

## 6. Is quantum medium a metaphysical continuum?

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Anaxagoras with his concept of Homeomerics, which means the parts (meros) are the same (Homeos). The reason of this sameness of the parts (perfect uniformity of the infinite universe) is the idea that each part is equivalent to the infinite whole: Everything is in everything generating the whole of wholes, the line of lines that defines the real geometric continuum of the infinite universe.

Ion Soteropoulos

### **Abstract:**

*Quantum medium is a metaphysical continuum fabric full of primal energy. This energy contains information of the existence in all its manifestations, the metaphysical continuum that makes a quantum medium display in the "real" embedded in the First Thinker's thought. Quantum medium is expressed in a fractal way; that is to say that the information of thoughts is multiplied infinitesimally, and so it makes the manifestation of existence infinite.*

### **Keywords:**

*Quantum medium; metaphysical continuum; infinite; energy; first thinker*

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# Is quantum medium a metaphysical continuum?

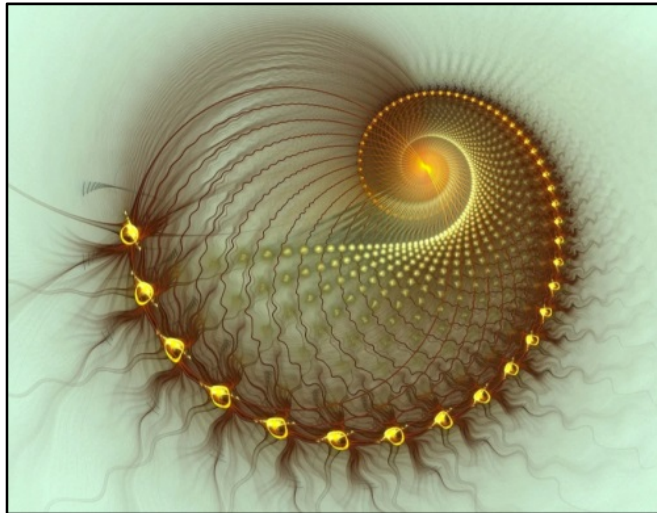


Image: This is an approximate representation of the quantum medium as a fractal, an infinite metaphysical continuous tissue. An intelligent supreme geometric pattern emanating from the First Thinker can be observed in it.<sup>1</sup>

## Development

It is generally referred to the infinitesimally small, to what is infinitesimally big, and to the fact that in both cases things happen differently, which is a mistake. Divine thoughts, from which vibrations that will express themselves in existences emanate, do not make any difference between macro and micro. These are human scales arising from our need to establish limits to be able to understand. The same applies to the extension of objects; limits are an illusion in the way we experience reality since any entity or object is infinite; the Being is an infinite quantum field, and the interaction between the fields is an infinitesimally complex metaphysical continuum.

The infinite manifestations of divine thoughts are quantum because thought itself is quantum; and, for the same reason, there is infinite in every single direction. This is so because an infinite being, due to its omniscience and omnipresence, could only think of infinite continuous ways of existences. Borges, on the one hand, in *The Aleph* states that an infinite point of light contains all

<sup>1</sup> Source: CIENCIA Y ESPIRITUALIDAD <<http://lacienciadelespiritu.blogspot.com.ar/2011/09/el-arte-de-la-inteligencia-espiritual.html>>

the points, a space where all the spaces fit together, a moment in which all moments are present; and, on the other hand, in *The Garden of Forking Paths* he considers the infinite as a labyrinth. Therefore, I conclude that the quantum medium is essentially infinite and continuous.

According to Zenon, divisibility of the continuum is infinite; according to Plato the infinite is the eternal unity, and according to Hegel the infinite is the true being, the spirit.

The cosmos is a quantum infinity that surrounds and penetrates deep within ourselves; this is how life is immersed in a metaphysical continuum infinite.

The geometry of the cosmos is an elastic metaphysical geometry, guided by a self-referential pattern in which there is neither wholeness nor parts; the only thing that could be found is unity coming from an intelligent supreme design which makes use of an iteration process for the development of life and the emergence of existences since each result of an iteration coincides with a starting point for the next one. That process makes that the energy flow emanating from the First Thinker's thought to become a continuum which is alive; that is why nature and cosmos beat at the same harmonic rhythm. This process makes multiplicity arise from unity, and multiplicity, in turn, preserves its primal unity.

The cosmos shares information with every single existence that is displayed in it. Each drop of water, each grain of sand, each hair fiber, each petal, each tear, each cell, each neuron, each sound, each color, each light ray, each planet, each star preserves the divine trace of the First Thinker, the First Celestial Philosopher, which is why, the existential implexion is transcendental.

The infinite does not have a beginning or an end; it does not change with additions or subtractions; the manifestations of existence do not become infinite, they are infinite. The word infinite is not opposite to finite, finite is embedded in the infinite. The metaphysical continuum carries the pattern of divine iteration, the web of energy that flows eternally. This explains why the same information is everywhere. The information of primal energy expresses limitless life and eternal harmony, and although information is networked, its existence is unique and unrepeatable. If human beings could understand their transcendental position in the cosmos, tangible social changes would immediately take place since revolution would be a spiritual revolution which would awaken the inherent goodness, which would lead to the development of new technology and policies at the service of the common good, and which would bring about a change of perspective with new philosophical hypotheses completely changing the way in which knowledge is built.

Each human being is one of the manifestations of the existence of the cosmos, they are the result of infinite interactions guided by the metaphysical continuum that emanates from the First Thinker's thoughts, and consequently, our existence is an infinite miracle that cannot be limited by dichotomies.

Planck formulated the hypothesis about energy in which he stated that it is radiated discontinuously in irregular packs of energy, the famous “quanta”; but, at the same time, the same “corpuscular object” behaves as a wave.

A corpuscle exists specifically in space-time; it could be represented by a point in the Cartesian coordinates “x” and “z”. However, a wave has a frontal extensive existence in space-time; its displacement happens in a propagation way. In our everyday life, something exists as a corpuscle (discontinuous) or as a wave (continuous), but it can never physically exist in both ways at the same time.

This discontinuous/continuous melange gives rise to severe consequences for intelligibility; for example, the determinism/indeterminism controversy. The emergence of the notion of indeterminism, on the one hand, compromises the principle of classical causality, which states that the same causes produce the same effects in space and time, and on the other hand, it compromises the nature of space and time when we consider that something is a “discontinuous corpuscle” but, at the same time, it is also a “continuous wave”.

As regards the notion of action at distance, this dichotomy states that between a point and another one, there is no space, and it states that there is neither time nor duration, that is to say, that the action is instantaneous. There is no action at distance, nor duration in the quantum medium. Definitely, the fundamental problem to understand quantum issues lies in this continuous/discontinuous dichotomy.

Michel Bitbol relativizes the continuous/discontinuous notion asserting that the discontinuity is not the main characteristic of the quantum medium and that the continuous/discontinuous dichotomy is a secondary idea that derives from the non-commutativity of the operators (Heisenberg’s matrixes, Hermitian operators in Hilbert space).

As it is evident, dichotomies lead to confusion. They belong to the standard paradigm; there are no dichotomies in the quantum medium because it is a non-local metaphysical medium.

The Aristotelian continuum is a concept to be considered. It is about an undivided wholeness which, when divided, creates discrete points. For Aristotle, there is nothing without a place. Consequently, substance implies place, and this is forced to multiply substance. Rene Thom says “The discrete decomposition of the naturally continuous phenomena in isolated events is just an illusion of the mind”.

Aristotle considers that *topos* is the surface of the enveloping body, that is to say, if there is a substance, there will necessarily be other substances, the surfaces of which will envelop the first one. This notion argues against the existence of void and reaffirms the contiguity between substance and the surface of the substance. In other words, when two “bodies” come into contact the contact surfaces disappear; when a body is divided into two, two surfaces are created which, in turn, are just one. However, energy characteristic is shown in discrete values since smallest units of energy are

carried by packets, but we should take into account that the cosmos is not as we see it, nor as we measure it. One of the reasons why this is so is because we place ourselves outside the cosmos, and also because it is not possible to separate apart from the whole since all the parts are similar.

We are inside the cosmos; whatever exists in the cosmos shares the information, which means that we are part of the cosmic phenomena; we are not mere observers or witnesses; we are one of the consciousness of the cosmos (there are probably other ones). The cosmos is alive; it could not be otherwise as it is the realization of the divine thought. We are primal energy; we are incarnated divine energy. The cosmos is a perfect fabric of energy; black holes or jumps or impulses are different manifestations of such vital energy; this energy is everywhere and that is why the quantum medium is a metaphysical continuum. The same could be applied to space, time and movement; what it is perceived are just illusions, and it will be so until we finally abandon the idea that we are separated from the cosmos and distant from the quantum ether that connects everything. The substance that we observe and the substance that we do not observe are expressions of the infinite shapes of primal energy. This is the reason why void is full of life; there is no place that the First Thinker's thoughts cannot permeate. Therefore, a date of creation cannot be established.

Human beings are energy connected to their *vibration* (universe), which in turn connects them to the Quantum Ether. The Ether is the purest continuous glue that unifies the elements; it is the infinitely flexible and imponderable fluid that permeates the cosmos. The Ether is continuous and an infinite elastic geometry. There is a constant and eternal *feedback* between human beings and the cosmos. We are a unique beat. Information is shared by all the existence manifestations since it arises from the interaction web emanating from thought. All the existence manifestations are a swarm of quantum entities vibrating together at the same ether, cosmos and thought beat. It is only one and same continuous quantum beat, and the human DNA vibrates guided by divine geometric-biological patterns. Quantum entities are basically flashes of the eternal divine thought; existence is made of quantum entities.

God's thoughts are eternal, quantum, continuous and infinite; they merely exist in the same way the cosmos does. The eternity and the infinity are metaphysical marks left by the First Thinker, which is why existence is the quantum manifestation of infinite vibrations. There is no need of singularity for a beginning. God thinks and the infinite manifestations of the existences sprang into being; all of them, without exception, display different levels of intelligence and consciousness. Intelligence and consciousness do not need any material substance to develop.

## Conclusion

The cosmos, nature and the being are quantum manifestations embedded in an eternal metaphysical continuum; nothing could interrupt the continuity of "real" because the metaphysical continuum is

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the essence of material and immaterial existences. It is the logos that guides life and connects humanity spiritually. From stars to neurons, from galaxies to viruses, from the human being to the bacteria that live in mud; from the quantum ether to our oceans, everything is a web of interactions emanating from the First Thinker. The First Philosopher has thoughts which are essentially quantum ones, and quantum is the metaphysical dimension of the very existence. The metaphysical dimension shows the indescribable and the invisible; therefore, it reveals the Being. Quantum is the very Being. The Being cannot be localized, it is infinite and continuous; the Being bears the cosmic code. Therefore, existence basically shares the same cosmic information because everything was thought for its flutter to eternity.

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