Nikola Tesla - Prometheus of the New age

Knowledge of ancient civilizations, woven into the structural matrix of the pyramid and sacral buildings, that actually are a highly-sophisticated energy machines - went several times beyond our present-day knowledge. Nikola Tesla was one of the first scientists of our civilization that seriously approached this knowledge

»Years ago I was in the position to transmit wireless power to any distance without limit other than that imposed by the physical dimensions of the globe. …When there is no receiver there is no energy consumption anywhere. … That is the exact opposite of the Hertz-wave system. … it is radiating all the time whether the energy is received or not; but in my system no power is lost.« [1]

Nikola Tesla

Nikola Tesla scientist of the past and the future

There is no doubt that Nikola Tesla was one of the most important people of our civilization. Bearing in mind the number of his realized and unrealized patents and width of theirs application's area, , it is really hard to measure Tesla's contribution to technological progress of the modern world. To the wider audience Nikola Tesla is known for the discovery of the rotating magnetic field, alternating current and a lot of interesting effects of great voltages and high frequencies - which impressed the world. However, true greatness of Tesla's work and the depth of his insights into the structure of the True Realitiy and principal mechanisms of the Cosmos and Nature – just looms these days.

In fact, everything what we know about the Nikola Tesla's work is based on only sixteen years of his life - from his coming to America in 1884, "... in the age of 28, with many ideas and only four cents in his pocket …!", until the end of his stay in Colorado Springs and completion of experiments with his famous "Magnifying transmitter" during the 1900s and several years thereafter. Almost all of Tesla's patents originate from that short period of about two decades of his life. It is more than interesting that we don't know almost nothing about his work on his most controversial machine – World's radio station - "Wardenclyffe Tower" on Long Island, and especially about all the things he did after this his "unfinished project" until the end of his life - so 40 years of this genius work is almost unknown to us.

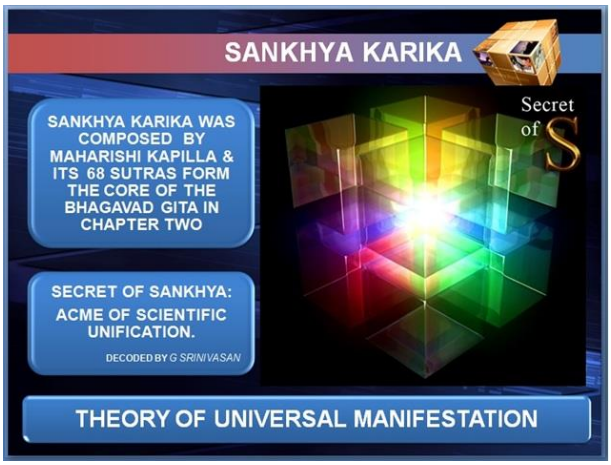
In one of his numerous interviews, Tesla says: "All my doubts and concerns I solved in Colorado Springs," but nevertheless - all his experience, knowledge and insights dissipate and become covered with the fog of forgetfulness. The work of this genius scientist and inventor in his mature years - we do not know - except in the form of guesswork and speculation, such as, for instance, the case of his "driving an electric car", "Pierce-Arrow" or the events related to the famous Philadelphia Experiment "...

However, there are some records and interviews in which he presented some of his thoughts - but they are so fantastic that even today only few believe in their veracity and / or feasibility. Yet, all of my theoretical and practical researches indicates that it should be hardly trusted to this undoubtedly greatest "technical wizard" of our civilization.

Nikola Tesla was obviously fully aware of the enormous qualitative superiority of his system and farsightedness of his ideas - as evidenced by his words: "The present is theirs; the future, for which I really worked, is mine !". What's more, Tesla's statement: "The day Science begins to study non-physical phenomena, it will make more progress in one decade than in all the previous centuries of its existence.", speaks in favor of an extremely high level of awareness that he reached and, in fact, points to the true power of his idea - whose time, apparently, is yet to come!

Accordance of Tesla's cognitions with the general-cosmic principles of Nature

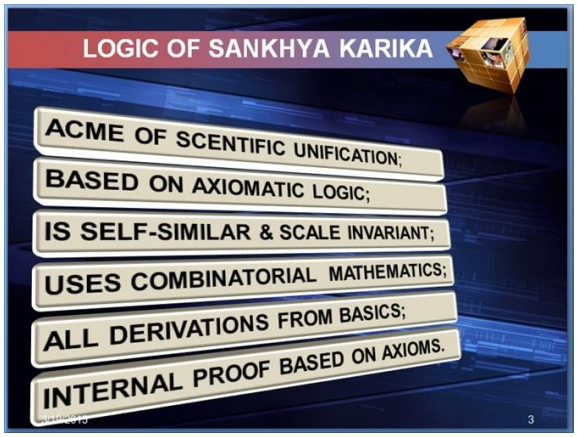
What convinced me personally in the power and importance of Tesla's cognitions is great accordance between the principles that he applied to his machines with the general cosmic principles of Nature and its mechanisms developed over millions of years of evolution expressed through "Technologies of Providence," whose perfection is shown through the immaculate functioning of the Cosmos, solar systems, flora, fauna ...



The fact about indubitable and full analogy between axiomatic principles of Sankhya [2], the concept's that was developed by ingenious Maharishi Kapilla before more than 12 000 years ago - and Nikola Tesla thoughts, have made me more convinced to the magnificence, true significance and feasibility of Tesla's ideas. Their full analogy and more than obvious similarity, clearly and unambiguously indicate the depth of Tesla's insight into the structural mechanisms of nature, described in ancient Vedic scriptures, whose age is estimated at more than 30 000 years ago.

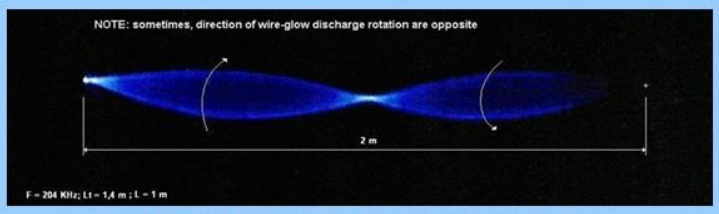
Sankhya is a unified field theory based on eternal, harmonious, oscillatory state of a "base substrate" - "multilayered space" - whose structure and dynamics form of its elementary entities makes the basis of all forms of existence of manifested and non-manifested phenomenons.

It is based on numerical axioms and does not violate the principle of causality. By creating all manifestations and forms of existence as a holograms in the dynamic substratum, supported by precisely defined structures vibration, its direction, intensity and speed of theirs changes, that is all formulated in the form of unchangeable, dimensionless scale, based on the principles of self-similarity and universal applicability - all relativistic limits have been overcome.



Agreement between axiomatic principle of Sankhya and Tesla's cosmogony is amazing, although he had never formulated it in a unified written form, but which can still be achieved by synthesis of his numerous statements. The fact is that Tesla was familiar with the terminology and Vedic philosophy basic assumptions as is evidenced by preserved correspondence among him and the Hindu teacher Swami Vivekanada, during 1895, where they discuss Tesla's idea that he: "… can demonstrate mathematically that force and matter are reducible to potential energy". What's more, they met persomnally in Tesla's laboratory in New York when Vivekananda was delighted with Tesla - as a man and as a scientist.

"… I was very lucky to discover new and amazing phenomena, such as rotating magnetic field, glowing of wireless vacuum tubes and many other high frequency effects, which amazed the world, BUT WHAT IMPRESSED ME AS MORE BEAUTIFUL THAN ANYTHING ELSE WAS THE DISCOVERY OF STATIONARY WAVES, to which I came in 1899, and which showed that that the whole planet on which we live, despite its incomprehensible size, could be made to response with vibration to the lowest whisper of human voice. …".



"Electro-Mechanical" standing wave created by Tesla transformer, G.Marjanovic, weekend house, V.Borak, October, 2005.g.

"All perceptible matter comes from a primary substance, or tenuity beyond conception, filling all space, the Akasha or luminiferous ether, which is acted upon by the life giving Prana or creative force, calling into existence, in never-ending cycles all things and phenomena."

Nikola Tesla, Man's Greatest Achievement, 1907 (1)(2)

Despite numerous analogies between Tesla's principles and Vedic teachings and undoubtedly Hindu teachings influence on his ideas, there is no doubt that he came to his cognitions alone, due to his own reflections. Meeting with Vivekananda probably just initiated his imagination, sharpened his intuition and focused his thoughts on the same mental address of the morphogenetic field that was "read" by all of the greatest thinkers of this civilization, with similar levels of consciousness. This is evidenced by his description of the universe that is given before he met with the Eastern teachings [3]:

"Ere many generations pass, our machinery will be driven by a power obtainable at any point in the universe. This idea is not novel... We find it in the delightful myth of Antheus, who derives power from the earth; we find it among the subtle speculations of one of your splendid mathematicians... Throughout space there is energy. Is this energy static or kinetic.? If static our hopes are in vain; if kinetic - and this we know it is, for certain - then it is a more question of time when men will succeed in attaching their machinery to the very wheelwork of nature.".

However, the true magnificence and power of Tesla's intuitive thoughts and autonomy of his findings can best be illustrated by a description of his Stationary waves discovery [4] that he done on July 4, 1899th observing the storm discharges and which showed "that the whole planet, in spite of its all inconceivable size, may be forced to vibrate with quietest whisper of the human voice. ".

1. "Nikola Tesla Patenti II", Zavod za udžbenike i nastavna sredstva, Beograd,1996.g.

"It is too noted that the phenomenon here involved in the transmission of electrical energy is one of TRUE CONDUCTION AND IS NOT TO BE CONFOUNDED WITH THE PHENOMENA OF ELECTRICAL RADIATION which have heretofore been observed and which from the very nature and mode of propagation would render practically IMPOSSIBLE THE TRANSSMISION OF ANY APPRECIABLE AMOUNT OF ENERGY TO SUCH DISTANCES as are of practical importance. ..."

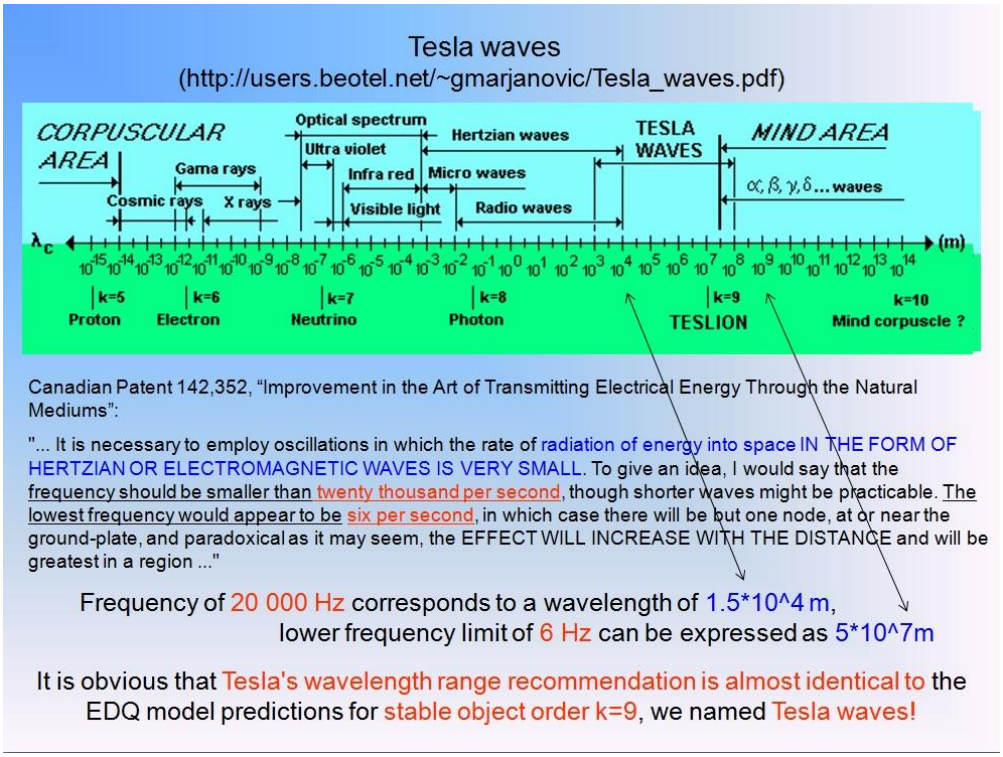
2. Canadian Patent 142,352 – "Art of Transmitting Electrical Energy through the natural Medium":

"... IT IS NECESSARY TO EMPLOY OSCILLATIONS IN WHICH THE RATE OF RADIATION OF ENERGY INTO SPACE IN THE FORM OF HERTZIAN OR ELECTROMAGNETIC WAVES IS VERY SMALL. To give an idea, I would say that the frequency should be smaller than twenty thousand per second, though shorter waves might be practicable. The lowest frequency would appear to be six per second, in which case there will be but one node, at or near the ground-plate, and paradoxical as it may seem, the EFFECT WILL INCREASE WITH THE DISTANCE and will be greatest in a region diametrically opposite the transmitter ..."."

Very few people believes in this Tesla's statement, but it is no wonder, because - really - how can Earth, thousands of kilometers in size and weight of thousands and thousands of tons respond to someone whisper. However, Tesla always carefully contemplated his every word, and certainly never said nothing without good reason. But there are more controversial Tesla's statements about the work of his machines. In his well documented statements [5,6] Tesla literally claims that his system for energy transfer must not be interpreted as a phenomenon of electrical radiation *("…System of energy transfer must not be confounded WITH THE PHENOMENA OF ELECTRICAL RADIATION because this method is highly inappropriate for the TRANSSMISION OF ANY APPRECIABLE AMOUNT OF ENERGY TO SUCH DISTANCES as are of practical importance ...". Moreover, Tesla emphasizes that the radiation in the form of "Hertzian" form of EMW should be minimal ("RADIATION OF ENERGY INTO SPACE IN THE FORM OF HERTZIAN ELECTROMAGNETIC WAVES SHOULD BE VERY SMALL.")!* This is one of the most disputed his ideas. In fact, Tesla quite unequivocally claimed that he does not work with "Hertzian" waves but with the waves of a very different kind, which he called "Non-Hertzian".

Tesla waves

What is it about? Next to mechanical waves that we can see on the surface of the lake e.g., there are electromagnetic waves of a very wide range of frequencies - from radio waves through visible light and gamma rays to x-rays and cosmic rays.

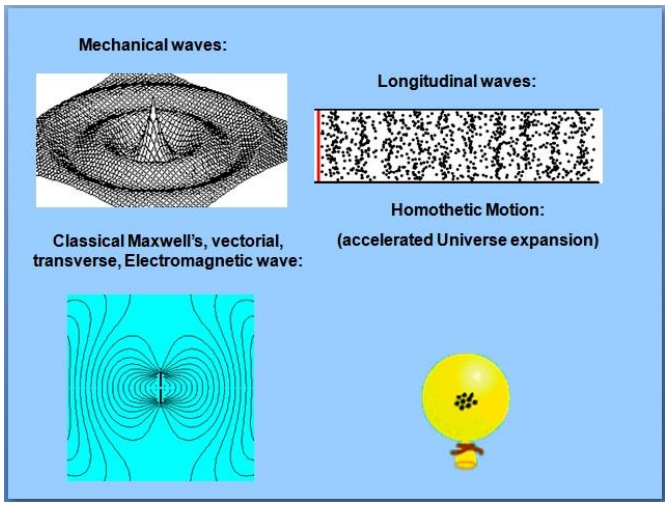


These classic, vectorial, transversal EM waves - or so called "Hertzian" electromagnetic waves, are those that was first produced by H.Hertz and described by J.C. Maxwell's equations, whose theory is the basic of modern electromagnetism. However, a little puzzling is the fact that the original J.C. Maxwell's equation

were written in the form of quaternion, hyper complex numbers, and include some solutions that allow the existence of scalar fields and/or longitudinal electrodynamics waves. Unfortunately, immediately after Maxwell's death, Oliver Heaviside and his colleagues have simplified and "clarify" Maxwell's original equations and reduced them to today's "modern, simplified form" - a familiar set of twenty vectorial equations, well-known form in which we use them today.

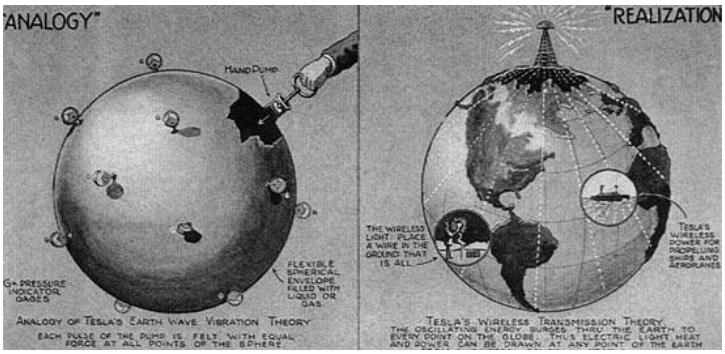
The existence of longitudinal waves is still not fully accepted by scientific public - however, in my opinion and the opinion of many other researchers [7,8,9,10], this energetic vibration form is most similar to that with what has worked Nikola Tesla.

The reason why is this energy form "expelled" from science, likely is the fact that in that kind of energy vibrations, where the oscillation has the same direction as the direction of wave propagation, it can not be maintained the constancy of its propagation speed and such waves - theoretically - can attain arbitrarily high movement speed.



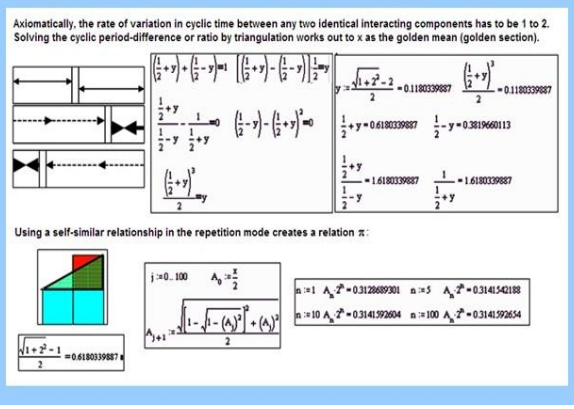
According to my research, what is the most similar to Tesla's electrodynamics vibration that he called "Non Hertzian" are whirling, "volumetric", or "cubical" vibrations that occur in a some kind of "breathing regime" It is more than interesting that exactly the same structural mechanism of such "3D oscillations" are described in the ancient Vedic scriptures [2].

As we already mentioned, referring to the "Art of the transmission of electricity through natural media" [6], Tesla emphasized that it is necessary to create oscillations in which the rate of energy radiation in the form of the classic, "Hertzian" electromagnetic waves is very small. This, very controversial, statement Tesla illustrated with picture of the Earth to which the pump is attached, so that movements of its piston causes a INSTANT CHANGES IN IN TO THE PRESSURE ON THE WHOLE SURFACE of the "Earth-ball" - and what is detected by numerous manometers "set" on the surface of the globe in various locations, from the north to the south pole . Using this analogy Tesla clearly indicate to the volumetric (3D) structure of its energy vibrations as a significantly and substantially different electrodynamics form in regard to the classical, vectorial, transversal form of EM waves.



... Sankhia is one of the philosophical trends of ancient India based on the Vedas, whose age is estimated at about 33 000 years. It was written in Sanskrit. It includes two opposing concepts: materiality and spirituality, uniting science and religion.

Sankhia is unified field theory based on the eternal, harmonious, oscillatory condition (Perpetual Hrmonic Oscillator) which forms a dynamic basis for all events...



Analysis of the cyclical periods and all of the possible relations between expansive, compressive and resonant states are provided in the "Mathematical section" of Sankhya [2], where it is demonstrated that all these states can be expressed by a single law in which the proportionality of all three types of forces that exist at the same time can be described with only one variable - but just under one condition. The resulting solution shows that the ratio must have a value of the golden mean (golden section)!

It is impossible to overstate the importance and significance of this information. Especially due to the fact that it dates from pre-glacial era. According to the findings of modern science, this value is interwoven into all aspects of the Nature , from the genetic code, structure of plants, animals and human, via religious buildings to artistic creations, music, paintings, sculptures, literary works etc.

It is really astonishing fact that the ancients knew - not only for the golden ratio - but also the number of π, base of the natural logarithm and their mutual relations. What's more, in ancient texts it have been shown that in the certain regime of repetition, using self-similar relationship with a value equal to the golden ratio - □ number is obtained, and similarly (with a different regime) - the base of natural logarithm.

... All manifested phenomena, from the the omnipresent gravity and onwards, appear only due to changes in the oscillatory holographic condition rate - trying to restore its equilibrium, axiomatic cyclical transmigration of stresses (preasure, voltage, potential, ...) position by changing a state from a larger to a smaller number of counts ...

A larger number of interactive components (sequentially) or relatively higher intensity of action (simultaneous) - as a single unit - will always strive to the value of natural logarithm: 2718 (e).

$$e = \left[\left(\frac{N}{N-1}\right)^{N-1} = \left(1+\frac{1}{N-1}\right)^{N-1} = 2.7182818285\right]$$

The ratio e/π represents Thaamasic coherent state of simultaneity where all interactions operate internally – as a single unit.

$\pi = 3.1415926536$ RS = 1.0204081633

$e = 2.7182818285$ $\frac{\pi}{e} \times \frac{10}{RS\ 7} = 1$

$x = 0.6180339887$

Velocity of light is defined as:

$$c = 10^{\frac{1}{\varphi - 1/2}} = 10^{\frac{1}{0.618 - 0.5}} = 10^{8.47214} = 296\ 575\ 966 \text{ cikl./sec.}$$

All space is always in dynamic oscillatory mode, with axiomatically defined vibration rate of 296 575 967 oscillations per cycle of 10 oscillations, i.e. the amount of 299 792 458 oscillations at one meters (of wavelength) per second, and which is identical to the speed of light in vacuum.

The connection between basic mathematical constants, which are - each of them - transcendental numbers - in an integer (finite) relations indicates the holographic structure and fractality of substrate in which they are interwoven, giving him a quality (properties) of a homogeneity, simultaneity and coherence.

The fact that their values are defined by extremely simple, elementary mathematics indicates the ingenuity of their creator.

The most interesting findings, for me, is the speed of light definition, which is also based on the value of the golden ratio !!! It is really more then amazing that, according to one of Sankhya's postulate : "All space is always in a dynamic state of oscillation with axiomatically defined vibration rate of 299,792,458 vibrations in one meter wavelengths per second" - which is absolutely identical to the light speed velocity value measred by modern scietist!

The process of acquiring mass is effect originated by super-positioning of the interactive vortices like waveforms by changing it into a gradually diminishing cyclic interactions that reaches a synchronised and coherent state of balance within the first or primary activity boundary.

Attaining the synchronised and coherent state **eliminates** delay, **inertia** or friction and allows this state to continue unhindered in complete freedom.

Stable Mass particles compared to Planck's constant as energy value.

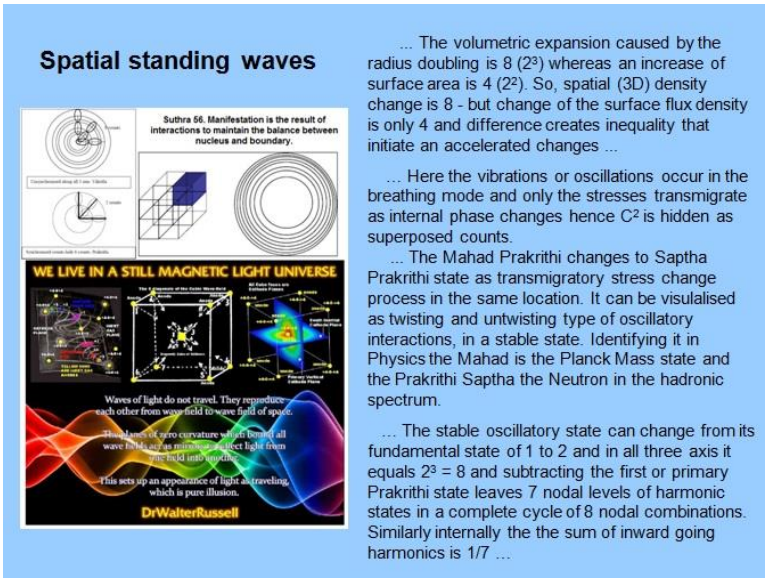
	Sankhya Mass Count	Physics kgs	Sankhya kgs	Sankhya GEV	Physics (name)
Purusha	10e+50	None	0.9149 kgs	5.133e+26 GEV	None
Prakriti Mahat	50-8 =10e+42	2.177e-8 kgs	2.203e-8 kgs	1.236e+19 GEV	Planckmass
Prakriti Sapta	50-25=10e+25	1.672e-27 kgs	1.675e-27 kgs	0.93927 GEV	Proton
Vikriti Mahat	50-28=10e+22	9.109e-31 kgs	9.11 e-31 kgs	0.511 MEV	Electron
Vikriti Spectra	2π 10e+17	6.626e-34 (Joules/sec)	6.7e-34 counts/sec)	53.45 EV x 7 (7 neutrinos)	Plancksconstant. As energy unit
Vikriti Sapta	50-33=10e+17	None	9.53e-35 kgs	53.45 EV	Neutrino
Moolaprakriti	1 count	None	1.344e-51 kgs	7.543 e-16 EV	None

Comparison of axiomatic Sankhya and Einstein's cosmic concepts.

Observations in Universe	Sankhya-derived	Einstein -Estimated
Radius Maximum	19.26 B. L. Y always	18.84 B. L. Y
Time cycle	30.64 B. Y always	29.76 B. Y
Radius Today	12.8 B. L. Y always	13.19 B. L. Y
Hubble expansion rate (conceptual error)	6.283e+17 Change in Entropy of space	Megaparsec / 49000 = 6.23e+17
Critical Closure Density	3.63e-25 kgs/m^3 always	1.48e-26 kgs/m^3
Expanded Envelope	1.5e78 m^3 always	3.83e+79 m^3
Mass of Universe	7.8e +52 kgs.	5.68e+53 kgs
Radius of Universe	5.99e +25m	1.236e +26m

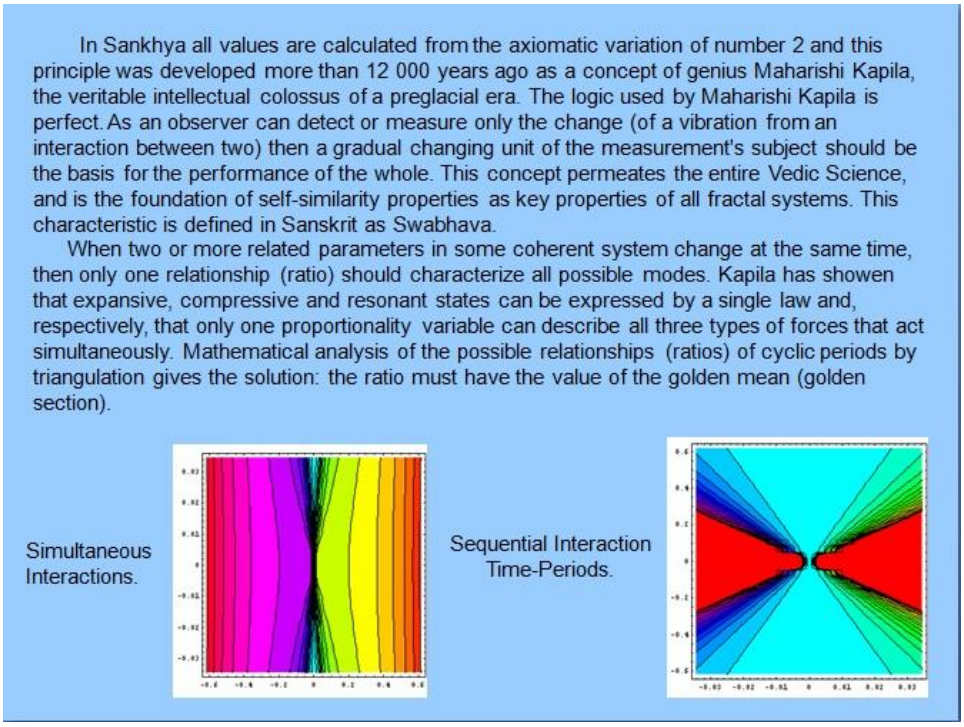
Nothing less impressive there are descriptions of objects mass acquiring process, and whose structure changes from not manifested and undetectable states to material structure with real rest mass, as well as a very precise definition of a series of facilities in the field of micro and macro world. Although science has indicated the existence of black holes at the center of our galaxy just recently, such "exotic object" is described in the Vedic scriptures, even before tens of thousands of years, as: "... the motion of "Dark followers ", which ... although smaller than the Sun is powerful and completely dark, it does not come nothing from it, but everything in it loses ... ". We have to agree that modern science describes the" black holes " in exactly the same way.

For me - as a long-time researcher of Tesla's works, still impressionable is the fact that the principles which he considered and applied in his machines and recommended them for use – are in totally agreement, moreover, are almost identical to Vedic descriptions of "spatial standing waves"; theirs structure and interactive processes that formed all known world from no-perceptible substratum: Mulaprakriti, Hinduistic phenomenon that is structurally close to the concept of Tesla's luminoferous ether, or "entity" that modern science calls "dark matter" - trying to verify theirs latest astronomical measurings.



Tesla's understanding of the spiritual aspects of reality is astonishing also. To a large extent it is consistent and intertwined with Vedic interpretation of the term "Prakriti" - phenomenal matter Empire - as "immaterial" existential categories alike to a various forms of Purusha, i.e. spirit, soul and Consciousness. Unfortunately, Tesla remained misunderstood until the present day.

In Sankhya all values are calculated from the axiomatic variation of the number two and that principle has been developed for more than 12 000 years ago as a concept of genius Maharishi Kapila. His logic is impeccable. As an observer can detect or measure only "the change" than the Unit of gradual change of the object of measurement should be the basis for the derivation of the whole.



According to the axiomatic principles of Sankhya [2], different combinations of simultaneous and sequential interactions define the vibration's set structure whose diversity is based on the variation of one basic motive within the allowable limits. In this way a stable holographic structure of fractal type is built that is created by the volumetric vibrations which make a cubical standing waves whose nodal points are then manifested as a corresponding phenomena.

Although the disturbances transmigrates within the "multi-layered substrate" always is a linear, because the interaction is always directed along the line of action, the relative direction between two axes changes with rates (relation) of mutual interaction between them -so that interactive stress forms (stress/pressure) follows a circular path ...

So Tesla was right. Space is not curved but " disturbances transmigration path" has the vortex form ... which is structural base for a full analogy between fluid dynamics and Maxwell's equations (V.Lj. Bychkov, [10]) and what greatly strengthens Nikola Tesla's ideas about Ether.

Nikola Tesla's Measurements

1. "Teslino proročanstvo", M.Matić, No Limit Books, page 143:

"**Earths vibrations are periodical and last around 1 hour and 45 minutes** : That is if I shake earth , **contraction wave** goes trough her and comes back in 1 hour and 45 minutes ,but **in state of expansion**. The earth is ,as everything else, in permanent state of vibrating. She is constantly contracting and expanding."

From the cited quote it follows that **Mechanical wave of earths vibration has periodicity of 105 min.** Way to antipod (2*Rz) and back (again 2*Rz) equals to 4Rz which means that the way of mechanical wave , from earths surface to its core, lasts quarter of entire time or **26,25 min = 1575 sec.**

2. "Teslino proročanstvo", M.Matić, No Limit Books, page 187:

"Later that night the **instrument started to work again and stopped alternately, in intervals of near half an hour,** although the sky had already cleared."

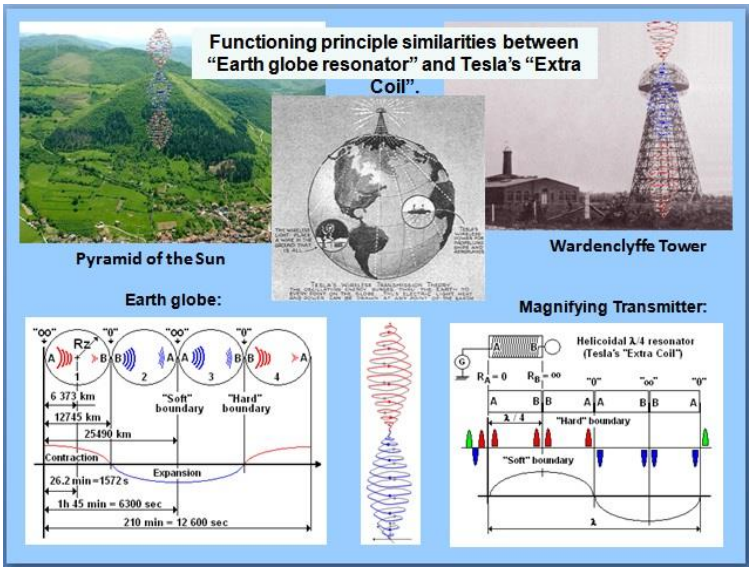
From the quote abow It follows that the **Stationary waves** caused by the storm **have periodicity** of aproximately **28 min** = **1680 sec.**

Exact Tesla measurements [13] have pointed to the real existence of the specific mechanical vibration of the Earth, however in a such way that they start from the point of impact in a state of contraction, passing through the Earth and returning after 105 minutes – but now in a state of expansion! It was experimentally found the value of the periodicity of stationary waves [14] created by a thunderstorm is of about 28 minutes - which is ¼ the value of mechanical Earth's (3D) vibration (105/4=26.24) and in this way pointed to the resonance and coherence of these - seemingly disparate - process.

Tesla's remarks - that the EARTH IS "LIKE ALL THE OTHER (!)", IN THE PERMANENT VIBRATIONAL STATE – EXPASION AND CONTRACTION - that is in full accordance with the axiomatic principles of Sankhya !

The fact, which can be easily reached by simply parameters comparing - indicate that the (very special) elements of Tesla's machine for wireless energy transfer was constructed according to certain principles – that are completely identical to those which characterize specific pyramidal structures and special sacred sites [15,16], and that provide a state in which the vibrations of all individual segments of this machine is in VERY SPECIAL and proper relation. This is precisely the knot of "Hertzian-NonHertzian" technology paradox.

The analysis that was done in terms of the EDQ Model shows that - apart from the classical EM resonance conditions which must be fulfilled in "Hertzian" apparatus that are of "Marconi-type" - at the Tesla system, in addition to these, have to be satisfied more stringent conditions of a "general" or "multi-dimensional" resonance - and what offers to Tesla's technology the possibility of creation spheroidal and toroidal vibrations, 3-dimensional harmonic waves, i.e. spatial standing waves or specific scalar fields that operate in the mode (form) of the internal "breathing".

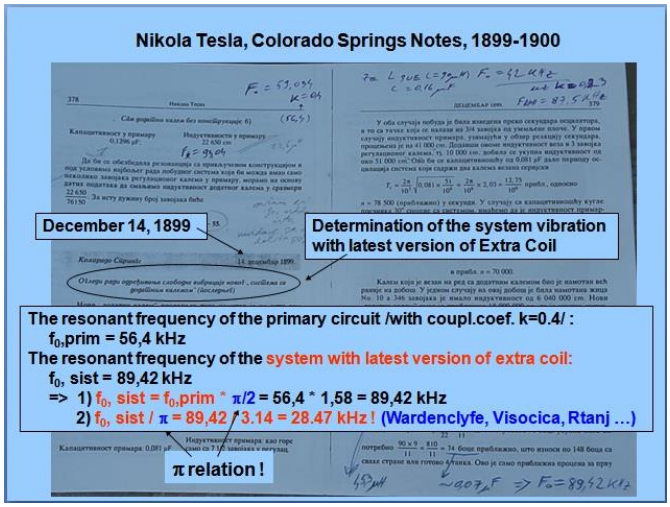


According to the axiomatic principles of Sankhya, **ACHIEVING OF A COHERENT AND HARMONIZED STATE IS A PRECONDITION FOR THE REALIZATION OF ETERNAL OSCILLATIONS IN A STATE OF A ZERO LEVEL RADIATION – THAT ENSURES MAINTENANCE OF UNDISTURBED VIBRATION OR MOVEMENT OF RELEASED FRICTION AND PROPAGATION OF WAVES WITHOUT WEAKENING!**

This fact directly supports Tesla's claims about the real possibility of wireless transmission of energy without losses. The explanation is logical. "Superconductivity" is effect that modern science attains by cooling the appropriate substrate (e.g. a combination of ceramics with yttrium, beryllium ...) to a very low temperatures close to absolute zero. What Tesla do is a "vice versa" - he found a specific electrodynamics vibration (NonHertzian wave) for which - already existing "Natural Mediums" express effect - if not of superconductivity - then at least - of a very reduced resistance! Based on that, Tesla probably rightly claims that for him: ".. Earth does not have any resistance. You just have to firmly grab it and shake strongly ... ". This also justifies the great complexity of Tesla's Wardenclyffe tower and its underground facility ("grounding") [17] ...

Examining the Tesla's diary [18] from Colorado Springs, in his considerations on page 378 of Dec 14. In 1899, (Figure 3) in section named: "Determination of the vibration system with latest version of Extra Coil", it can be seen that the relationship between the parameters of appropriate segments of Tesla's Magnifying Amplifier in which energy transfer occurs through the elements whose resonant frequencies are in a very specific relationship - just as Sankhya define them for the coherent systems.

Although the standard "Tesla coil" project calculations implies full sameness of primary and secondary resonant frequencies i.e. of its individual segments and the complete system, at the Tesla's famous "Magnifying Transmitter" - the ratio of the resonant frequency of its primary circuit that is coupled to the secondary with a very strong coupling coefficient of 0.4 - and the resonant frequency of the system with the "latest" version of his special “Extra Coil” is equal to the value of 1.58 or $\pi/2$!



Although Tesla was not explain this "detail" nowhere, it is hard to believe to any coincidence but - on the contrary - it is much easier to believe that he had a very strong reason for such construction of his apparatus.

In my opinion - the main motive and Tesla's ultimate goal was "multidimensional resonance" OF A WHOLE SYSTEM, i.e. "Non-Hertzian" coherence of his “Magnifying Transmitter” with the (wider) environment ("outside" and "inside") - including the Earth as an integral part of that SAME system.

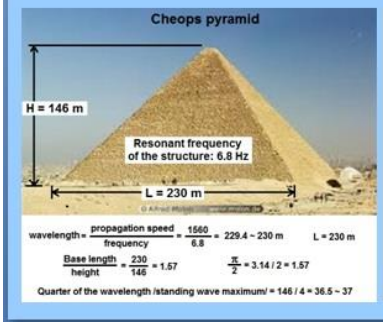
Similarly, the comparison of physical parameters that characterize the Great Pyramid and the Pyramid of the Sun in Visoko, near Sarajevo, it can be shown [15,16] that this artefacts are very specific objects in whose structure a basic mathematical constants of Nature are woven (ϕ, π, e), the same as those that are predefined in axiomatic principles of Sankhya also and which characterize all coherent systems, i.e. "Multidimensional resonators" whose specific structure, acting through its mechanisms of affirmative interference, enables and supports the creation of spherical and toroidal vibrations, 3-dimensional harmonic waves, i.e. spatial standing waves and scalar fields that operate in the mode (form) of the internal "breathing". Electromagnetic phenomena that modern science detects in the form of different electric and/or magnetic fields structures and their various combinations – are only a "shadow" of these dimensionally richer energy vibrations.

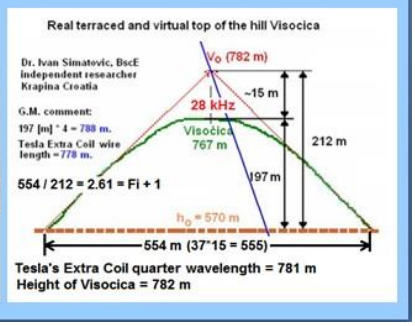
Characteristics of Tesla’s resonators from the aspect of EDQ model:

Have a size proportional to the integer value of vibrations wavelength;

- Ratio of the appropriate resonators elements have to be harmonics or subharmonics of numbers: π (3.14) and/or Φ (1.618, golden ratio);

- All wave forms of Tesla's "No-Hertzian" technologies must be Decadal multiple of number 37, that is "Heart of Wisdom".





Accordance of Tesla solutions he implemented in Colorado Springs and axiomatic principles of Sankhya points us to full size and great importance of Tesla's work and the strength of his intuitive genius by which he - infinitely loving and respecting Nature - succeed to come up to its laws and principles and transfuse them into functional mechanisms of his apparatus . This is a key reason for the high efficiency of the Tesla’s machines, what kind a conventional technology - despite all their sophistication - still can not reach.

From the EDQ Model Aspect’s [19], and data based on the original Tesla's records in his diary [18], it can be shown that the Tesla's "Magnifying transmitter" s characteristics are in full compliance with the general-cosmic principles of Nature and "Eternal Harmonic Oscillation " principles of Sankhya [20] also.

It is known that transfer of mathematical structures arranged in a special geometric shape results in a very specific wavelength characteristics of such facilities, special features and propagation characteristics that are typical for coherent systems.

All experimental and theoretical researches has shown that the objects of special shapes, with special dimensions and their specially internal structure arrangement represent resonators, or "concentrators" for adequate energy flows.

Regarding the Tesla "resonators" – it becomes much clearer what was the real reason for long term efforts of few months of this technical genius to design and make this – at a first glance - extremely simple and easy machine what kind - respecting only classical EM resonance conditions - can be made by each high school pupil for a few hours.

In the researches that I've conducted I did not see any difference between Tesla's general attitudes and viewpoints and of the fundamental principles of Sankhya. Moreover, there are many details that we just have to ask ourselves how it is possible a such great accordance.

For example, in the Sutras 1 and 13, according to the Maharishi Kapilla's concepts of Sankhya [2], the volumetric, cubical, vibrations and 3-dimensional harmonic waves are described that operate in the mode (form) of the internal "breathing" while Tesla in his Diary, analyzing the phenomenon of ball lightning ([18], pp. 368-372) speaks of their structure as a temporary stable "bright, spheroidal regions" which results from sudden and explosive expansion of air which then converts into contraction and hereinafter its analysis describe a process which, regardless of the high temperatures, allows to the resulting "plasmoids" (coherent structure of plasma and magnetic fields) to remain preserved in a limited space.

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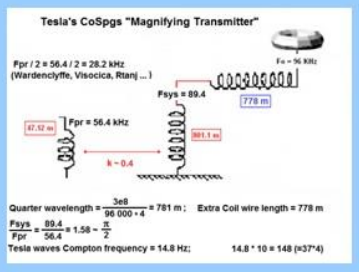
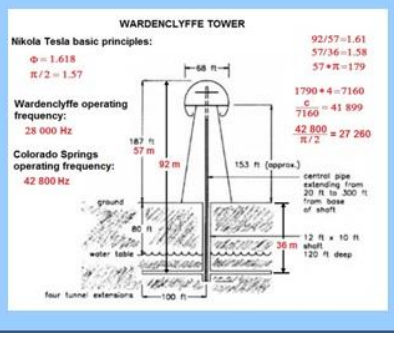




"Secret Of Sankhya: Acme Of Scientific Unification"., G. Srinivasan, Suthra 1 & 13:

(1) "... It is similar to a linear harmonic standing wave but in a 3 dimensional substratum. It is a cubical or spherical 3 dimensional harmonic wave functioning in an internal breathing mode where only the logarithmic index of the potential, changes or flips one up or one down to maintain a null difference between any adjacent state, periodically. ..."

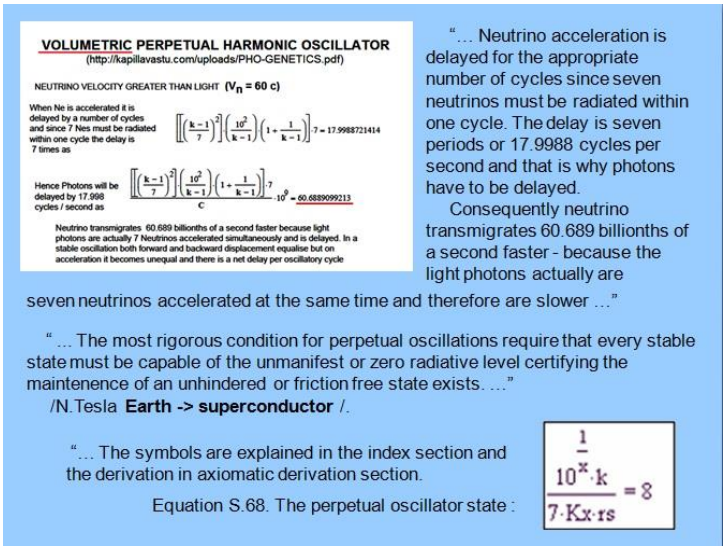
(13) "... The concentration of forces at a colliding point forming the crest of a holistic 3 dimensional or volumetric wave in the nuclear region with the qualities of inertia or mass being displayed in each cycle along with the associated quality of thaama or strong force. At the trough of such a wave the equalising quality of sathwa or the orbital balancing electromagnetic force exists in each cycle. Both Thaama and Sathwa have the quality of time permanence in each cycle as these form the turning points or nodes of the cycle. In the intermediate region however there is a continually changing force that is either accelerative or decelerative in each half of the cycle and it gives the quality of a changing or shuttling force which is Raja ..."

Nikola Tesla, Colorado Springs Notes, 1899-1900, Nolit, Beograd, 978, p.368-372.

"... When sudden and very powerful discharges pass through the air, the tremendous expansion of some portions of the latter and subsequent rapid cooling and condensation gives rise to the creation of partial vacua in the places of greatest development of heat. These vacuous spaces, owing to the properties of the gas, are most likely to assume the shape of hollow spheres when, upon cooling, the air from all around rushes in to fill the "cavity" created by the explosive dilatation and subsequent contraction. ..."

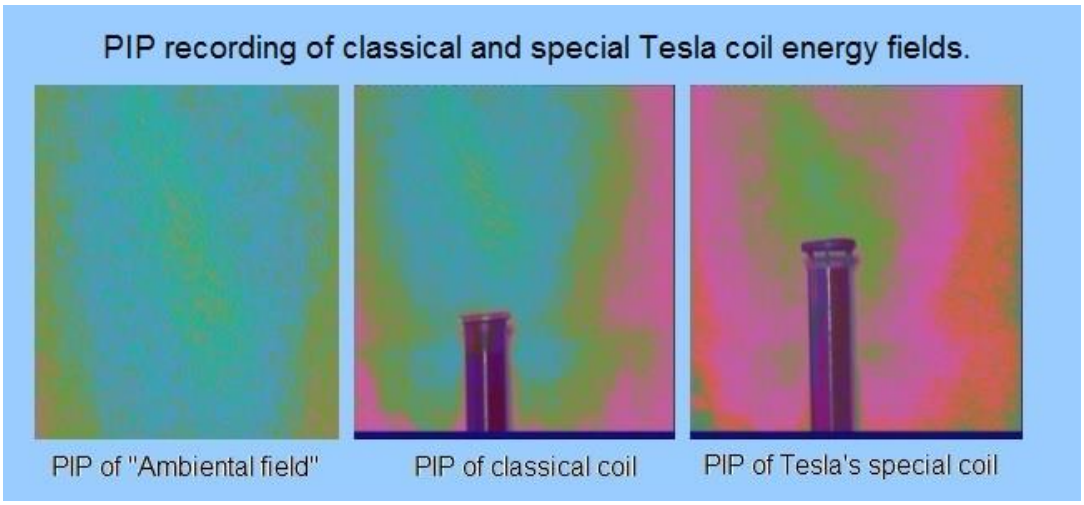
"... It is therefore reasonable to expect that, despite the high incandescence of the rarefied air, the space filled with the same will continue to contract ... On the contrary, despite the high temperature, it is compelled to confinement in a limited space which is continuously shrinking instead of expanding. ... it is that the phenomenon of the "ball"

In the mathematical analysis of "Eternal, Volumetric harmonic oscillator" [20], it was shown that neutrino travels 60 billionths of a second faster than the photons - that are late because: "light photons actually are 7 neutrinos accelerated at the same time. Since 7 neutrino particles must be emitted in one cycle, latency is 7 periods i.e. 17.9988 cycles per second. Bearing in mind Sankhya's axiomatic value of the speed of light - neutrino photons will be delayed for 60.6889 billionths of a second." [20].



In an article published on July 10, 1932 in the journal Brooklyn Eagle is described one, more than interesting, Tesla's discovery: "All of my research indicate that there are small particles, so tiny, so small and low charged that may be called neutrons. They move at high speeds, which go far beyond the speed of light. ". A little later, on his 79th birthday, in 1935, Tesla claimed that he measured that a certain cosmic waves propagate with velocity that is even 50 times the speed of light ...

Great agreement of Sankhya's numerical axioms, which does not violate any valid scientific postulate, with the all of experimentally verified parameters of modern physics, with expected EDQ Model values and with Nikola Tesla's cosmogony, are strong arguments that point to fairly realistic possibility to realize all of his ideas - including those that are most controversial - exploitation of the Sun's radiant energy, wireless transfer of energy - and even the possibility of propagation with speeds greater than the speed of light.



One of my experiments indicate a real feasibility of his ideas also. Although it was used the same driving oscillator (MOSFET), polycontrast interference photography, made by dr. Harry Oldfield's camera [21], showed that conventional coil almost did not change structure of ambient field, while the other coil that is constructed by special Tesla's principles significantly alter the same structure, wherein it constitute a specific energetic field that express a "residual" feature.

The fact that a field which the special Tesla coil constitute (Dr.H.Oldfield's comment): "This coil definitely create a standing wave, possibly scalar in nature ..."), persists for a tens minutes after the power is turned off indicates all of its specificity and huge structural difference in relation to the "scalar field" and/or standing waves formed by destructive / affirmative (respectively) interference using classic ("Hertzian") EM waves.

According to all of my theoretical and practical research, knowledge of ancient civilizations are exceeded our present knowledge greatly - at least in some aspects. Nikola Tesla was one of the first scientists of this civilization that seriously approached to their skills. Recognizing their huge value and importance, but the possibility of misuse also - has delayed their implementation for a some better future times.

Great accordance, harmony and full analogies between the axiomatic principle of Sankhya with all experimentally verified parameters of modern physics, EDQ Model expected values and - especially - Nikola Tesla's cosmology, are a very reliable arguments that point to the real possibility to achieving of all Nikola Tesla's ideas - including the most controversial ones!

There is no doubt will it come to realization of this "weird" Tesla's ideas - or not. In my opinion – ALL of his ideas will be implemented one day - but only when (and if) that civilization suceed to achieve a sufficiently high level of its consciousness which will such events make real and possible.

In any case, it is quite certain that Tesla's technologies will be the foundation of all 21st century technologies and the technical basis for the New Age.

Belgrade, 03.04.2015.

Goran Marjanović, BScE

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4. "I was very lucky to discover new and amazing phenomena, such as rotating magnetic field, glowing of wireless vacuum tubes and many other high frequency effects, which amazed the world, BUT WHAT IMPRESSED ME AS MORE BEAUTIFUL THAN ANYTHING ELSE WAS THE DISCOVERY OF STATIONARY WAVES, to which I came in 1899, and which showed that that the whole planet on which we live, despite its incomprehensible size, could be made to response with vibration to the lowest whisper of human voice.", Branimir Jovanovic, "Tesla, Spirit, Work, Vision", Freemental, 2001.
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