance.

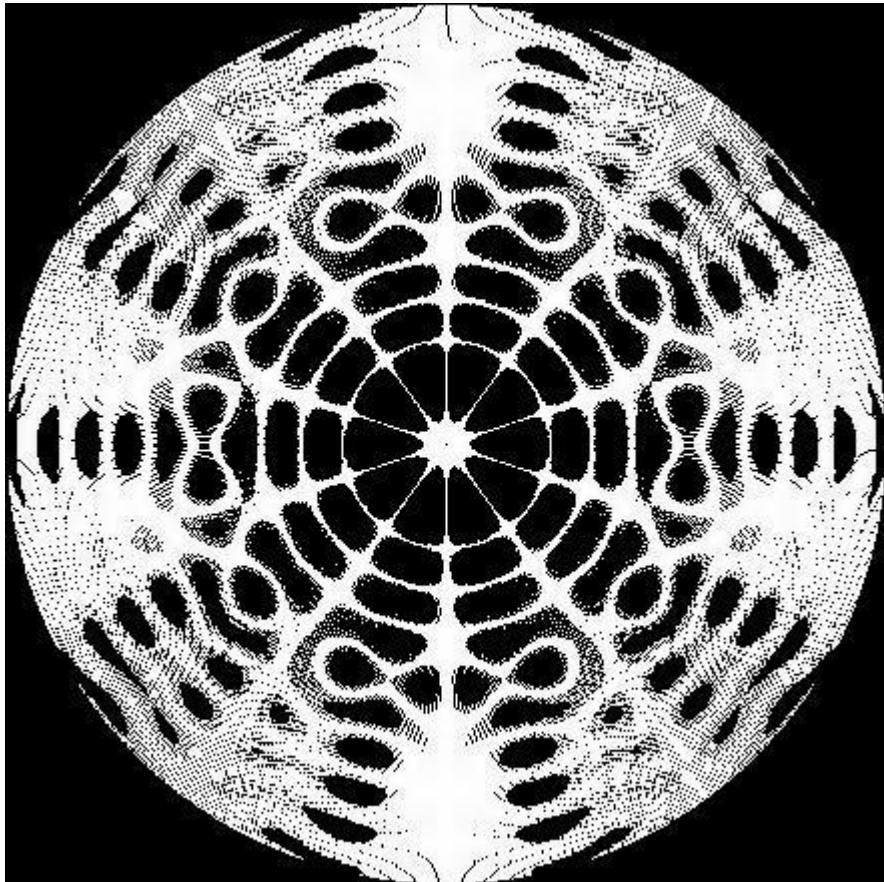


Sol Fig. 33

Tension Value: 19.4

Surface Density: 3.1

Now we have seen this in figures 6, 12, 17, 26 . It is a likely powerful one, as this is the highest of the solfeggio frequencies, and is associated with spirit, and actualization into spiritual order.

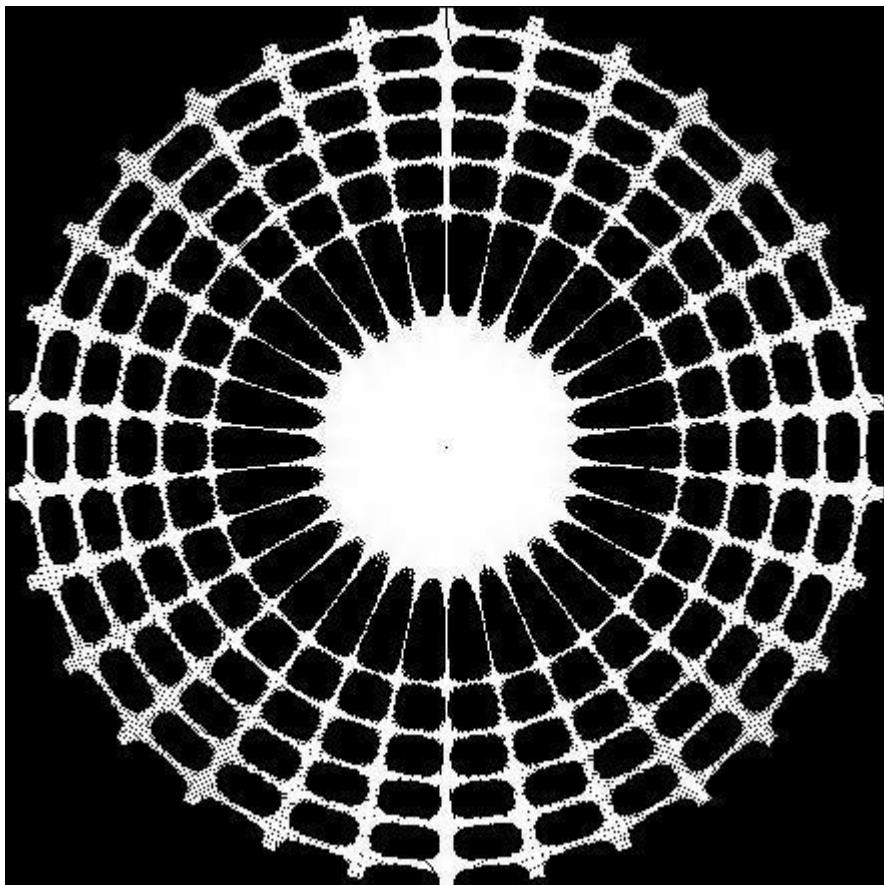


Sol Fig. 34

Tension Value: 26.5

Surface Density: 3.6

The interest here is provided in unqiety, as the shape is patterned to express a great deal of variety in the radius, to which there is the figure eight contained, and similar emanations as seen with the previous image, Fig 33.

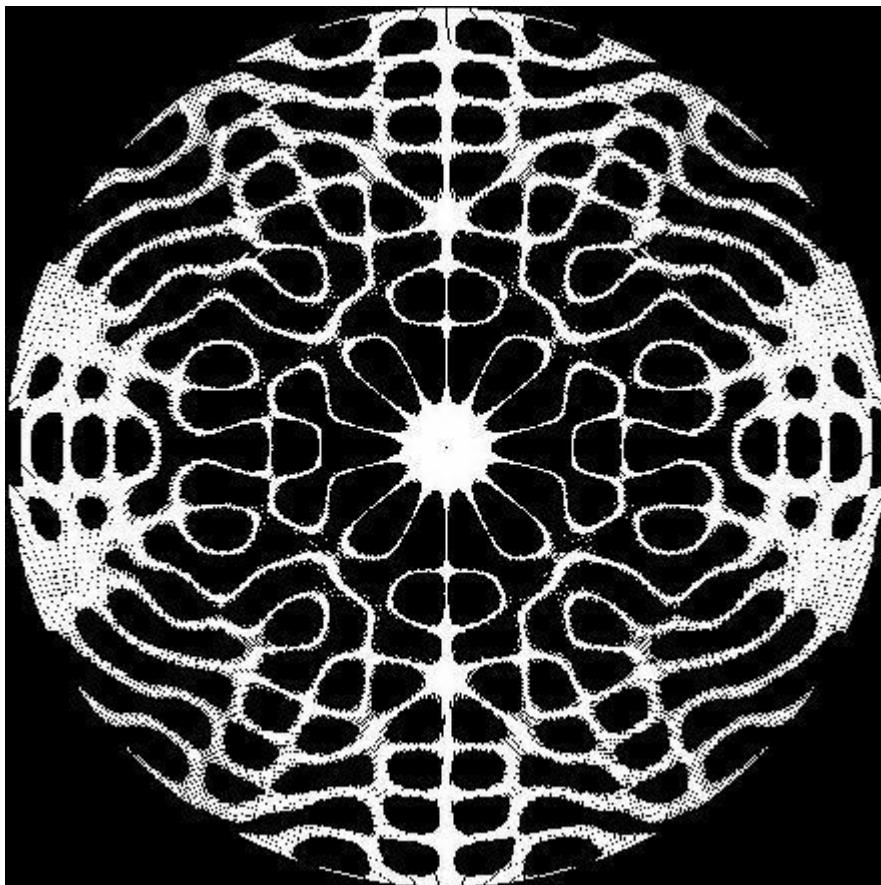


Sol Fig. 35

Tension Value: 27.6

Surface Density: 3.3

Resident universal pattern, expresses star in centre, and grill on outside.

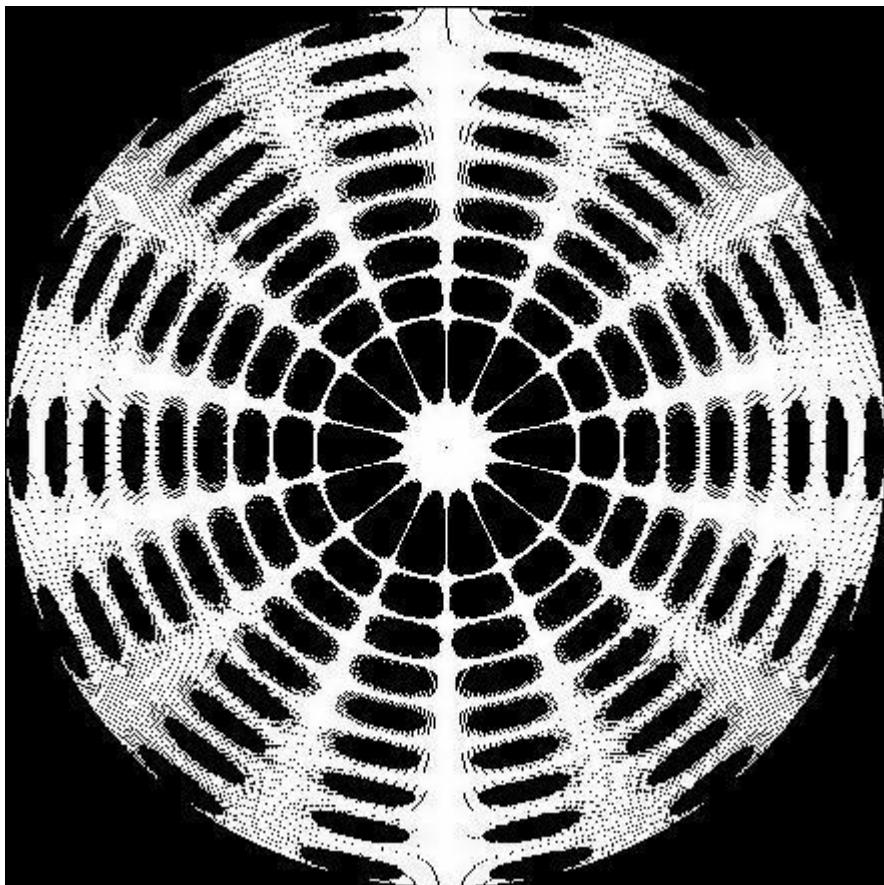


Sol Fig. 36

Tension Value: 33

Surface Density: 4.6

The concept of sound being the producer of this image ought to have an interesting effect on the subconscious mind, as it appears so wavy, and provident in so many differing patterns throughout this (observe the N, E, S, W, edges) – and, see that all is contained in a frenzy, of symmetrical order.



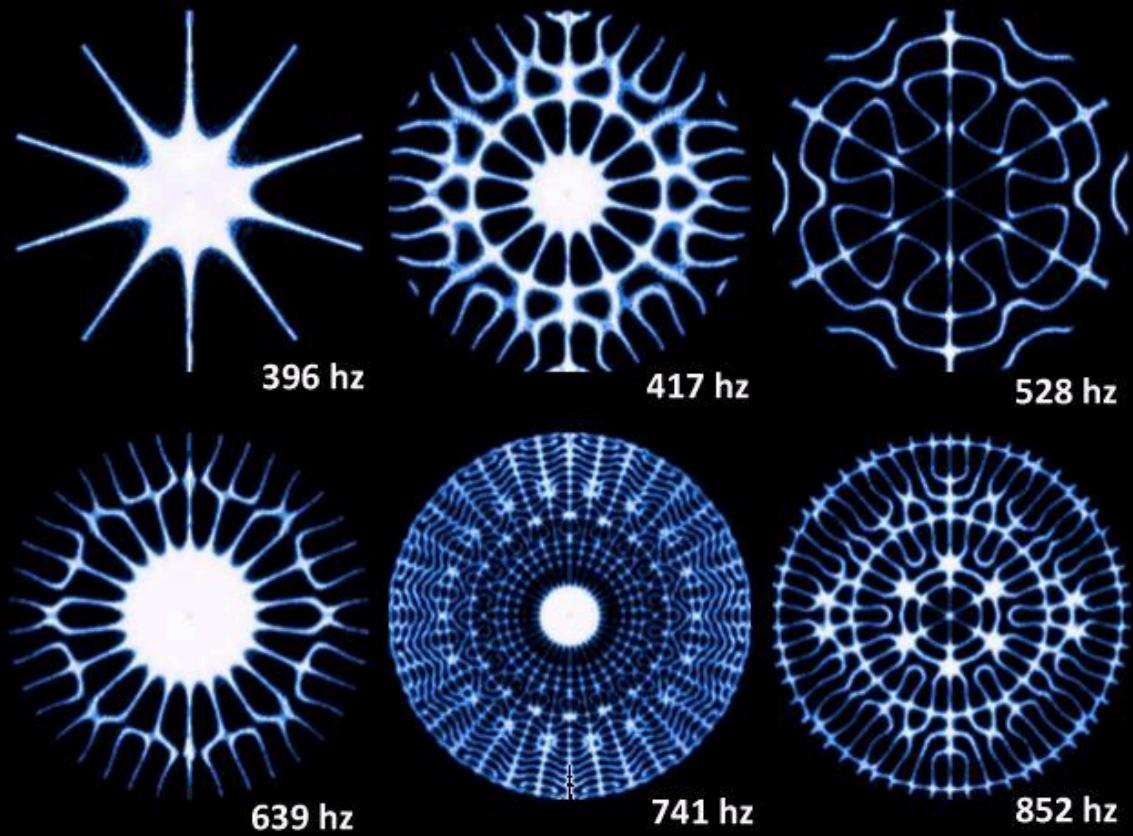
Sol Fig. 37

Tension Value: 47

Surface Density: 3.2

Resident; universal image expressed throughout these plates, but with some perfectual symmetry, and a great deal of power in the centre, as all is yet expressed emanating from the order of the pattern that exists in nature.

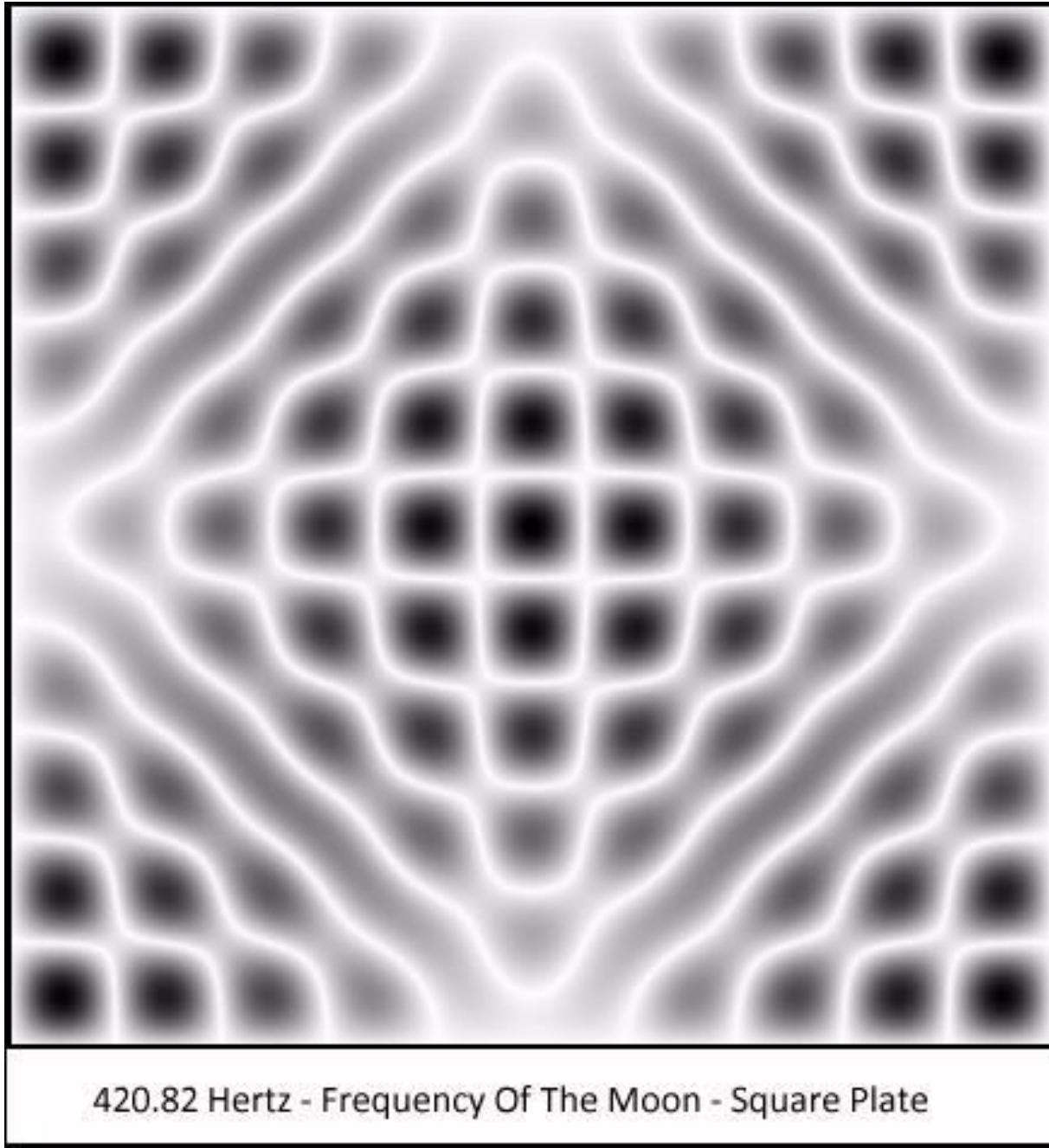
Solfeggio Frequency Chladni Tonoscope Plates



Some of the most commonly occurring patterns for these frequencies.

Having looked at these, I am intrigued to study further now, as to the effect induced by

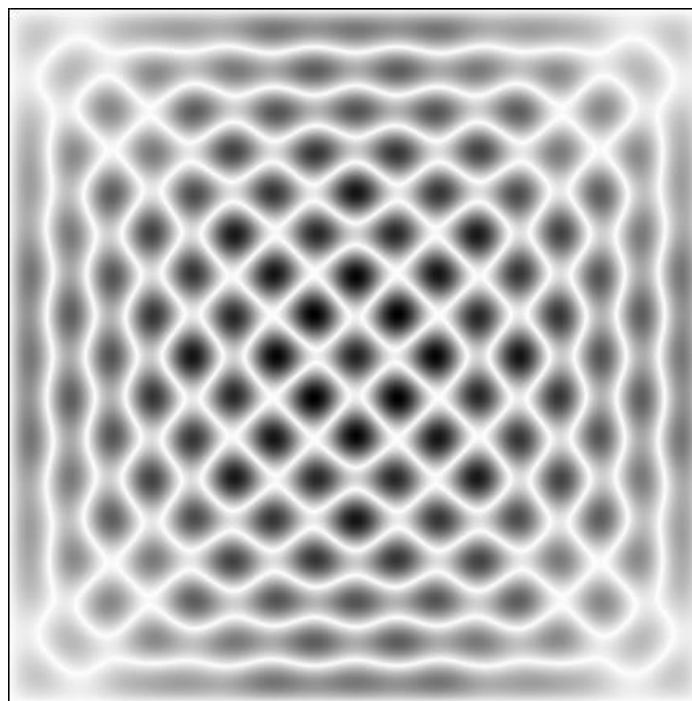
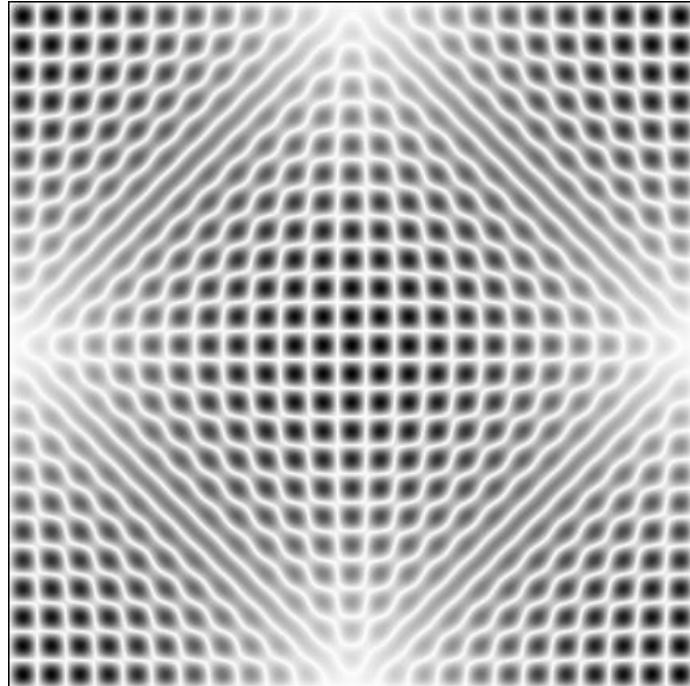
other images to which are recorded in my research, as effective frequencies. There are of course a lot of frequencies to choose from, but I will be focusing on a select few or the perusal of the reviewer of this document.

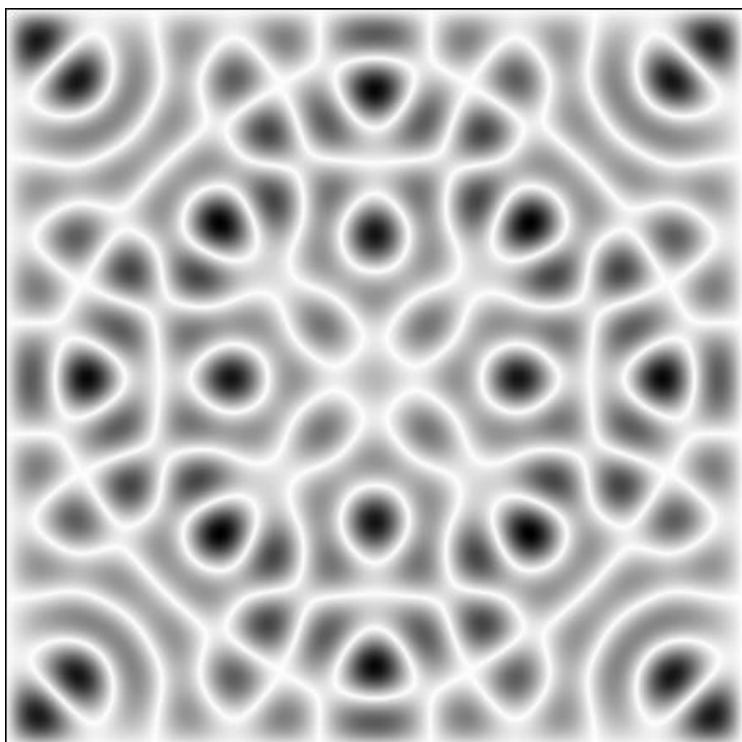
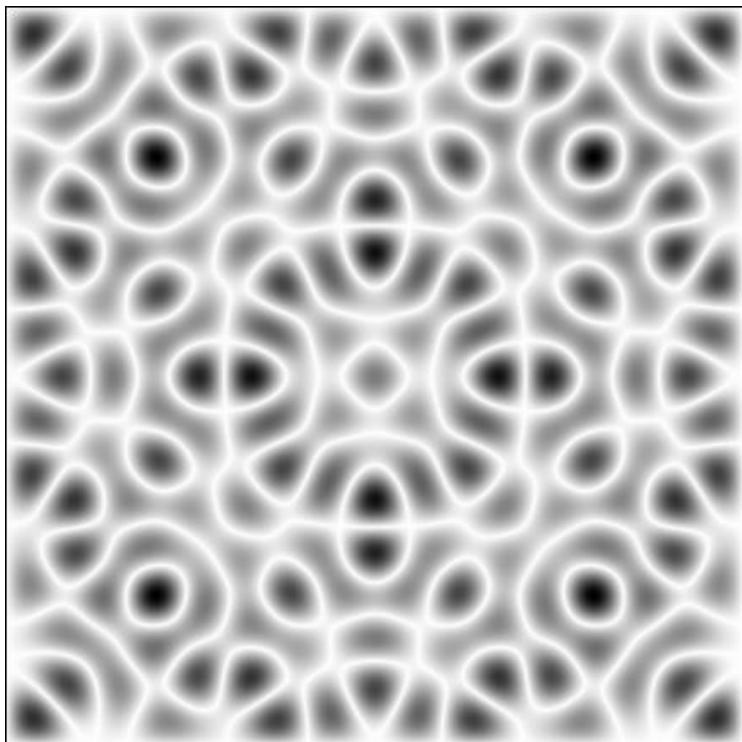


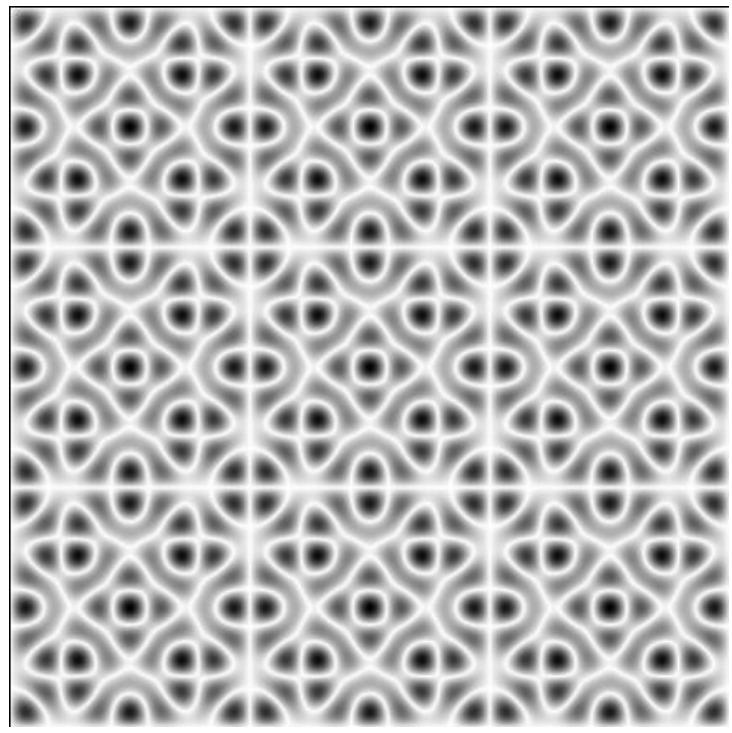
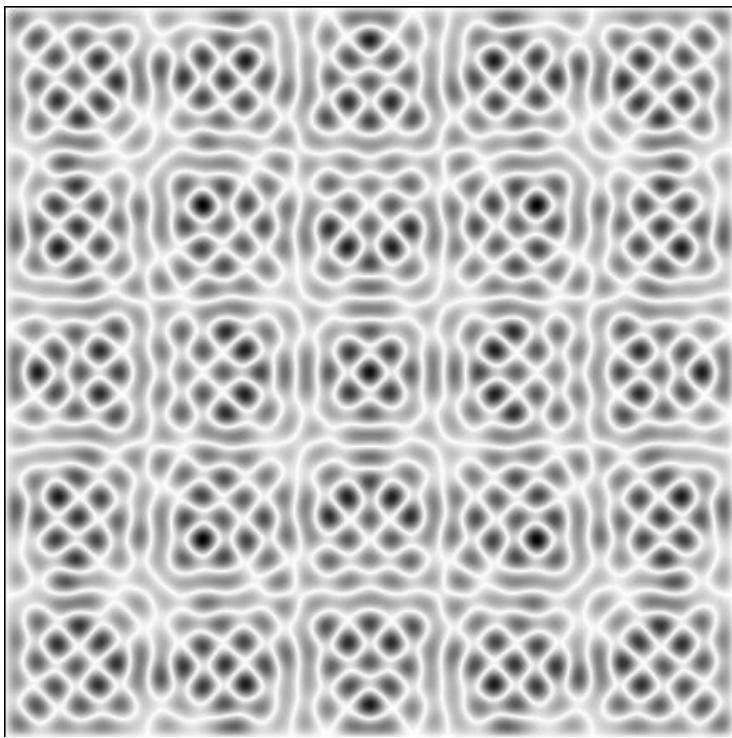
(Information from Unknown Source).

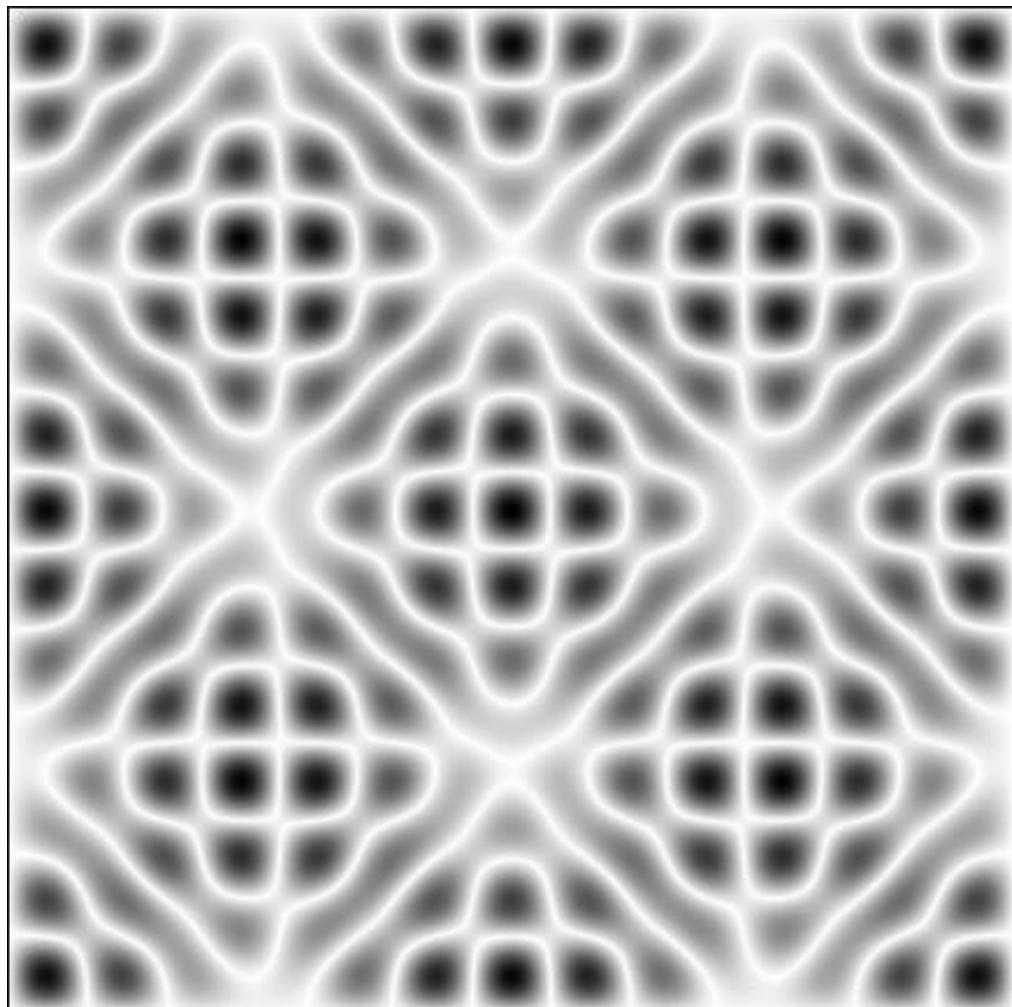
Following my interest in the gamma wave, I decided to look up more about the frequency, and found that 1000 is actually associated with cerebral neuron movement, so, I decided to generate the following square plates, based on the frequency of 1000

hertz:









The World Of Cymatics:

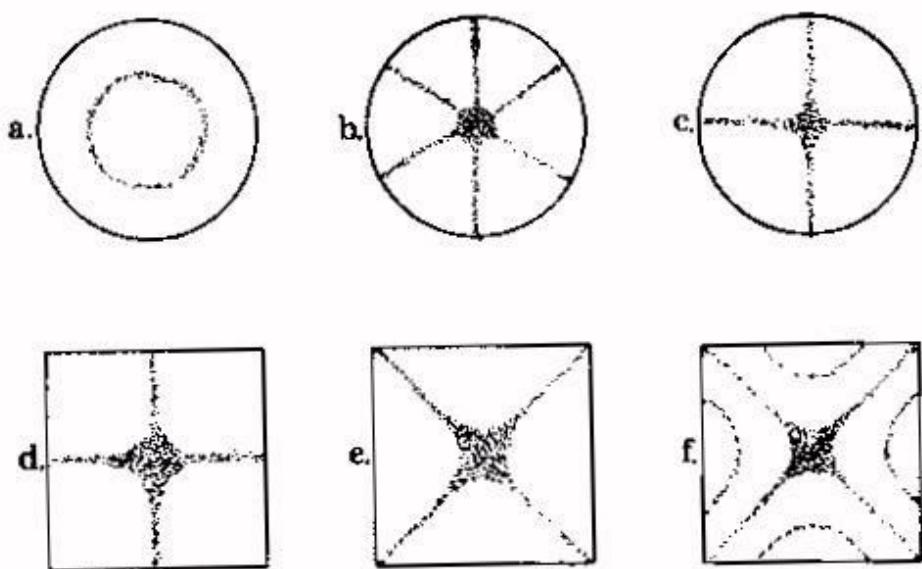


Figure 9-1. Chladni figures showing different vibration patterns for square and circular plates.

I have “generated” all of the same Chladni violin figures, to which are universal to others using the tonoscope.

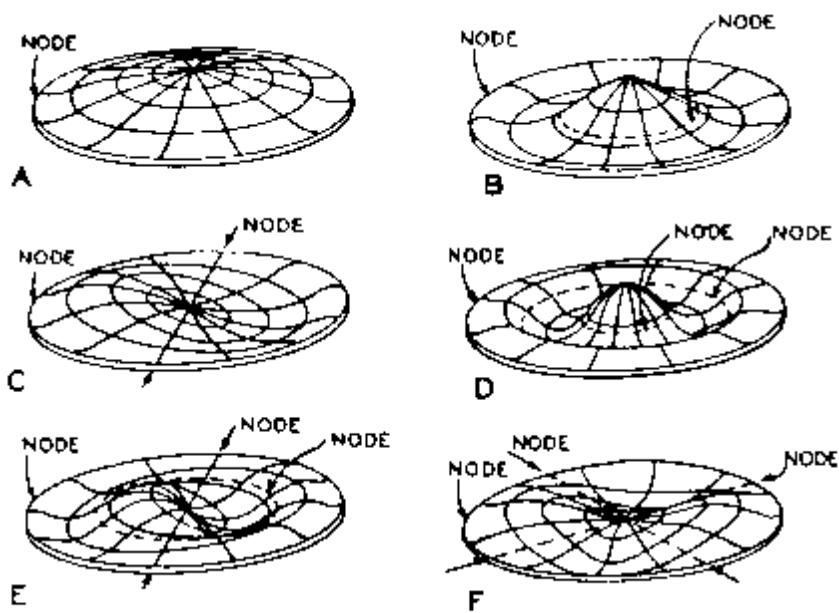
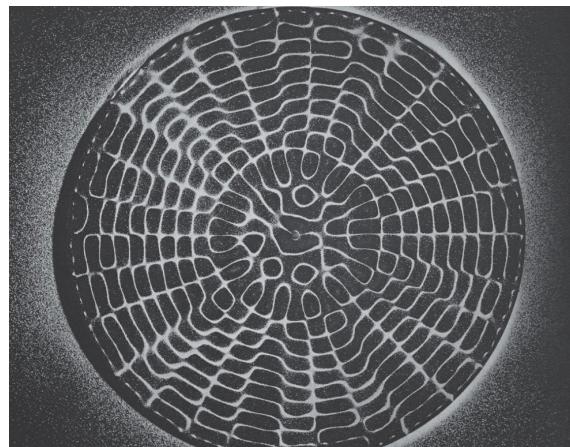
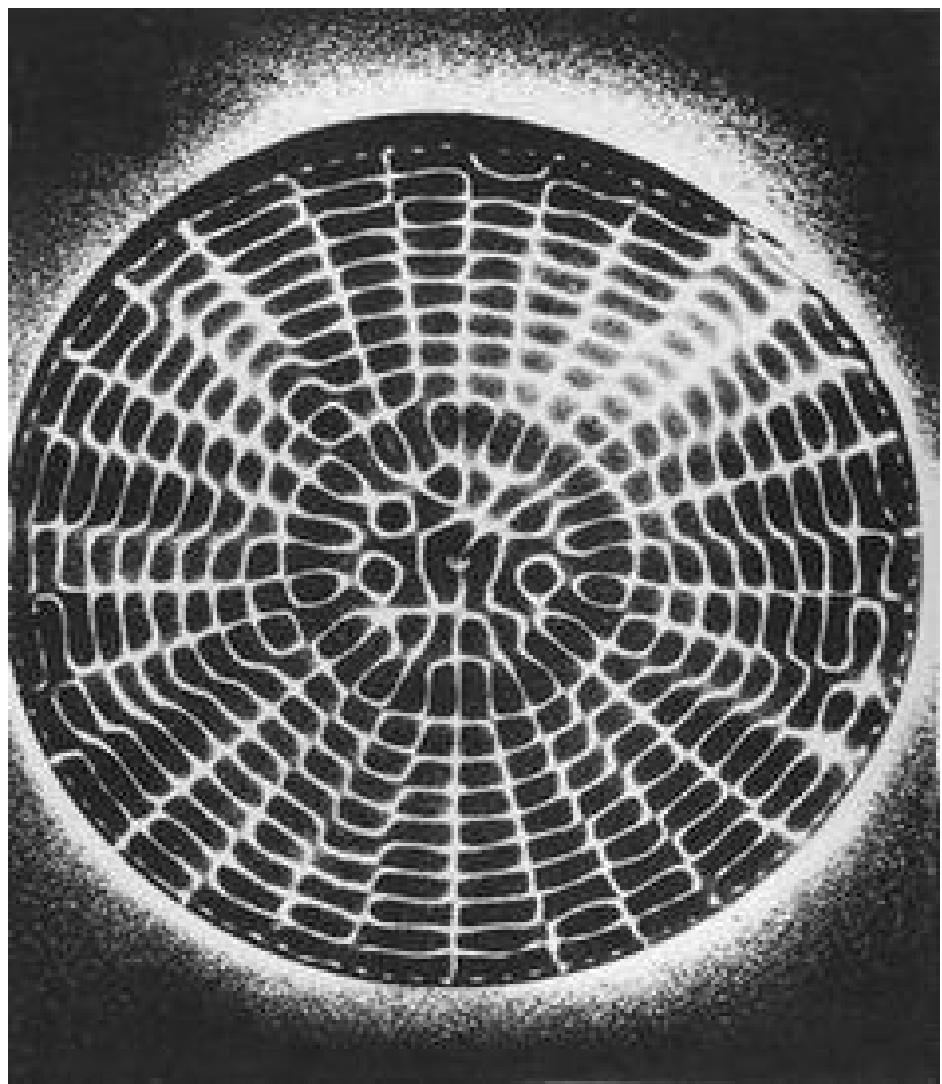
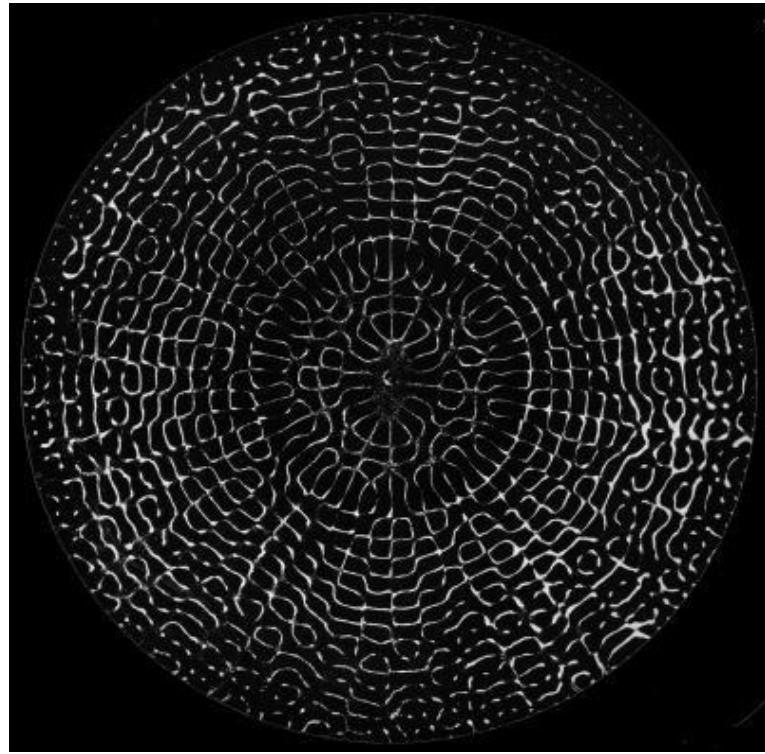


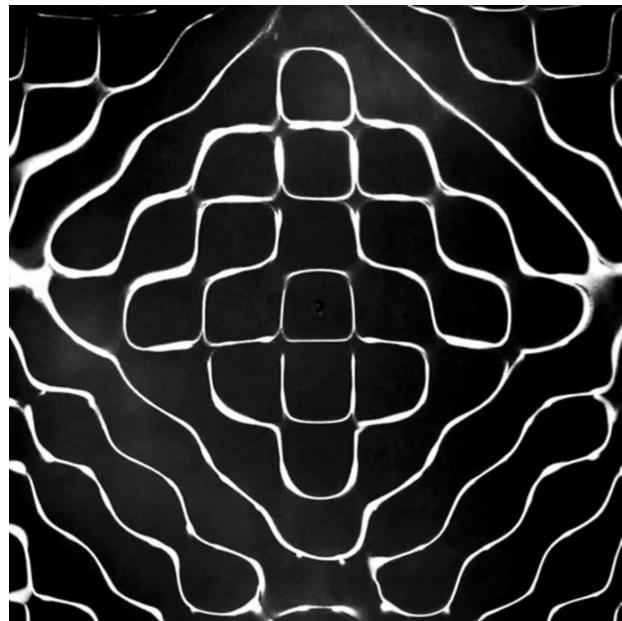
Figure 9-5. Modes of vibration of a clamped circular plate.
Courtesy of *Harry F. Olsen, Musical Engineering*, McGraw-Hill
Book Co., Inc., 1952.



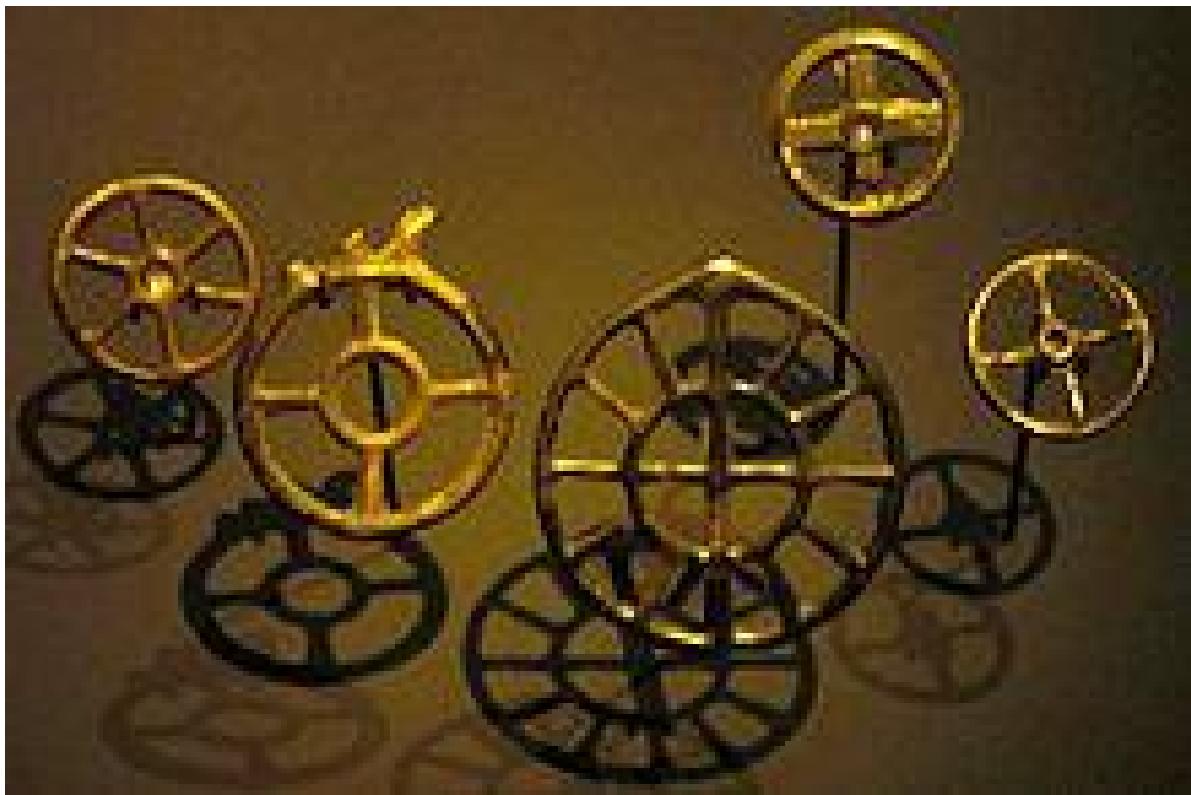




Must be the 741 frequency, or a pattern such as tensioned, and weighted similar with a relative hertz.

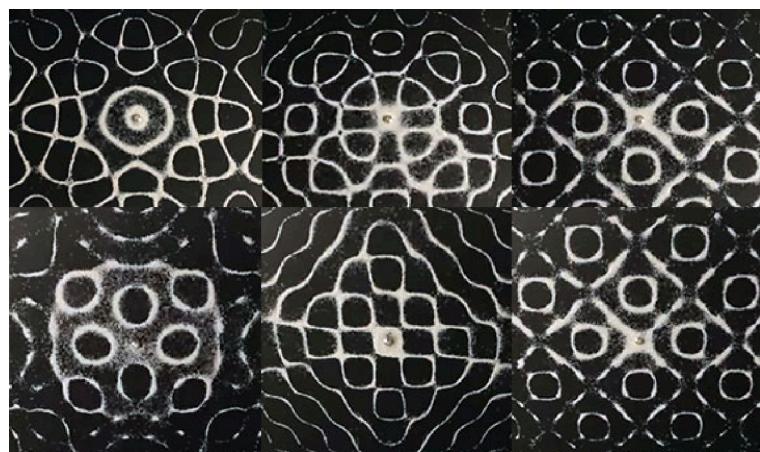


This appears as many of the square, and rectangular plates generated.



Wheel pendants dating to the second half of the 2nd millennium BC, found in [Zürich](#), are held at the [Swiss National Museum](#). Variants include a six-spoked wheel, a central empty circle, and a second circle with twelve spokes surrounding one of four spokes.

– Wikipedia.com



Many patterns appear to generate symmetrical repeating shapes; circles, squares.

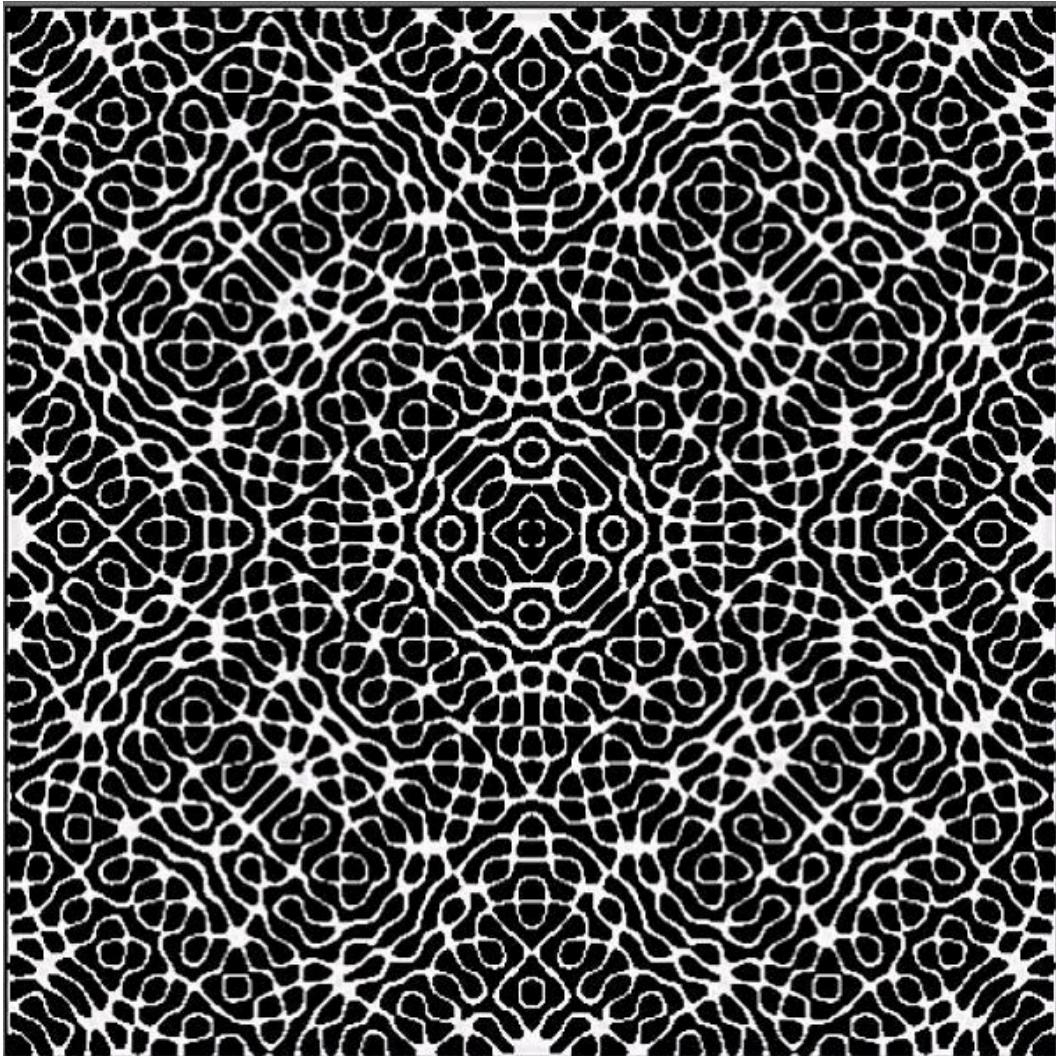


SINGER USES VOICE TO CREATE THE STAR OF DAVID IN SAND

Another Cymatics experiment on the home made tonoscope – this time it's Mozart's "Una Donna a Quindici Anni", sung through the tonoscope — take a look at the geometric shapes that appear and listen to the resonance between sound and image!!!

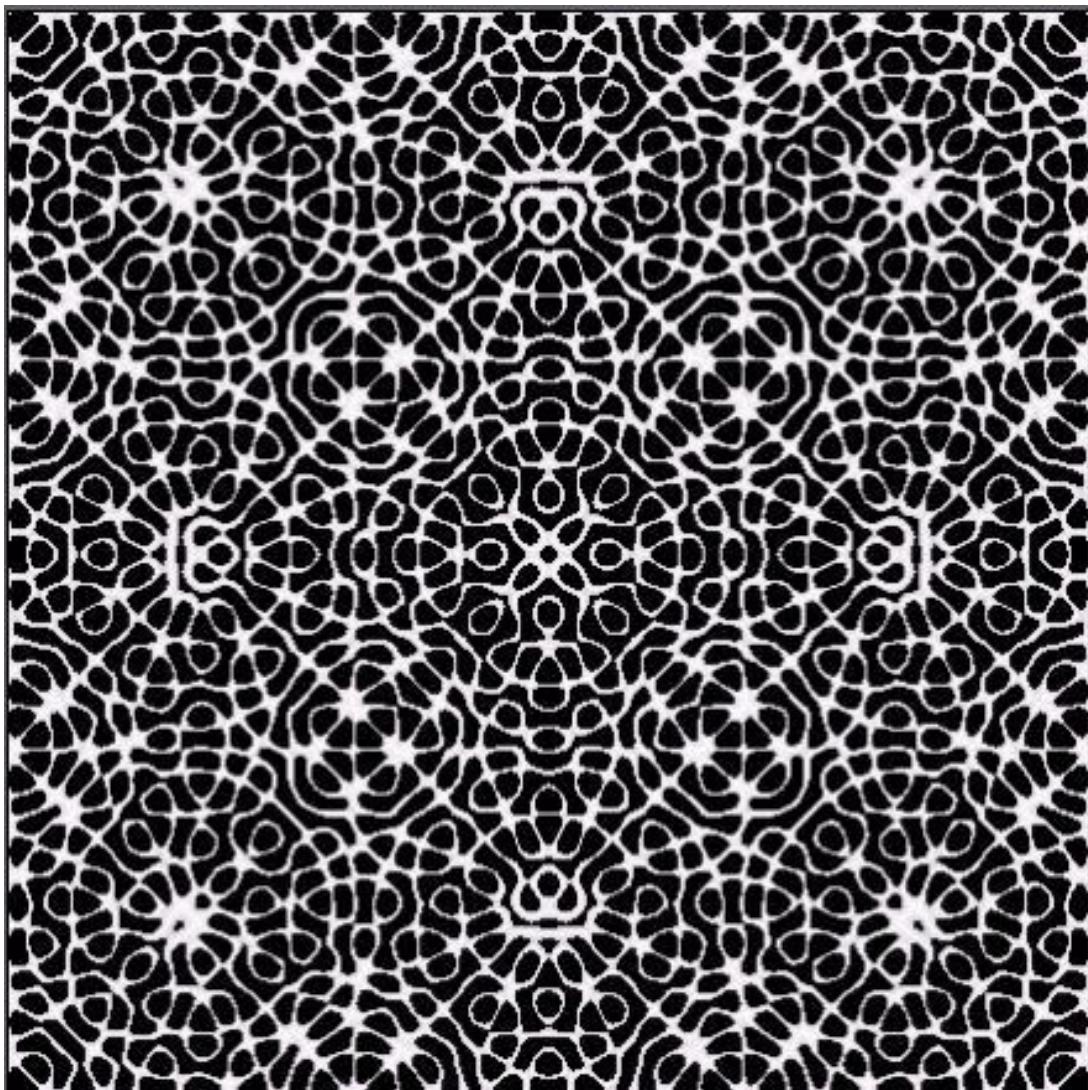
Hunter Dorton

I have heard of this, and hope to find out if the symbol really exists in nature or not, such that if so, it does hold great significance to religion, and theology.

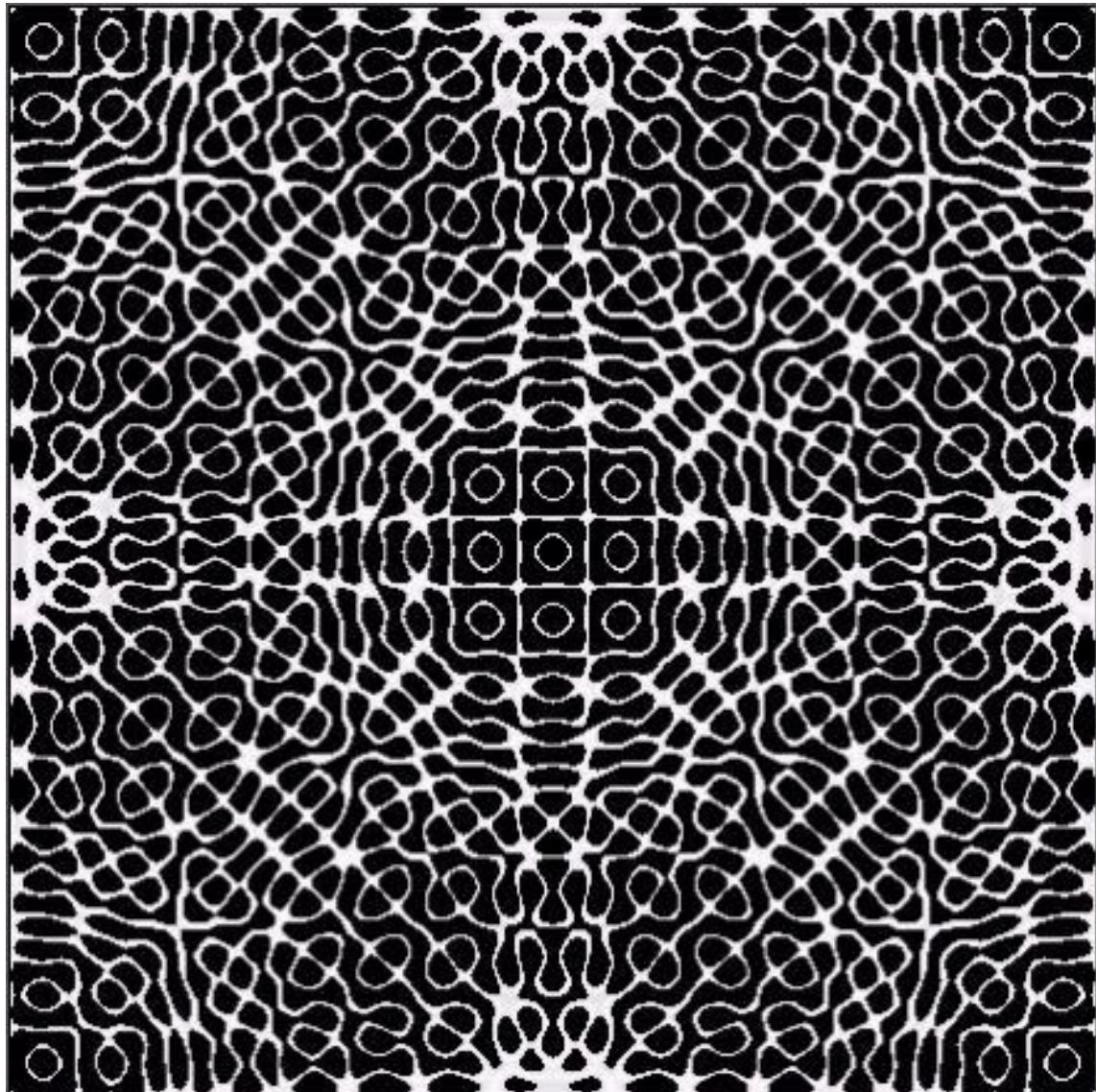


Unlisted with many of the sites offering information on the Solfeggio frequencies, is the 936 PINEAL GLAND activating tone, that produces these shapes. It is associated with the pineal, as a result of the actual pattern that exists in the Pythagorean code of these numbers, and how they were found originally . . . to be an upper frequency somehow associated with the crown, to which, is also a frequency used in much meditation, eye-opening, and sense expansive music.

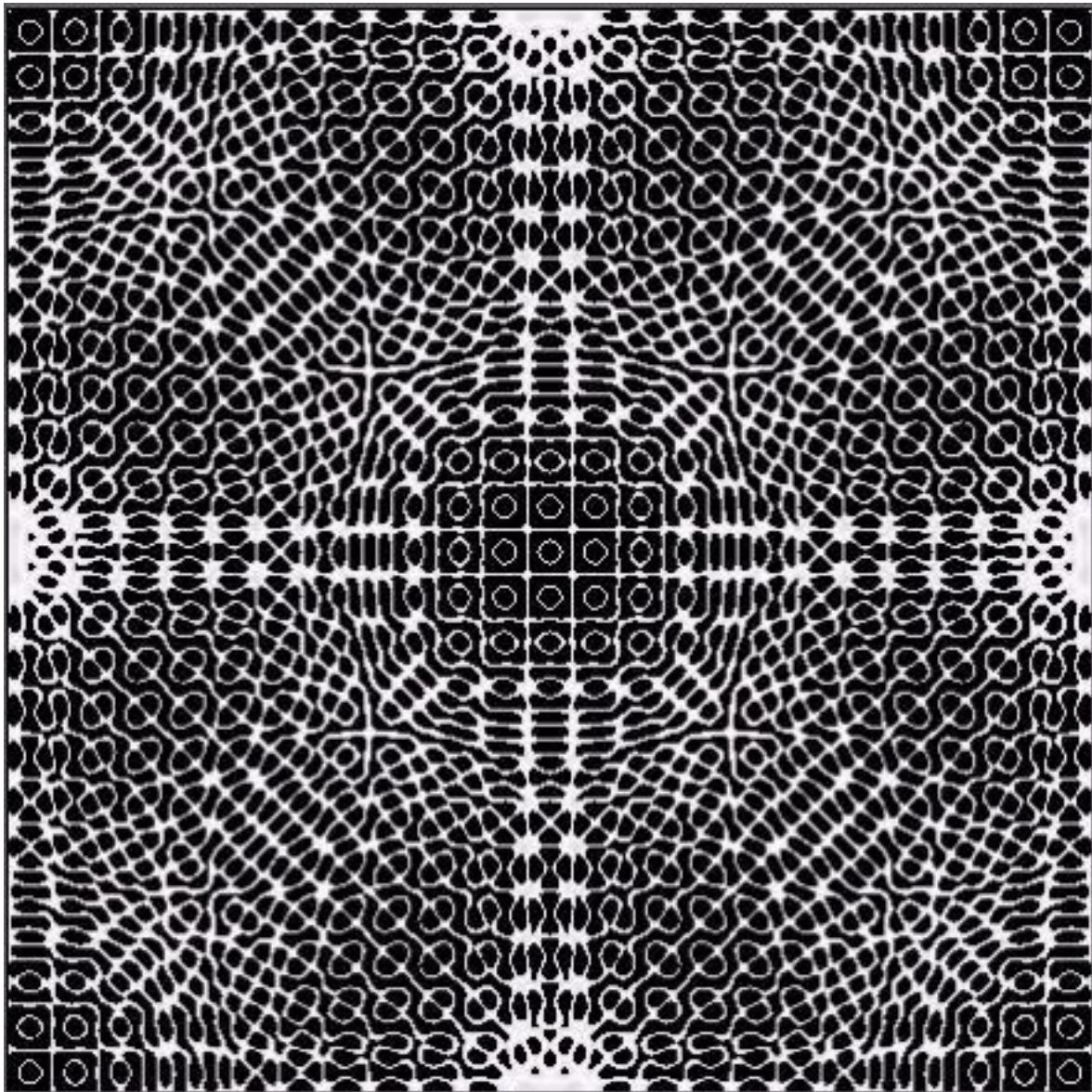
I find the pineal gland patterns intriguing.



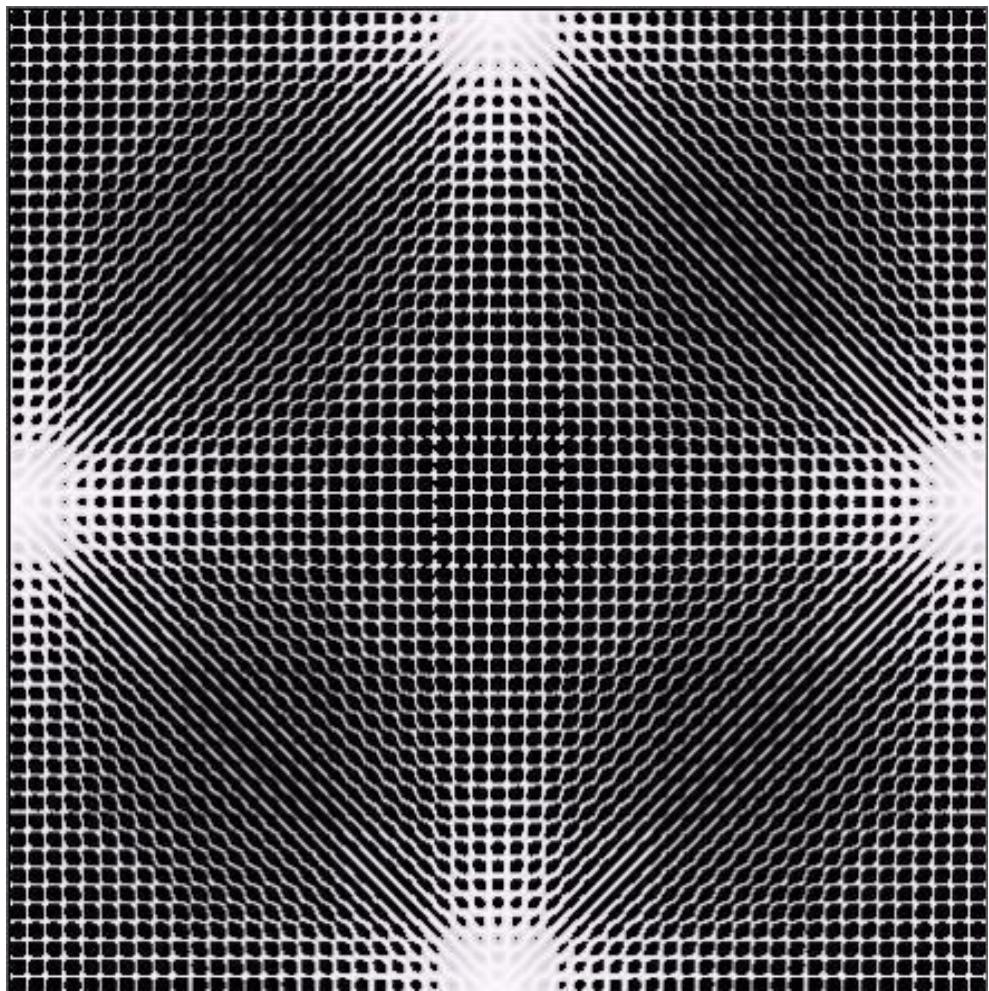
936 hertz



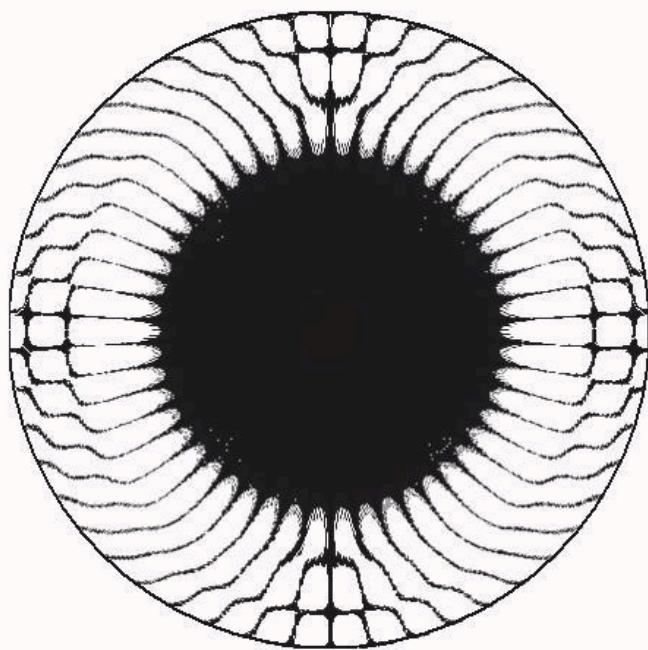
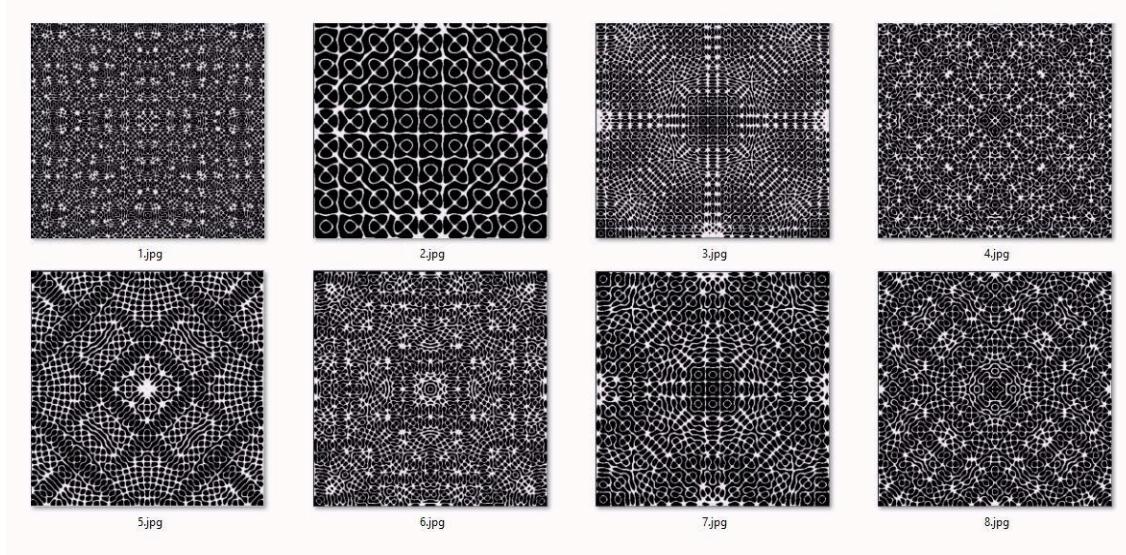
936 hertz



936 hertz



936 hertz



936 hertz - Pineal gland "Eye" cymatic

The pineal gland is associated with the third eye, and spiritual matters as a result of its location in the geometric centre of the brain, and alleged association with higher sensory states achieved through various means. It is also associated with death, and the transmission to the next realm.

