

***The Universe as a Harmonious Field of Vibration  
Is Humanity out of Tune?***

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**Abstract**

This paper begins with a reference to recent experimental research in the school of Engineering at MIT on the novel coronavirus (SARS-Cov-2). This research consists in translating into sound the spike protein of the virus which makes it so contagious, in order to examine its vibrational properties and find ways to destroy it. After brief references to similar research in the past which explored therapeutic resonant frequencies for common human pathogens, recent endeavors at reprogramming DNA by certain sonic frequencies, or simply attempts to translate the information coded in our DNA into music, this paper touches upon descriptions of the universe in various spiritual and philosophical traditions as a cosmic harmonious vibration. Based on this concept, certain aspects of human behavior (tentatively translated as various vibrational frequencies) seem to be “out of tune”. Deviation from the cosmic harmonious vibration creates disharmony and gradual distancing and alienation from what these traditions call the “divine source” or the “universal consciousness”. In humans, the incessant stream of ego-centric thoughts and the feelings and actions ensuing from them is the reason for this alienation. A common theme in philosophical and spiritual practices is slowing down the constant stream of thinking and ultimately reaching cessation of thoughts as the means of attaining peace and union with one’s “inner source” which is the source of all creation. The paper concludes by exploring the possibility that our survival may depend on adjusting our vibration so that we tune into what has been described as “universal consciousness” or as Plotinus calls it “the universal Soul”.

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## Introduction

On April 2nd, 2020, an article appeared in MIT News with the title: Markus Buehler on setting coronavirus and AI-inspired proteins to music<sup>1</sup>. Markus Buehler is the Department Head, McAfee Professor of Engineering at MIT. In the article it is mentioned that Professor Buehler recently translated the spike protein of the novel coronavirus (SARS-Cov-2) into sound to visualize its vibrational properties which could help in finding ways to stop the virus. In his words: “You would need many different images, many different magnifications to see with your eyes, what your ears can pick up with just a couple of seconds of music”<sup>1</sup>.

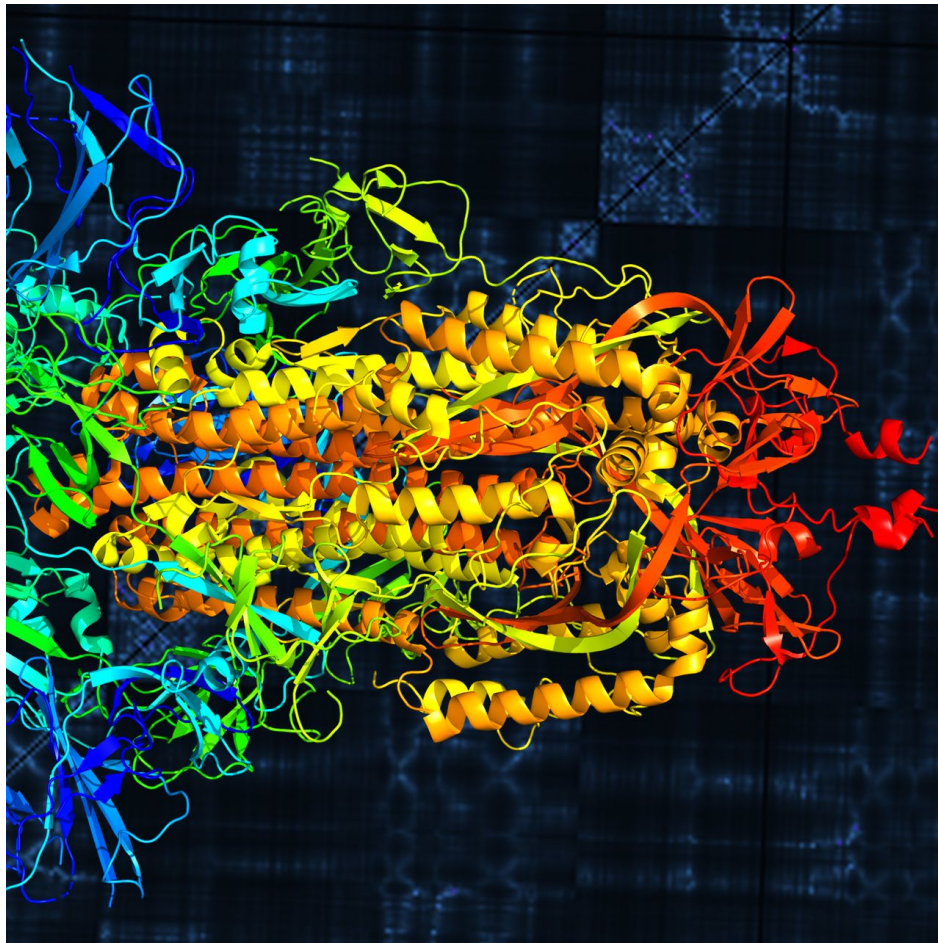


Figure 1: A rendering of the spike protein of the coronavirus, with its amino acid chains depicted in distinct colors, used by Markus Buehler as he developed his music composition. MARKUS J. BUEHLER/MIT. (2020, June 26). Wall Street Journal

To someone not acquainted with interdisciplinary approaches in research, this report at first glance could appear highly improbable or even ridiculous although it concerns research conducted at MIT by an eminent MIT professor. Given the fact, however, that recent developments in science and especially in physics have opened new horizons on how we perceive a universe which exhibits behavioral patterns that cannot be explained through the accepted up to now methods of scientific research, or they simply cannot be explained at all, it seems that a new open- minded interdisciplinary approach could be helpful in every

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<sup>1</sup> Kim Martineau /MIT Quest for Intelligence. (2020 April2). MIT News. *Q&A: Markus Buehler on setting coronavirus and AI inspired proteins to music.*

domain of human enquiry but especially in scientific research. And speaking of interdisciplinary approaches, it should be added here that professor Buehler is also a musician. And this particular aspect of his training could account for his sensitivity and inventiveness in discerning research avenues which would normally elude a scientific mind highly specialized in a single area only.

The adoption of an honest interdisciplinary approach may require a lot more than a basic attitude of being open minded and /or having been exposed to various areas of research. One could go as far as admitting that a general attitude of true humility is required if one is to be able to overcome centuries-old pre-conceived ideas, personal preferences and a long history of acquired prejudice. One should be ready to prepare oneself by walking on the path of developing true spiritual qualities which could overcome the various acquired tendencies obscuring one's true vision. One has to start from Socrates' admission that one knows nothing "ἐν οἷδα ὅτι οὐδὲν οἷδα" in order to proceed in this new territory of assimilating scientific and spiritual approaches in investigating new territories...

There is a quote attributed to Albert Einstein, which I was not able to trace in order that I could properly footnote it, but which, I believe, regardless as to whether Einstein said it or not, characterizes traditional Scientific and Religious approaches toward the workings of the Universe. It implies that both Science and Religion have the blind spot of not accepting the one conclusion that both recent scientific research has reached and Spiritual teachers have always taught, namely the unifying power behind what we traditionally call "the Universe". Spiritual teachers have experienced it and taught it as Universal Consciousness, and yet the various religions around the world actively deny this unity, a fact which becomes so obvious from the intense controversies which separate them. And Science, in spite of accumulating scientific evidence of a unifying force or power -for lack of a better word- which appears to connect everything experienced through the progressively accelerating in complexity scientific methods, obstinately refuses to consider this as a power beyond what can be accessed through intellect alone, in spite of the fact that the point of intellectual comprehension of the so-called physical laws has already been surpassed. And here is the quote attributed to Albert Einstein: "It is harder to crack prejudice than an atom".

In the MIT article mentioned above, Professor Buehler is talking about translating the spike protein of the novel coronavirus into sound to visualize its vibrational properties.

This is not the first-time sound frequencies have been studied as expressing and influencing properties of living organisms. Since 1999, DNA-related frequencies have been used against unwanted pathogens. Starting In 1930 with Royal Rife's research in discovering the appropriate frequencies that would kill various pathogens, in spite of the constant opposition against his research and the efforts to discredit him (he ended up dying bitter and penny-less), various similar studies ensued. And in the late 1990's his research was picked up by Sharlene Boehm, a researcher who developed a mathematical formula to calculate the "Mortal Oscillatory Rate" (the frequencies at which pathogens could self-distract). After establishing a number of biophysical and harmonious relationships with regard to certain pathogens' DNA, a pattern was discovered which could influence these frequencies and a patent was granted in the United States for this accomplishment on October 9, 2007. These frequency sets for common human pathogens are available @ [dnafrequencies.com](http://dnafrequencies.com).

In an article recently appearing on the web<sup>2</sup>, after reference to the work of Jean-Claude Perez<sup>3</sup>, the proposition is made that the whole human genome appears to be organized according to musical theory and after asking the question whether this is feasible from a natural evolution perspective, the article suggests that it seems as if God is playing music. It subsequently mentions the research by Scottish composer Stuart Mitchell and peers which has revealed that DNA is a cosmic musical score operating triplets of rhythm at over 3000 beats a minute. The researcher Susumu Ohno<sup>4</sup> says: “the principle of repetitious recurrence pervades every aspect of life on this earth. Thus, individual genes in the genome have been duplicated and triplicated often to the point of redundancy [...] musical compositions also rely on this principle of repetitious recurrence. Accordingly, coding base sequences can be transformed into musical scores using one set rule. Conversely, musical scores can be transcribed to coding base sequences of long open reading frames”<sup>5</sup>.

In another rapprochement of science and music, the Berlin based Cellist and composer Thilo Krigar is exploring the flow of genetic information by translating it into music. “His work is based on biological concepts, stressing the parallels between biological processes and human creativity. He wants to give the listener a musical experience of the biochemistry in the cell and to become progressively aware of the life process taking place within ourselves”<sup>6</sup>.

Dr. Aurora Sanchez Sousa, a piano-playing microbiologist is a member of a team at Madrid’s Ramon y Cajal Hospital, which visualized the human genome as music by unraveling the DNA’s double helix and picturing its components lined up as piano keys with a note assigned to each one. “DNA or Deoxyribonucleic acid”, she says, “is composed of long strings of molecules called nucleotides, which are distinguished by which of four nitrogen-containing bases they contain: adenine, guanine, thymine or cytosine represented as A, G, T and C. These are the musical notes.”<sup>7</sup>



Figure 2: The DNA’s double helix and picturing its components lined up as piano keys with a note assigned to each one

<sup>2</sup>Sacred Geometry. Phi and music in DNA. [www.sacred-geometry-es.com/content/phi-and-music-dna](http://www.sacred-geometry-es.com/content/phi-and-music-dna)

<sup>3</sup>Perez, Jean-Claude. French interdisciplinary scientist who proved that DNA coding for genes is structured by proportions related to the Fibonacci numbers. See his paper: *Codon Populations in Single stranded Whole Human Genome DNA Are Fractal and Fine-tuned by the Golden Ratio 1.618*”. (2010). *Interdisciplinary Science Comput Life Sci* 2:228-240

<sup>4</sup> Japanese-American geneticist and evolutionary biologist who believed that the evolution in life through repetitive sequences in the genome was similar to the evolution of complex musical scores.

<sup>5</sup> Ohno, Susumu; Ohno, Midori (1986). *The All- Pervasive Principle of Repetitious Recurrence Governs Not Only Coding Sequence Construction But Also Human Endeavor in Musical Composition*. *Immunogenetics*, 24, 71-78.

<sup>6</sup> Mossinger, J. (2005). *The Music of Life*. *Nature* volume 435, p. 280 <https://doi.org/10.1038/435280a>

<sup>7</sup> Woolls, Daniel (2003, Jan. 17). *Researchers Translate DNA Code as Music*, Midland Daily News.

Pythagoras<sup>8</sup> had experienced one of the cosmological views of modern physics, namely that the universe is composed of infinitesimally minute vibrating filaments, hence his work on harmonic relationships and his expositions on the movement of the celestial bodies producing what he had called “the music of the spheres”.

The spiritual masters have taught that the human body contains the whole universe. Within the human energy field, the horizontal lines are like musical notes to play upon. For the Pythagoreans the distances between the planets have the same ratios as harmonious sounds produced in a plucked string.

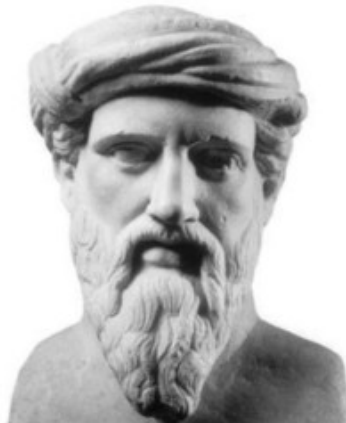


Figure 3: Bust of Pythagoras of Samos in the Capitoline Museums, Rome

Among the teachings of Hazrat Inayat Khan<sup>9</sup> in *Sufi Teachings Volume II The Mysticism of Music, Sound and the Word*, there are numerous statements in this spirit: In this volume (one of the 14 volumes into which his lectures have been grouped together by his students) he describes the ancient Sufi practices in terms of sound and music. He refers to his composition of songs and his playing of the vina<sup>10</sup>; and he concludes that practicing this music he arrived at a stage where he touched the music of the spheres. Then every soul became for him a musical note, and all life became music.

In chapter 1, p.1 of the same volume we read that everything is a vibration. The mineral, vegetable, animal and human kingdoms are the gradual changes of vibrations, and the vibrations of each plane differ from one another in their weight, breadth, length, color, effect, sound and rhythm. Man is not only formed of vibrations, but he lives and moves in them...his different moods, inclinations, affairs, successes and failures, and all the conditions of life depend upon a certain activity of vibrations that accounts for the variety of things and beings. This vibratory activity is the basis of sensation and the source of all pleasure and pain: its cessation is the opposite of sensation. All sensations are caused by a certain grade of activity of vibration.

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<sup>8</sup> Ancient Greek mathematician, philosopher and mystic 6<sup>th</sup> century B.C.

<sup>9</sup> Hazrat Inayat Khan (1882-1927) musician and founder of the Sufi Order in the West. His teachings have been transcribed by his students from his lectures given between 1914 and 1926 in fourteen volumes. (2002). *Sufi Teachings Volume II The Mysticism of Music, Sound and the Word*.

<sup>10</sup> Traditional Indian musical instrument.

Plotinus<sup>11</sup> expounds on the relation of music and harmony to beauty and virtue, speaks of the universal harmony of the heavenly spheres and refers to Pythagorean and Platonic theories on the subject. Referring to a correspondence between the spiritual/metaphysical to the sensible and material he characteristically writes<sup>12</sup>: “and harmonies unheard in sound create the harmonies we hear and wake the Soul to the consciousness of beauty, showing it the one essence in another kind: for the measures of our sensible music are not arbitrary but are determined by the Principle whose labor is to dominate Matter and bring pattern into being”<sup>13</sup> Here the concept of music or sound is related to “the Principle whose labor is to dominate Matter and bring pattern into being”. This is reminiscent of the Pythagorean doctrine of the soul’s harmony. In Plotinus’ words<sup>14</sup>: “Soul belongs, then, to another nature. What is this? Is it something which, while distinct from the body, still belongs to it, for example a harmony or accord? This view, which the Pythagorean school holds with some difference, envisages the Soul as comparable to the accord of the strings of a lyre. When the lyre is strung a certain condition is produced upon the strings, and this is known as accord: In the same way our body is formed of distinct constituents brought together, and the blend produces at once life and that soul which is the condition existing upon the bodily total”. This last passage referring to the Pythagoreans, besides being interesting in its own merit, is extremely important as a valid reference to Pythagorean doctrines of which we do not possess statements from the original source.

Wanda Diaz-Merced, a blind astrophysicist from Puerto Rico, studies the universe through sound and believes it has its own harmony. Scientists are inspired by Wanda’s sonified data and used it to create musical compositions. She is based in South Africa and continues her work in sonification and analyzing data from the sky through sound. Wanda lost her sight due to Diabetes and had never had the opportunity to look through a telescope.

During an EMIC film which appeared recently in UPLIFTTV with the title “*MUSIC OF THE SPHERES*”<sup>15</sup> she expresses her way of studying and experiencing the universe through sound: In her own words: “Everything in the universe is such a beautiful symphony all the time. Each piece of data is given as sound. Everything in the universe has its own voice, its own personality, the way it communicates through sound. If I confer into sound different measurements and listen to them it sounds like a symphonic orchestra. You can get a sense of the science inside that orchestration. In the past it has been spoken of as the music of the spheres. The universe exists in this wonderful harmony. If we only see with our eyes our perception is very narrow...”.

In various Spiritual paths it has invariably been expressed in symbolic language or in plain descriptive systems that everything we perceive as reality is a vibration, including thoughts, feelings and various perceptions based thereupon, and that in order to reach what in spirituality and philosophy would be called “true knowledge” or “wisdom” one has to transcend these vibrations.

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<sup>11</sup> Plotinus of Lycopolis: Greek philosopher of the 3<sup>rd</sup> century. The name “Neoplatonism” was invented and attributed to his philosophical system by 19<sup>th</sup> century scholarship. His writings had a major influence on Pagan, Jewish, Gnostic, Christian and Islamic mysticism.

<sup>12</sup> The translation of Plotinus’ text is by Stephen McKenna unless otherwise stated.

<sup>13</sup> Plotinus, *Ennead.*, I.6.3.28-29

<sup>14</sup> *Ibid.*, IV.7.1-8

<sup>15</sup> EMIC originals (2017, June 14). *Music of the Spheres. Wanda Diaz-Merced studies the universe through sound.* <https://www.emicfilms.com/original>



The model of the chakras and vortices of spinning energy vibration is a good example of this process of “evolution” through various vibratory frequencies. The symbolic language of a specific esoteric doctrine (expounded in the tradition of Yoga) is used to express the spiritual pathway of transformation derived from the experiences of those who have achieved the final goal.

According to Yogic doctrine, aligned along the central channel of our body, called the Sushumna channel, running from the base of the spine, which the Greeks named the sacred bone, to the crown of the head, there are seven levels of manifestation (comparable to the seven manifestations of deity in the Sephirot of medieval Judaic mysticism known as the Kabbalah) forming a rainbow bridge and the stepping-stones from matter to spirit. These are the whirling chakras which spin what is called the ‘auric field’ or the perceptible auras of colour emanating from the physical body. Their spinning is caused by the intersection of two basic currents passing between the chakras. The centres of the chakras turn like gears that transport us along the trip or journey that is called life.

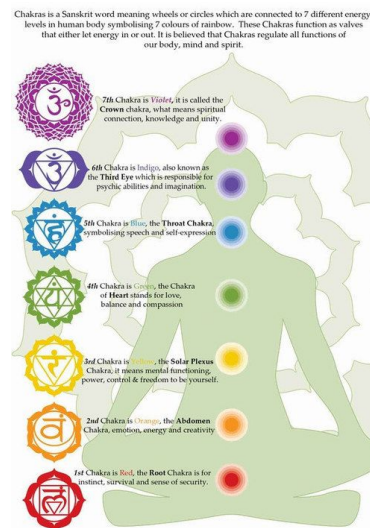


Figure 4: The Seven Levels of Manifestation (chakras)



Figure 5: Schematic Representation of the Spiral Energy of the Chakras

Let us use the third chakra for example. The third chakra, the Manipura, is the one that represents personal power, the right to think, the balance of intellect, self - confidence and ego power, ability for self- control. Its element is fire. Expressed in symbolic language, this fire carries us and sustains us as we burn through the ego and dissolve through the true source of power.

This chakra is depicted in the area of the solar plexus, the one from which the Homeric heroes live and function, the one from which it is very difficult for the western man to evolve, according to Carl Jung<sup>16</sup>. The representation of this chakra at the solar plexus, a location between the stomach and the spine, coincides with the neural projections in this area which radiate outwardly in a sun-like fashion.



Figure 6: The Manipura Chakra



Figure 7: The Location of the Manipura chakra in the Auric body

Jung's interpretation of the chakras as represented in Yoga has been regarded as a milestone in psychological understanding of Eastern thought. According to Jung, the individual on the spiritual journey, arising from the previous chakra - the element of which is water and analogous to the baptismal symbolism in the Christian Tradition -, has to awaken to a reality beyond one's self to that of the divinity symbolized in so many religions with fire, the sun and the light, the reality beyond me and mine, the perception of oneness with the universe. In this process the aspirant has to be initiated through fire.

We can recognize the successful passage through this landmark in the similar symbolism of Moses and the bush that was burning without being consumed. In the Greek mythological language Icarus' wings get burned and he falls to the earth, Semele is burned to ashes by the vision of Zeus in his divine essence. There is no shortcut to the transformation of the matter into spirit. This path can be so elusive without proper guidance and preparation as the

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<sup>16</sup> Jung, Carl. (1999). *The Psychology of Kundalini Yoga*. Princeton University Press. Notes of the Seminar Given in 1932



concept of the philosopher's stone. (Actually, this may have been the initial meaning of the concept of transforming base metal into gold). The same fire that strengthens and sustains can burn the inept and not yet ready. Spiritual traditions emphasize the importance of preparedness and of the appropriate guide for undertaking the path that leads to awakening one's inner power and to merging with Universal Consciousness.

The awakening of this dormant inner power is considered dangerous for the profane and unprepared. Such an awakening has been termed as a "kundalini crisis" exhibiting physical and psychological symptoms that can be frightening and even fatal. This brings us back to the reverend secrecy surrounding the ancient religious rites and probably even those that are still practiced today. They have probably been established to protect the inept and the unprepared and safeguard the path for the serious initiates.

If there is a reality which extends beyond the physical world and its manifestations, and most spiritual traditions tend to agree on that point, there must be ways to access this reality. Or, as Stephen Hawking put it, if we want to read God's mind, we must first understand God's language.

Which is God's language? According to the Pythagoreans and Plato himself, God's creation - or that which we perceive as the physical Universe as well as the one beyond the physical (including that which we will call the soul of the Universe or the "Universal Soul") resonate with the harmonious vibrations emanating from the Divine Source. According to Plato and Pythagoras, God's language is mathematics. The Cosmos operates in accordance with certain laws which can be approached by the human potential. One approach into the inner workings of these laws is through mathematics and modern science would agree with that. Modern science will also agree that at the level of trying to reconcile quantum mechanics with the theory of relativity and the behavioral patterns of the "black holes" there is a lot of speculation, and in certain instances the working out of mathematical equations surpass the level of intellectual understanding. In other words, we know that the mathematical equations work, but we cannot always explain why. And this is the point where science and mystical theology, or plainly "mysticism" meet.

Carrying his experiences one step further than modern physicists, Pythagoras maintained that a person should align himself to the universal harmony by aspiring to the development of a healthy body, mind and spirit through exercise, proper diet (a vegetarian diet) and meditation/prayer. In this way he could experience alignment and union with God. And this is exactly what most spiritual traditions aspire to: the total alignment of the individual spirit or soul with what they identify as universal harmony (or energy) and hence union with it.

Here we find again the concept of Universal vibration, harmony and oneness with all.

The aim of all spiritual paths is to attain access to the initial state of "being" that of being one with the "creator", the one beyond being, the "One" of Plotinus, the unmoved mover of Aristotle, the Christ Consciousness of the Christians, the Universal consciousness of the Yogis. This is the state of cessation of all grades of activity, the state beyond the moment of creation (or the "big Bang" of the physicists).

And the closest definition of this cessation of activity in the world of thinking and language is: peace, or silence. This is why mystics throughout the ages have emphasized peace and

silence. Both words essentially mean cessation of all vibrational activity in order to reach the initial state of being one with the Divine.

In the “Philokalia”<sup>17</sup> Saint Peter of Damascus<sup>18</sup> comments on the value of stillness: “..Stillness is the highest gift of all, and without it, we cannot be purified and come to know our weakness.....neither will we be able to understand the power of God.....”<sup>19</sup>

What is this stillness or peace? Is it a state of annihilation? All spiritual traditions suggest or plainly state that this is a state of annihilation of the limited individual ego. And since this is the only one with which most of us identify, the process of this kind of annihilation can be a scary experience and anticipation. Reaching these subtler realms of reality can also be dangerous or harmful for those who are not ready. Hence Jesus’ admonition to his disciples: “Give not what is holy unto the dogs, neither cast your pearls before the swine, lest they trample them under their feet, and turn again and rend you”.<sup>20</sup> This is why for those who have not experienced these realms of reality the possibility of such experiences is a mere concept. And this is why there is such great resistance when looking into such possibilities. This is also why there is a dire need of a Teacher.

In ancient Greek philosophy the divinity is without movement. It is the “unmovable mover” of Aristotle, the “One” of Plotinus, the one beyond the vibrations of the intellect of the mystics. This is probably what is meant by achieving the state of “stillness”. It is the state of cessation of the continuous flow of thinking which in Yoga is called “the modifications of the mind”. This could explain why in a deep state of prayer or meditation one loses the sense of space and time. Because space and time and the whole realm of reality is the creation of the thinking process of the “Universal Mind” as emanating from the “One” or the Divine, - to mention one philosophical explanation offered by Neoplatonic philosophy.

In our western scientific approach to human consciousness we identify it as a function of the brain producing what essentially is an accumulation of thoughts and emotions belonging to the physical realm of our existence. According to what has been observed, however, during the transition from life to death, the laws of the physical world no longer apply, unexpected phenomena happen and these phenomena do not follow the traditional laws of neuroscience. What happens is beyond the function of the brain.<sup>21</sup> When the vibrational energy of the body slows down, approaching the point of stillness which in physiology we call death but in deep meditation we call the cessation of the modifications of the mind, one can reach the state from which true visionary experiences originate.

This could explain the amazing experiences described by Dr. Eben Alexander<sup>22</sup> who in his book *Proof of Heaven: A Neurosurgeon’s Journey into the Afterlife* (2012) describes his fantastic journey in another realm, beyond the physical perception of reality, while being in a Coma caused by a severe case of bacterial meningitis which attacked his brain and rendered

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<sup>17</sup> A collection of texts written between the 4<sup>th</sup> and 15<sup>th</sup> centuries by spiritual masters of the Eastern Orthodox Church

<sup>18</sup> Monk who lived in a small monastic village in Syria ( 1027?- 117?)

<sup>19</sup> *Philokalia*, (1983). translated by Philip Sherrard, “Spurious Knowledge,” Vol. III, p. 194. Faber and Faber, London.

<sup>20</sup> Mathew 7:6

<sup>21</sup> Bruce Greyson, MD. (Spring 2005). Lecture from the international association for near-death studies 2004 annual conference. Journal for Near-Death Studies.

<sup>22</sup> Dr. Eben Alexander. American neurosurgeon and author, born 1953.

his entire cortex (the parts of the brain that give us consciousness, thought, memory and understanding) not functioning.

According to Yoga the accumulation of thoughts and emotions (which we call ordinary human intelligence) is physical – and here there is an agreement with science- but that is where the similarity ends. According to Yoga -and science is beginning to tackle this possibility as well- intelligence is not only a product of the brain, but is dispersed throughout the whole molecular system. In fact, In Yoga thoughts and emotions are not that important. On the contrary, there is a constant effort in yoga practices to curtail and guide the incessant stream of thoughts and of the emotions produced as their result. Our thoughts and emotions are the product of the huge accumulation of data which is helping us to survive. But when they exceed their natural reason of existence and take over our whole functional approach to our life, they form the stumbling block which separates us from the part of our consciousness which is one with what in most spiritual traditions is considered as: “Universal Consciousness” or Universal Vibration or the Divine cause of all. And this separation creates the state of illusionary existence that Plato describes in his “Allegory of the Cave”<sup>23</sup>. A much more poignant depiction of this state of illusionary existence presenting humanity enslaved in the net of modern technology and demonstrating the necessity of raising contemporary consciousness comes from the *New York Times*:



Figure 8: From *The New York Times Literary Supplement*, May 22, 2018 by Elia Baron. It reads: “Plato’s Cave” followed by an excerpt from the conversation between Socrates and Glaucon as presented in the relevant section from the *Republic*. The excerpt reads: “How could they see anything but shadows if they were never allowed to move their heads?”

We find ourselves in a similar predicament today, only our prison is modern technology when it is used in producing an incessant stream of intellectual activity alien to the harmonious universal vibration with which we are meant to align ourselves. This incessant stream of thinking is interrupted during periods of deep prayer or meditation. A similar experience can be accidentally achieved during periods of extreme stress (dying, near death experiences, extreme shock or with the aid of external entheogenic facilitators like artificially induced DMT, psilocybin mushrooms, et c.)

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<sup>23</sup> Plato. *Republic*, Book VII, 514a-519d

There is an intelligence beyond physically acquired experiences and that is what in most spiritual paths is accepted as higher Consciousness in a human being. And the degree of this Consciousness we possess determines the scale and quality of our life. If we disengage from the physicality of what we have accumulated during our lifetime, there is no perception of time or space. The world, as we know it, does not exist. Or, put another way, the whole Universe can be contained within each one of us. And this was probably the meaning of the answer uttered by the first Yogi - according to Yoga tradition- as to the meaning of the world: "I can pack your Cosmos into a mustard seed"

This may be the meaning of the saying by Jesus when the disciples asked him: "tell us what the kingdom of God is like: he said: "it is like a mustard seed the smallest of all seeds"<sup>24</sup> and: "the kingdom of heaven is likened to a grain of a mustard seed"<sup>25</sup>. Or, as mentioned in the Gospel according to Luke<sup>26</sup> "the kingdom of God is within you".

## **Conclusions**

According to science everything is energy and everything vibrates in the universe. In various spiritual paths, expressed in symbolic or plain descriptive systems, the message is that everything we perceive is a vibration, including our thoughts, feelings and various perceptions based thereupon.

Scientific research since the early 19hundreds as well as recent endeavours have explored therapeutic resonant frequencies for human pathogens, attempted to reprogram our DNA, or to translate the information encoded in it into music.

According to various spiritual paths and even famous modern physicists the universe is a harmonious vibration, deviation from which creates disharmony and gradual distancing and alienation from what spiritual paths call the "divine source" or the "universal consciousness".

If spiritual concordance can be translated into harmonic wavelengths and spiritual dissonance into discordant wavelengths, it seems that according to most spiritual traditions we find ourselves in a state of a spiritual dissonance with what we could call "universal consciousness" since most of our existence has been taken over by an excessive and overreacting use of the intellectual aspect of ourselves.

Most spiritual paths agree that in a human being there is an intelligence beyond physically acquired experiences usually described as higher consciousness. And the degree of this consciousness we possess determines the scale and quality of our life. If we disengage from the physicality of what we have accumulated during our lifetime, there is no perception of time or space. The world as we know it does not exist. And the illusionary reality we have constructed for ourselves is destroyed.

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<sup>24</sup> Gospel of Thomas, saying 20

<sup>25</sup> Mathew 13:31

<sup>26</sup> Luke 17:21

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