# Stephane Cardinaux

# Geniedulieu.ch goldenmean.info/geobiology

# Course notes from April 1, 2018 Presentation : www.fractalU.com

# Advanced Geobiology and…

# The grids

---

**Historical**

There is no mention of telluric lines in ancient texts, although there are engravings illustrating rhabdomancians (dowsers) stick in hand, with straight lines drawn in the ground that could be reminiscent of telluric lines. It was not until 20 th century that telluric lines are rediscovered, named and studied in terms of their dimensions and their likely effects on health. The best known are the two grids described for the first time in 1952 by Dr. Manfred Curry (Curry grid) and discovered in 1954 by Dr. Ernst Hartmann (Hartmann grid).

The Curry grid owes its name to the American doctor born in 1899 in Munich, Manfred Curry. He spent most of his life in Germany. What he did not discover, however, but only announced in publication, is the diagonal grid discovered by Siegfried Wittmann around 1950 and which received the name of Curry because of this publication. This grid is diagonal with respect to Hartmann's global grid. Like the Hartmann lines, the Curry lines encompasses the entire earth.

Others researchers, doctors, physicists, radiesthesists and dowsers have been interested in grids and have sometimes given their names to some of them, such as Francois Peyre, Lucien Romani, Walter Kunnen, Reinhard Schneider, Hiller, Palm and Siegfried Wittmann.

**Personal history**

I started geobiology in 1995 and my interest quickly focused on the telluric lines that I mapped over distances of several kilometers. These readings were made using a pair of rad-master rods and then on the Lecher antenna for 2-3 years. Finally, in 1998, I started to feel them with my hands and I finally saw them with my eyes as early as 2000. Although I use clair-vision to look for them, I continue to use an only stick rad-master in order to go faster and less tiring in the detection of telluric lines.

**Grids on a planetary scale**

Many researchers had fun determining grids covering the entire planet. Sometimes with unconventional orientations, ie non-global or non-diagonal. I will not comment on this kind of grid, because having visited some places, supposedly placed on these lines, I have neither detected nor felt phenomena other than level 3 or more lines (we see this later).

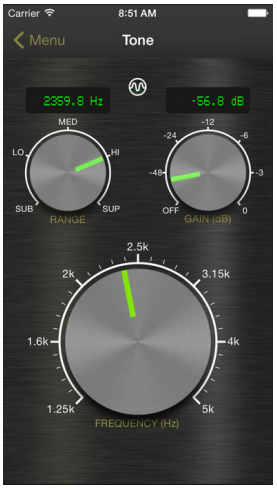
List of grids (hypotheses):

- the crystalline grid of Goncharov, Makarov and Morozov
- the complete grid of Becker and Hagens
- the golden lines of Sylvain Tristan
- the double gold and silver of Georges Prat
- the orthotenic lines of Aimé Michel
- the grids of Anton Benker

Most of these people are in their heads and want to prove that they are right, while the feeling shows that there is nothing, that imagination. Let's remain pragmatic and trust body feeling because our body is the most beautiful and the most sensitive measuring devices.

**Nature of telluric lines**

To determine the nature of the telluric lines, I proceeded by elimination by measuring them in different ways, even in the Faraday cage of a laboratory. This led me to exclude theire electromagnetic nature; they are neither magnetic, nor electrical, nor electromagnetic, nor magnetostatic, nor electrostatic, nor ionic. I only had sound waves left. However, if we move a device emitting a high-pitched sound, we find that the sound passes from one ear to another (called binaural effect) when the device crosses a telluric line. This highlighting of the lines, in the absence of a direct measurement, could not have been better. If we look at the general dimensions of frames and bands, it could be microwave sound frequencies, more than 10 ' 000 times higher than what can be measured with actual devices. This would explain why all attempts to measure these lines with all existing devices have failed. Highlighting is possible with the Sonotest or a sound generator application on smartphone .




**Origin of telluric networks**

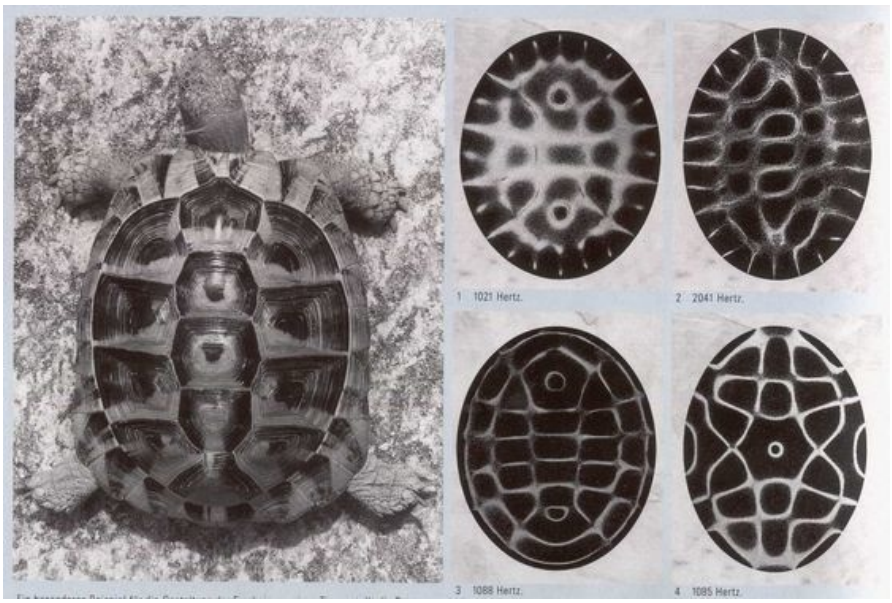
As the name suggests, the grids may be a high-frequencies sound vibrations coming from the Earth, either directly through the Earth's magnetic field or through reflection of cosmic rays. All the grids are more or less regular grids and cover the whole surface of the planet, with an exception at the poles.

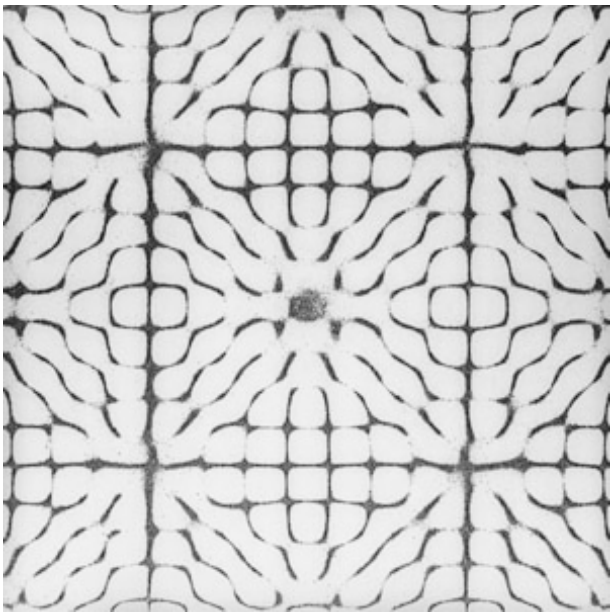
The first time I saw images of water vibrating under the effect of a sound wave (cymatic), I immediately thought that the grids could be stationary sound waves, the source being the elements inside the earth. What we can feel, could be the areas of compression in the air generated by the vibration of the metal atoms excited by the Earth's magnetic field.

In the following image, we see that the standing waves adapt to the shape, in this case to a flat shape in the shape of a turtle shell in this magnificent demonstration from Alexandre Lauterwasser, the great specialist of the cymatic.

**Stationary sound waves**

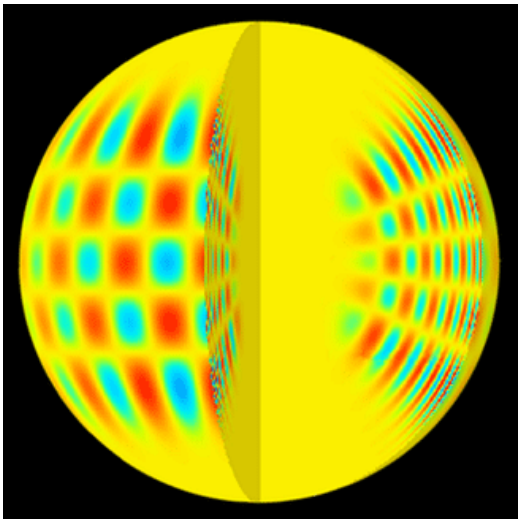
The image below shows the stationary figures created by sand deposited on a metal plate subjected to a specific frequency, we see lines appear formed by the sand that accumulates in the hollows of the standing wave. On a sphere such as the Earth, we would see an entire grid strangely resembling the lines of the global grid.

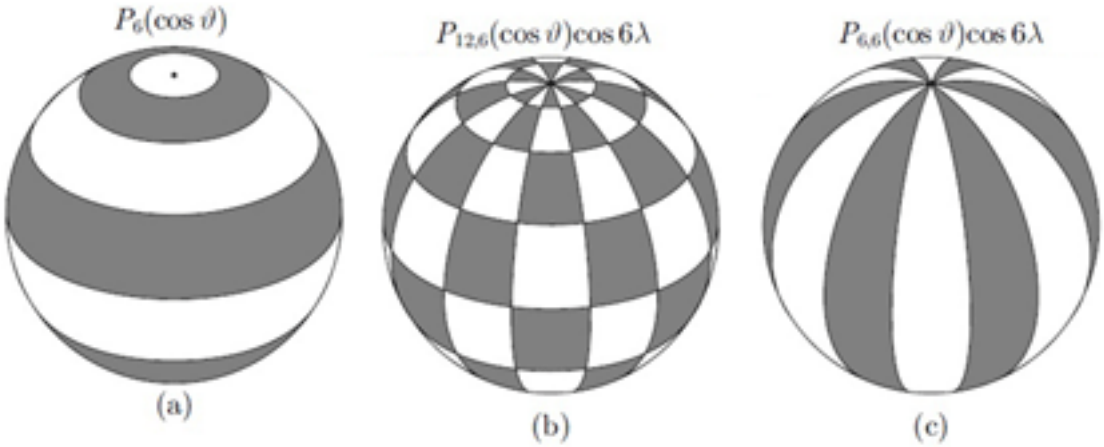


On the other hand, measurements of the seismic waves on the surface and inside the Sun give us an image that also resembles the distribution of telluric lines with this curious absence of lines at the poles. Like sound, seismic waves are vibrations that move in matter like transverse waves.

From a mathematical point of view, we are in the field of spherical harmonics, which break down the surface of a sphere into "longitudes" and "latitudes" like telluric grids. So we have to do with standing waves that create "volumes" in space. I think I was one of the first to speak about three-dimensional grids, which is perfectly logical given the three-dimensional nature of the Earth'smagnetic field.






The kinds of spherical harmonics: (a) zonal, (b) tesseral, (c) sectorial

**The link with the Earth's magnetic field**

Through my hundreds of field expertise, I systematically noted the Hartmann grid and found its deformation over faults and water currents, whose presence has been verified with a geomagnetometer (DC magnetic field). I noticed that the deformation of the frame, in its orientation and its dimensions, was proportional with the magnetostatic perturbation. The term geomagnetic lines is sometimes used to designate telluric networks, but it is an unsuitable term.

This deformation decreases with the height generating a twist of the entire grid if the disturbance of the magnetic field is not perfectly oriented in the same direction as the grid. In general, the Hartmann grid is the precise reflection of all the disturbances of the subsoil (water pipeline, underground water flow, faults, erratic blocks, etc.), a three-dimensinoal image of what happens in the sub soil. Finally I noticed that the grid is oriented locally according to the geology, the slope of the ground, perfectly matching the contour lines. The orientation global grid is conditioned by geology, on the main lines it has a North-South / East-West orientation

**The  wave- form of the grid**

If we examine in detail the effect on the body (bioenergy), we have found that the biofield dilates a little, rises a little but remains centered on the so-called positive lines and, conversely, contracts, goes down a little and suffers a deflection on the left for the so-called negative lines. Any grid consists of bands alternating positive and negative polarity. The crossing of two negative lines generates a geopathic point, called a node, which should be avoided, especially if it is at the vertical of a disturbed zone at the level of the subsoil or accumulated with electromagnetic smog. The patern formed by the bands of a telluric grid resembles to a sound interference figure resulting from the sum of several wavelengths which add up to form zones of greater intensity and others where the intensity is almost zero.

form **of a grid band**

By measuring very precisely a band of a telluric line, we see that it is not regular, we feel well two edges and a central ridge. The general shape of any telluric line is a form called brace. If we add up several sinusoidal and in-phase stationary waves, we get exactly this form in brace. It was only many years later that I was able to make the link with the interference patterns and the phenomenon of wave scattering.

**The torsion field**

Another characteristic of telluric lines is the torsion field. I will not go into details for this field which defines the direction of rotation of the waves. Every wave is the sum of a right field and a left field, in a certain proportion. The dowsing has highlighted it with the pendulum's giyration sometimes left or right in the presence of certain phenomena. The Vega-11 is the device that allows measures more accurately.

When the pendulum indicates a geopathic area by turning counterclockwise, then the Vega-1 indicates the presence of a left torsion field.

The positive bands have a torsion component on the right, while the negative bands are obviously on the left. The crossings of the lines, the nodes, are the accumulation of the two, so a crossing of two negative lines reveals a torsion field much stronger on the left and thus geopathogenic. The graph below shows in detail the intensity of the torsion field of a band and its harmonics.

**The widths of the bands and frames of the different level 1 grids**

The following sheet shows the average frame sizes of the most common networks and their bandwidth. These dimensions vary a bit, especially because of magnetic anomalies, some grid much more than others. This is an average of the frames measured in Switzerland. Note that the Hartmann grid is smaller than the usual 2m / 2.5m found in books, but in agreement with the possible variations of plus or minus 25%. Positive lines are red, negative lines are blue.

**The different levels of the grids**

A grid is always a sum of waves in phases, then the level 1 is defined by the smallest frame that one can feel, the level 2 is the superposition of the wave of level 1 with a wave of greater length wave and that, all the x bands are superimposed creating a stronger intensity. This coefficient x depends on the grating, it is always an odd number, so that a line of level 2 of negative polarity is superimposed on a line of negative polarity of level 1. To respect the feeling of the form, we will say that a level 2 line is lined by two level 1 lines and so on for each level. The general image of grid is fractal. The coefficient x is called "base", so all seven Hartmann lines we can find a level 2

**Great Global and Great Diagonal**

If we consider a frame that corresponds to all the negative level 2 lines of the Hartmann grid, and their particularly negative crossings, then we get a frame that fits perfectly with what some people call the Great Global. This is nothing more than level 2 of the Hartmann grid and not another grid. It's the same with the Curry grid, the Great Diagonal is not the Wittmann great, but the negative Curry grid level 2.

**The Sacred Grid**

There is a lot of confusion, the Sacred Srid it is not another grid, it is exactly the Peyré grid. The Sacred grid is not the Great Global. We find the Sacred Grid (Peyré) in the frame of the pillars of the cathedrals.

**Other Grids**

Some people have abusively given their name to imaginary grids or have appropriatied an already existing grid. I do not enter into this kind of egotistical behavior. As for Georges Prat's large Gold grid, it corresponds to level 6 of the Gold grid (Peyré) with a frame between 396 to 423km (according to Prat 350 to 450km), a result quite close but difficult to verify other than mathematically. Regarding the width of the level 3, identical for all the grids (correspond to 83 cm), this width corresponds exactly to the width of the door of all the buildings of the Neolithic period, in the whole world. It must be said that the great majority of the sacred sites are aligned on crossings level 3 or level 4, specialy positive crossings.

**The grids of level 1 to 4 (size, vital field and torsion field)**

As soon as one starts to be interested in level 3 and more, it quickly becomes complicated by the superimposition of the frames, although the whole remains always homogeneous with always this characteristic form in brace.

**The superposition of grids**

In reality, all grids overlap without interacting with each other. In the end we get a complex vibratory image with no frankly neutral zone.

Effects of torsion fields on grids

When we place for example a crystal on a line, we see that the line widens in proportion with the intensity of the right torsion field emitted by the crystal, it depends on the quality of the crystal and especially its mass. The crystal will "crush" the line, the information is spread over a larger area but attenuated in intensity. Conversely, if a DECT cordless phone is placed on a line, then the line shrinks and becomes negative. The left torsion field of the phone is much stronger than the right torsion field of the line, if it is positive. If the line is negative, its left torsion field is amplified by the phone and the line becomes very negative. I also noticed that the information of the torsion field is propagated along the line and goes up a little on the lines that cross it. This principle of flattening a line and the process for most geopathic "correctors" or "harmonizers".

This is also a good way to check their effectiveness by placing the device on a negative line and measure with the Vega-11 how far the line is still negative. Many sellers of corrective devices largely overestimate the effectiveness of their products.

Relationship between metals and telluric networks

Georges Prat was one of the first to talk about the relationship between metals and telluric grids. He established a pendulum correspondence between grids and metals.

It would seem that each metal and metalloid resonates with the Earth's magnetic field and the resulting vibration would produce the different telluric grid and their vibrational signature. I established, in 2001, thanks to bioenergy, a list of grids and their metallic resonance (published in 2004 in Sacred Geometries, volume 1).

Grids and Atomic Emission Spectrum of Metals

I have always been convinced that their vibratory signature and thus the effect felt in the chakras was related to metals, but it was not until 2013 that I realized the similarity between the emission spectrum atomic of a metal and its felt in the body. It remained for me to superimpose each spectrum with the distribution of colors in the body (sensitivity to the color of each part of the body, in connection with the chakras).

The graph below gives you a list of the most common grids, their metallic correspondence, the feeling in the body and the beneficial effect (determined by LVA). If we project on a line the atomic emission spectrum of a metal, converted into sound waves in the audio range, we notice that this line enters into resonance and widens differently for each metal. The greatest width is obtained for the metal that is most resonant with the line.

Grids in archeology

For many years I have searched Hartmann lines in hundreds of places. All of the most interesting records are in my books Sacred Geometry, Volumes 1 and 2. I have noticed that all over the world, and at all times, the ancient builders have used and manipulated telluric lines. I was able to go back to 6000 BC, beyond which it is difficult to find places sufficiently in good state of conservation. The subject is vast, I would content myself with summarizing the great principles.

## Choosing a sacred place

In the earliest times, beginning of the Neolithic, the places were natural, with a minimum of human intervention, the rocks or caves being sometimes slightly modified in their form to stick to the intention, the function of the place. They mainly used places that evoked for example animals. Over the centuries, the places were more and more manipulated energetically until becoming totally artificial, since Roman times. Nature and energies are gradually "domesticated".

It is by collaborating with archaeologists that I was able to highlight the fact that the telluric lines were displaced by the ancient builders. By looking precisely for the lines, it is possible to give the position and width of the walls, even if there is no archaeological remains left. Contrary to what some people say, it is the lines that have been placed (displaced) on the walls and not the walls placed on the lines

## In the Neolithic

Menhirs are placed on line crossings. The vortex or the telluric current placed on the menhir makes it a transmitter of form (scalar waves) which pushes the lines of the Hartmann network a few meters, creating naturally a sacred space. For example, Mont Mourex in the Pays de Gex.

The dolmens and the stone circles are also placed on crossings, the lines are manipulated to pass in the stones, multiplied in the walls and curved if necessary to stick to the form.

The gear ratios go in series of 7, with 3 lines in the walls, usually there are 3 sets of 7, then a space, a series of 7, a space and a series of 3. This principle is found everywhere in the world for places between the 4th and 3rd millennium BC Sometimes all the telluric lines are "erased" fromt the sacred space. When there is no physical construction, the lines are multiplied to create energetic enclosures. Always in series of 7, but between 3 and 7 series, then some lines with increasing spacings and finally a series of 3. Characteristic for the civilization named the fields of urns in the 2nd millennium. For example, the field of urns of Glozel in the Allier.

## Hallstatt era

At the time of Hallstatt, 850-450 BC,  the peak in grid manipulation. The number of sets of 7 varies from 3 to 13, spaced by approximately 1.5m. At the end of the last series, there are 21 lines whose spacing increases gradually until becoming normal and finish with a serie of 3. This disposition is found in all big tumuli and strongholds of this time. As an example, a sacred place in the Swiss Jura.

## Celtic period

In the Celtic period, 450 to 58 BC, we change the distribution of the series, but while keeping the series of 7, 3 series of 7, a large space of 3-4m, a series of 7, to again a big space of 3-4m and 3 lines to finish. This device has been adopted for tumuli, oppida, temenos and all fortified works. For example, the stronghold of Châtel d'Arrufens in Switzerland.

## Roman times

In Roman times, 58 before to approx. 400 AD, the series of 7 are abandoned in favor of the series of 3, 5, rarely 7 of the same polarity, multiplied and placed in the walls. This technique is used for all constructions including buried structures such as cisterns and sewers. I made the demonstration to archaeologists on the sites of Orbe and Bibracte. The Romans were the only ones to demultiply the horizontal lines, it must be said that it is the first to have built buildings of 6 floors.

## In the middle Ages

At the beginning of the Middle Ages, we see a novelty appear, series of 5 arranged in the walls and off walls as for the Celts. In general, a first series of 5 which corresponds to the wall of enclosure, then 2 or 3 sets of 5, according to the size of the ditch, finally a series of 3. This way of doing is found mostly in the clods of the 5th to the 8th century, among the Burgundians and the Franks. From the 8th century, the series of 5 are abandoned and we return to the mode of making Romans that will be respected throughout the Middle Ages, lines multiplied in the walls. As the architecture becomes more complex in terms of shapes, the lines are placed so as to correspond to architectural details. The lines are moved and multiplied to match each type of work. For example, the cathedral of Lausanne.

Often, in a city, all interesting crossings were used to place religious buildings or public buildings.

In 1350, the Great Plague decimates the builders and knowledge is lost for a few centuries. We see him reappear furtively in France between 1620 and 1695, probably thanks to an initiate Louis XIII, his school is active until the end of the reign of Louis XIV.

In some parts of the world, knowledge has not been lost in the Great Plague, as is the case in the British Isles and Latin America. In Tibet, the knowledge of the builders, has never been interrupted since the Middle Ages, it is still taught from master to disciple, the Druidic way.

Modern era

The Germans are the ones who do the most research on the grids, convinced that they are magnetic, in my opinion they got lost by mathematical calculations and were far from the felt. I have always favored the feeling as the basis of work, seeking rather to make coincide the mathematical models with the feeling in the body and not the opposite.

LVA

Since 2013, I am mainly interested in scalar waves, which are probably the key to understanding life and our interaction with the environment. This led me to review all that I had developed as a theory for over 15 years, without giving up the feeling that has always been a constant. It is with this in mind that the LVA was designed, a device that was calibrated from the felt, a first for a device, because so far, with bioenergy I was calibrated according to physical measurements, comparing the variations of the vital field with the intensities of the physical fields.

The Vega-11 is the ultimate device for measuring torsion fields, the LVA being developed for applications in geobiology is the device to have the vibratory signature of places and their effect in the body.