

"The Relationship of Light, Ether and Akasha"

Abstract

In all translations of ancient knowledge, the phenomenon of akasha is identified with ether and akasha with subtle-energetic phenomena such as orgon, prana, chi, etc. That means that the ether, indirectly, is also identified with the same phenomena such as orgone, prana, etc. - which is absolutely wrong.

Akasha is the Sanskrit word for the unmanifested, primordial absolute substrate and source of energy for material manifestation.

Ether is a ultra-fine, subtle but manifested material substance. According to Nikola Tesla: "*Electromagnetic waves are complex vibrations of the ether – material substance which is the perfect fluid of special quality, which behaves as a solid to light (high frequency) and is transparent to matter, while it's effects can be felt through inertia.*"

According to the doctrine of H. P. Blavacky¹, ether is the grossest form of akasha – i.e. - akasha is a subtler form of ether. Otherwise, in Hinduism, Buddhism and in general – in Theosophical terms, the word akasha was considered as synonymous with "astral light" - term used by the French occultist Eliphas Levi to refer to the medium of all light, energy and movement, a fluidic, all pervading, life force in full accordance with the theory of the luminiferous ether - the dominant theory of the 19th century. However, it is not like that in reality.

As we know light is a form of electromagnetic radiation, consisting of self-propagating transversely oscillating electric and magnetic field waves. It shows properties of both - waves and particles. Light exists in tiny energy packets called photons, quanta of light, the smallest possible packets of electromagnetic energy. So – a photon is an elementary particle that is a quantum of the electromagnetic field, including electromagnetic radiation such as light and radio waves, and the force carrier for the electromagnetic force.

According to my research Tesla's etheric gaseous medium is the "ether fluid" of special properties, made up of elementary quanta of ether – I named a "Teslions" which are the "quantum carrier" of Tesla Waves – longitudinal, compressive-expansive disturbances of the etheric fluid.

In Hindu cosmology akasha is the subtle, eternal and imperceptible substance, supersensuous spiritual essence which pervades all space. It is to ether what spirit is to matter. After a Maha-pralaya ("Great Dissolution") akasha is "resolved back again into the primary state of abstract potential objectivity" – named "mulaprakriti". Mulaprakriti is a Sanskrit term that can be translated as "the root-substance" whose essence, unthinkable to us, is to the LOGOS "as material as any object is material to us". In our terminology we can say that mulaprakriti is the elementary quantum of akasha. Therefore, light (electromagnetic field), ether and akasha are diverse phenomena, with different levels of quantization, each of which has its own quanta of energy - elementary "packets" of energy - photon, teslion and mulaprakriti, respectively.

The relationships and physical parameters of the considered phenomena, offered in this paper, allow us to design and create experimental settings in which the interaction with the "subtle-energy" (sub-photon) phenomenology of our Reality could become much more effective.

Reality

According to the principles of **Energy Density Quantization Model** [1], all "Stable" objects exist in some "resonant" state, in which the amount of matter (energy) and the part of the space that it fills, are in some, not arbitrary, but completely determined the ratio of mass and radius of a certain substantial phenomenon.

In order to be able to "equally" consider, compare and establish appropriate analogies between particle and wave phenomena, we can use the Compton equation. In this way, using the formula for calculating the Compton wavelength λ_c and the observed dependence of mass and radius according to EDQM, we arrive at an expression that allows us to calculate the approximate value of the Compton wavelength from the value of the radius of an object and vice versa – diameter of the fictitious "sphere" of an arbitrary object of wave nature and corresponding fictitious mass in terms of E/c^2 . This approach enables very interesting insights into the structure of Reality illustrated in Fig. 1.

The EDQ Model clearly and unequivocally indicates the full analogy of certain types of radiation and certain particles, and it is an indisputable fact that the **Compton effect, as an experiment, is only valid for the case of gamma radiation (!!!) which, given the continuity of the EM spectrum, is really extremely illogical** and which indicates that **the idea of a photon, as a quantum carrier of EM interaction on the**

¹ https://theosophy.wiki/en/H._P._Blavatsky

entire scale of EM waves - logically - is simply not sustainable. Namely, the Compton effect, as a phenomenon in which the corpuscular nature of electromagnetic radiation manifests clearly and unambiguously through the interaction of gamma ray photons and electrons, **IS COMPLETELY INAPPLICABLE to optical waves**, where the photon should also be their quantum carrier !!!

What a paradox ! ...

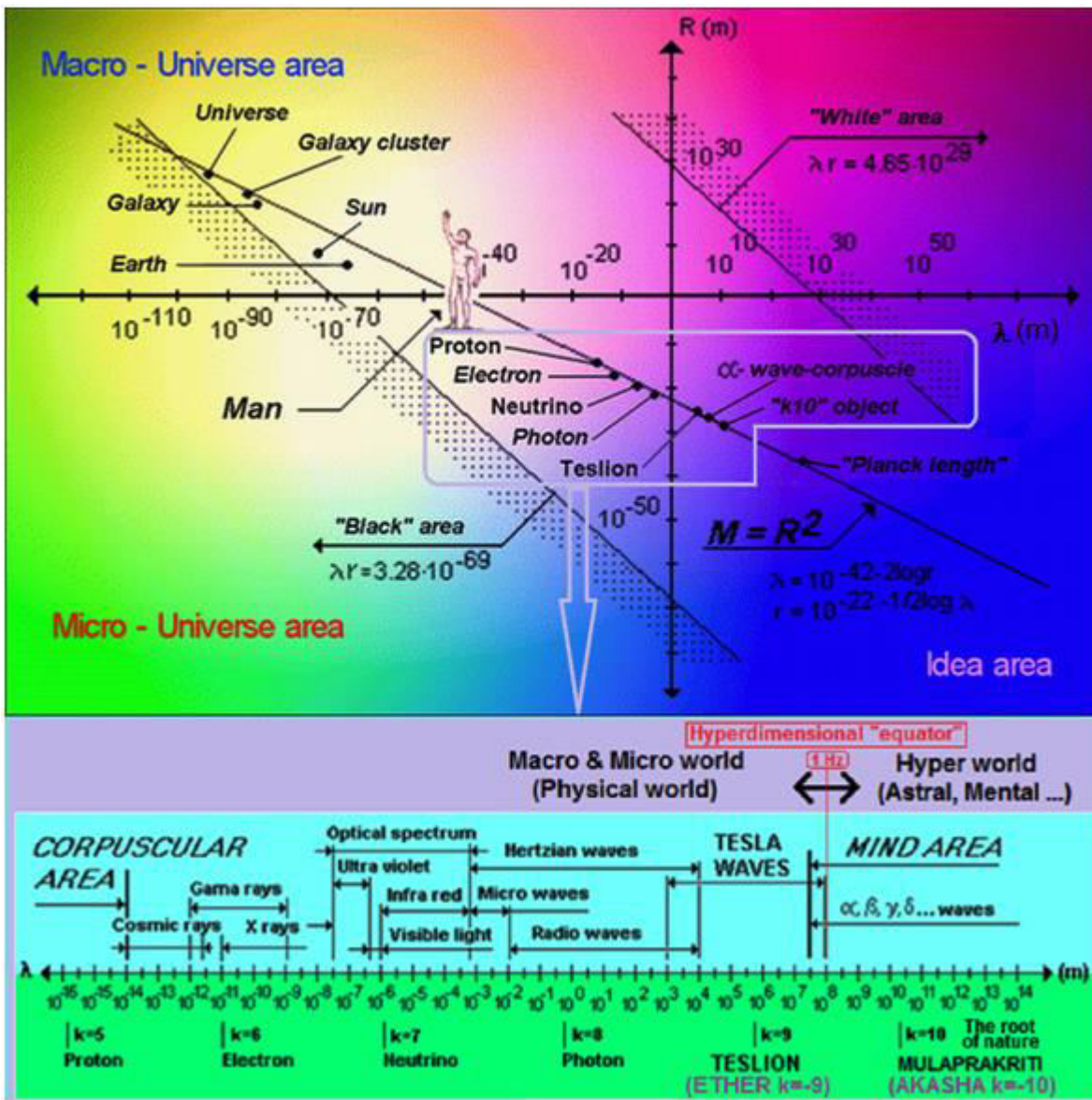


Fig. 1, "Energy-space" diagram

The full justification of Tesla's controversial claims that he "does not use "Hertzian waves" (classical, transversally vector EM waves) in his work" is indicated by his following words in the description of his ether research:

"One of the first striking observations made with my tubes was that a purplish glow for several feet around the end of the tube was formed, and I readily ascertained that it was due to the escape of the charges of the particles as soon as they passed out into the air; for it was only in a nearly perfect vacuum that these charges could be confined to them. The coronal discharge proved that there must be a medium besides air in the space, composed of particles immeasurably smaller than those of air, as otherwise such a discharge would not be possible. On further investigation I found that this gas was so light that a volume equal to that of the earth would weigh only about one-twentieth of a pound ..." - from where Tesla gets the theoretical value of the ether density [2].

According to the postulates of EDQM ([1]), a photon is a "Stable Object" at quantum level 8 (see Fig.1). As stated by science - a photon is an elementary particle that is a quantum of the electromagnetic field and the force carrier for the electromagnetic force. Waves of the electromagnetic field, propagating through space includes radio waves, microwaves, infrared, (visible) light, ultraviolet, X-rays, and gamma rays. By scientific

principles photons are massless, so they always move at the speed of light in vacuum. EM waves propagate by themselves without the need for a material medium as its carrier and without any connection with the source of its origin. A modern "simplified" interpretation of Maxwell's theory² is extremely suitable for the description of this (so-called) "Hertzian" electromagnetic waves, in which the electric and magnetic fields oscillate perpendicularly to one another, and the wave propagate in the direction perpendicular to the variations of both of these fields. Therefore, these waves are called transversal-vectorial waves [2]. It is important to note here that **electric and magnetic fields are material - but non-substantial phenomena.**

According to Nikola Tesla, the greatest intuitive genius of this civilization, EM waves are complex vibrations of the Ether - material substance which is the perfect fluid of special quality and: *"Light cannot be anything else but a longitudinal disturbance in the ether, involving alternate compressions and rarefactions. In other words, light can be nothing else than a sound wave in the ether..."* [3].

So the difference is enormous – but "Bridgeable" – considering the original assumptions of the original Maxwell's theory. **In the original, authentic, version of the theory presented by J. C. Maxwell** in the form of quaternion, hyper complex numbers, in addition to the so-called "the transversal-vectorial" EM wave ("Hertzian" EMW) described by the vector part of quaternion - **the theoretical basis for the real existence of scalar** (ethereal, longitudinal) **waves was established** - described by the scalar part of quaternion. Therefore - the mathematical form to describe Tesla's scalar, longitudinal ether waves exists - but - only in the original form of Maxwell's theory [2] which unfortunately is not in use. Moreover - the fact that quaternions are the best mathematical form for describing torsion fields – top theme of contemporary science - indicates the extent to which the power of the original Maxwell's theory has been weakened and diminished ..., and thus the possibility of better understanding Tesla's heritage based on etheric technologies.

Light and ether

According to the postulates of EDQM ([1]) the "particle" form of the "Tesla waves" object, their quantum carrier is a corpuscular object with real rest mass and its (energetic-resonant) corresponding ($m \sim r^2$) radius, i.e. associated energy density, as one of ($k=9$) series (k =whole number) of Stable Unity objects. What is its mass and its corresponding radius?

From the Table of Stable Objects ([1]), i.e. the corresponding λ_c diagram, which represents a kind of "Periodic System of Stable Objects", it can be seen that "after" the (electron's) neutrino located at the quantum level $k = 7$ and the photon at "place" $k = 8$, the next stable object would be of order $k = 9$. From this data, in accordance with the hypotheses H1 and H2 EDQM, some average, "expected" values for the mass and its corresponding radius of the object are derived. Based on the formula for the mass of the "Stable Object" at the quantum level k : $m \sim 10^{-5.2k}$ ($k=9$) $\Rightarrow m \sim 1.6 \cdot 10^{-47}$ kg and radius: $r \sim m^{0.52} \Rightarrow r \sim 5 \cdot 10^{-25}$ m, we get a density (energy) of $\rho = 2.8 \cdot 10^{28}$ g/cm³ which is very close to the postulated (Hip1, EDQM) energy density value: $\rho_k = 10^{3k} = /k=9/ \rho_9 = 10^{27}$ g/cm³. In accordance with the postulates of the Model, it is possible to make certain corrections of the orientation-expected values of the given parameters (rest mass, radius ...) so - for example, the expected value of the real rest mass of a stable object $k=9$ can have a value of $m_0 = 1.1 \cdot 10^{-49}$ kg. Wave form of the k_9 object, I named Tesla waves³, have compton wavelength of $\lambda_c = 2 \cdot 10^7$ [m], i.e. frequency of 14.8 Hz. As we know, frequency of 11.47 Hz is already known as a Tesla's frequency. This fact was a basic reason to me for naming "stable-object-9" a TESLION³.

For related phenomena analogous to the "Stable k_9 object", some researchers use terms like "etheron", "microlepton" etc. The microlepton was discovered by A.F. Ohatrin [5]. This particle is attributed with properties similar to an axion - a hypothetical particle of low mass with no electrical charge, which could be an elementary particle of dark matter. A.F. Ohatrin's MICROLEPTONS – are elementary particles that form a weak-field. They have the characteristics inherent in torsion, axial and spin fields. Fulfills all environment and the land, water and air and the cosmos, ..., have a mass of 10^{-39} to 10^{-44} kg. All the objects of the material world are surrounded by and filled with these super-lightweight particles. All environment and living systems are soaked with them. These particles carry information about the composition and structure of the substantial body. For them there are no physical barriers. Heavy and inert mass depend on the density and temperature of the microleptonic gas in it. If microleptonic gas - in any way – is removed from the body - the body loses weight ... !!!

² After the death of J.C. Maxwell, with the excuse that this mathematical form is unnecessarily complicated ..., Oliver Heaviside, Josiah Willard Gibbs and Heinrich Hertz, simplified the original Maxwell's work written in the form of quaternions (hyper complex numbers) and reduced his 20 quaternion expressions to a collection of only four VECTOR equations.

³ "Prostor, vreme, materija", © 198./1993; "Teslini Talasi i Teslion kao njihov kvant nosilac", © 26./2001.

According to the Energy Density Quantization model, Stable object k9, that represents the Tesla waves quantum carrier, has a rest mass with expected value of about: $1.6 \cdot 10^{-47}$ kg ! This similarity imposes the idea that the properties of Tesla's scalar fields could be analogous to the properties of Ohatrin's microlepton field (no gravity, no inertia ...).

As we mentioned, EDQM offers us a phenomenon named "Teslion" whose mass is $10^{-47} - 10^{-49}$ kg, diameter $\sim 5 \cdot 10^{-25}$ m, energy density of the order of 10^{27} g/cm³. Its wave form "Tesla waves" - have compton wavelength of $\lambda_c = 2 \cdot 10^7$ [m], i.e. frequency of 14.8 Hz. These are, of course, only orientational-expected values, but they can still help us a lot in designing experimental setups in the research of sub-photon phenomena.

Namely - according to "Mishin's 5 phase aetherdynamics" [4] it is obvious that energy density decrease from "normal" material state (density) to the "aetheric" state (energy): Phase state 1: solid; Phase state 2: fluidic; Phase state 3: gaseous; Phase state 4: plasma-like; Phase state 5: galactic, intergalactic, superluminal-superfluidic state. This is the right moment to recall Tesla's research.

Through a mathematical analysis of the density of the ether performed by analogy with the speed of sound waves in air and the ratio of elasticity and density of air and ether as a medium, Tesla obtained the theoretical value of the density of the ether: $\rho_{eth, Tesla, theor} = 1.9 \cdot 10^{-27}$ g/cm³.

According to the experimental measurements of Nikola Tesla [2], the density of ethereal gaseous medium is: $\rho_{exp, Tesla} = 2 \cdot 10^{-26}$ g/cm³ - which is very close to his theoretical prediction.

From these values, it is quite clear that the phenomenon of "Tesla's etheric gaseous medium" has parameters that - according to the EDQM postulates - perfectly correspond to the "Stable object k=-9 (!!!) or objects called: "Galaxy Clusters" - which is structure that is completely in agreement with the object in "Phase state 5" according to "Mishin's 5 phase aetherdynamics" analytic process.

So - in short - the mean value of Nikola Tesla's etheric fluid density is close to the mean value of the density of galactic clusters, i.e. intergalactic space (\sim only one hydrogen atom per cubic meter...) but the matrix structure /pattern of "matter-grouping"/ is essentially different - i.e. - in the case of ether - it is much more homogeneous substrate because it is made up of many many smaller evenly (uniformly) distributed phenomena.

Specifically, according to EDQM, Tesla's etheric gaseous medium whose energy density corresponds to the density of galactic clusters (k=-9) is the "ETHER FLUID" made up of ELEMENTARY QUANTUMS OF ETHER (k=+9) - from which the corresponding "wave-particle" parameters of **"Teslion" (k+9)** follow, "which are the **"quantum carrier" of Tesla Waves** - longitudinal, compressive-expansive disturbances of **the etheric fluid (k-9)**.

Bearing in mind the "hierarchy" of stable objects shown on the "Energy-space" diagram (Fig. 1), Nikola Tesla's words spoken a century ago become absolutely logical and his interpretation of light (EM wave) as completely analogous to the propagation of sound in the air, and his statement: "light is sound in the ether" becomes completely understandable and rational. Considering that, his understanding of the structure of matter is also reasonable: *"All matter in the universe is metamorphous from the ether. When the ether is set in motion, it becomes gross matter. All matter, then, is merely ether in motion. Since light has such a constancy of velocity, light can only be explained by assuming that it is dependent solely on the physical properties of the medium, especially density and elastic force."*

Density and elasticity are the properties of a physical fluid - so - ether cannot in any way be identified with akasha. Since the "matrix of creation" is identical on the entire scale of evolution/involution ("growth and development" line, Fig. 1) we can expect a similar structural design at the next, even more subtle, quantum level that is domain of akasha/mulaprakriti phenomena.

Akasha

In most texts akasha is considered as kind of invisible matter, from mulaprakriti⁴ up to the physical ether - which is very far from the truth. However, some authors who reached a higher level of ancient wisdom limited the word akasha exclusively to the substrate of the mental level.

The Tibetan esoteric Buddhist doctrine teaches that prakriti is cosmic matter, out of which all visible forms are produced; and akasha is its spirit. Prakriti being the body or substance, and akasha its soul or energy.

According to the doctrine of H. P. Blavackey - *akasha is the most subtle form of ether - that is - ether is the grossest form of **akasha** which is the subtle, supersensuous spiritual essence which pervades all space; the primordial substance erroneously identified with ether - but it **is to ether what spirit is to matter**. It is, in fact,*

⁴ Sanskrit term In the Samkhya that can be translated as: "the root-substance", fundamental or ultimate substance.

the Universal Space in which lies inherent the eternal Ideation of the Universe in its ever-changing aspects on the planes of matter and objectivity, and from which radiates the First Logos, or expressed thought. This is why it is stated in the Puranas that akasha has but one attribute, namely sound, **for sound is but the translated symbol of Logos - "Speech" in its mystic sense.**

In its highest aspect, Akasha is Divine mind reflected in the waters of Space or Chaos [7]. It is undifferentiated Noumenal and Abstract Space, which will be occupied by Primordial Consciousness. Akasha has several fields: The first is the field of latent consciousness which is coeval with the duration of the First and Second Logos. Another Akashic field is coeval with the emergence of the Third Logos.

After a Maha-pralaya ("Great Dissolution") akasha is "resolved back again into the primary state of abstract potential objectivity" – named "mulaprakriti". Mulaprakriti is a Sanskrit term that can be translated as "the root-substance" whose essence, unthinkable to us, is to the LOGOS "as material as any object is material to us". In the terminology of the EDQ Model, we can say that mulaprakriti is actually an elementary quantum of akasha [8].

The fact that Tesla's gaseous medium, ether, Stable object $k = -9$ belongs to the quantum level of "Galactic clusters" which are the penultimate phenomenon on the scale of macro phenomena (Quadrant II, Fig. 1, "Energy-Space Diagram") imposes the idea of a realistically possible existence of some phenomenon from the "spiritual aspect of reality" which is analogous to the next level of quantization, i.e. analogous to a Stable object $k = -10$, which is the "Universe".

Spatial-temporally transformation (3D Inversion) of the "Stable object" $k = -10$ (II quadrant) is a **"Stable object" $k = +10$** (IV quadrant) - so a **phenomenon that is more subtle than ether and represents a more primary substance which is the forerunner of the ether !** [9]

In support of this idea, which EDQM imposes us, are confirmed by the following Tesla's words:

*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.*

The primary substance, thrown into infinitesimal whirls of prodigious velocity, becomes gross matter; the force subsiding, the motion ceases and matter disappears, reverting to the primary substance."

Nikola Tesla, „Man's Greatest Achievement", New York American, Jul, 6. 1930.

In the text specified, probably under the influence though other texts of that time that deal with this topic, here we can also observe mutually related terms of Ether and Akasha what - in my opinion - does not match the truth.

By comparing primal ancient knowledge and EDQM postulates, akasha is more primary substance than ether, it is its forerunner and proto element of its existence [9].

Here is the explanation.

According to the Sankhya teachings [10] the most fundamental phenomenon of our reality is **"Mulaprakriti" - the root of the nature** or root of the substance. It is the Precosmic root-substance, main cause of material nature, the original root of matter that makes a initial homogeneous substrate from which the cosmos was created. According to data given in [10] the mass of this phenomenon is $1.34e-51$ kg which - according to the EDQM postulates - corresponds to a stable object:

$$k = (\log 1.34e-51)/(-5.2) = +9.78 \Rightarrow k = +10 !!!$$

This is really more than interesting. Namely a "Stable object" $k = +10$ is the last in a series of phenomena of the physical world, located in the area of "hyperdimensional equator" which divides the material and spiritual aspect of reality, and is really fundamental, the most elementary part of the "substrate" (Sankhya term) and "initial" building element of the physical world. This is also a "central position" in a series of phenomena from the Supreme Spirit Absolute [11], the intangible object of the highest level of awareness to the "universe" - the material object of the lowest level of consciousness - from which material objects "map" (3D inversions) in spiritual and vice versa. As the "original root of matter" "Mulaprakriti" fully corresponds to the position of $k = +10$ EDQM indeed because it fits exactly on that "space-time-energy" "place" logically, qualitatively and quantitatively - according to its mass, which (descriptively and mathematically) was defined in ancient writings a long time ago. Who calculated this value and when - it is difficult to say because the age of the Vedic writings was estimated at more than 5,000 years and for some even about 33,000 years. However - agreement with the EDQM postulates is really fantastic.

Given that - we can establish an analogy absolutely identical to what we have noticed between the phenomena $k=+9$ and $k=-9$. Perfection, symmetry and harmony of the God's creation's holographic structure of

the fractal type, whose part we are also - entitles us to "join" the stable object $k=+10$, Mulaprakrithi, with its "inverse" couple - a stable object $k=-10$ that belongs to the phenomenon "Universe", which is a fairly analog phenomenon to "Tesla's (etheric) gaseous media" ($k=-9$). By defining the corresponding quantum level, we have determined all physical parameters that characterize the phenomenon $k=-10$ and our esoteric philosophy offer us the answer to the question of what that "object" could be from the aspect of their knowledge.

Akasha in Sanskrit arise from the root "kas" which means "to be" with the generic meaning of "open space, emptiness". In the classic Sanskrit, this word may express the concept of "heaven; the atmosphere and essential fluid" that permeates the cosmos. Given everything before said - the term "akasha" perfectly corresponds to the phenomenon at the quantum level $k=-10$.

Summary

We can finally expose the key idea by which akasha - "essential fluid" ($k=-10$) that also permeates the entire cosmos - are created by his elementary quantities "Mulaprakrithi", Stable object $k=+10$ according to the same "mechanism" by which Tesla's "gaseous media", "etheric fluid", whose density corresponds to the density of galactic clusters ($k=-9$), are created by elementary quantities of ether, stable objects $k=+9$, I named "Teslions".

So, we can definitely say that the ether and akasha are not the same phenomenon. **Akasha is an ether's proto element**, a phenomenon that is more subtle than ether and represents an even **more primary substance or an forerunner of ether !**

Following the logic of the hologram structure of Reality, the next "higher fractal", i.e. higher quantum level - ($k=+8$) corresponds to the interrelated pair Electromagnetic waves/photon - which unequivocally indicates that electromagnetic waves are actually only a "rougner" manifestation of the ether - and that electromagnetic phenomena is only a "shadow" of subtler etheric fluctuations. This opinion is confirmed by the facts presented in the work of dr. V.L. Bychkov on the very strong analogy between the equations of classical hydrodynamics and electrodynamics⁵. Concretely - **ether is a proto element of electromagnetic waves**, a phenomenon that is more subtle and represents an even more primary substance **or an forerunner of "Hertzian waves" whose quantum carrier is a photon !**

As a stable object at position $k=-10$, which is an "energy inversion" (acc to EDQM) of the phenomenon "Mulaprakrithi" ($k=+10$) akasha can also be attributed with the terms *ci*, *ki*, *prana* and alike - and even with the "morphogenetic field" because *"akasha" is essentially an energetic multi-layered matrix of the Universe [7], the information field in which is inweaven everything that has ever happened and what will happen ...* The same relationship also applies to the elementary quantities of these phenomena so that we can say for "Mulaprakrithi" that it is the forerunner of the existence of the "Teslion" - so accordingly - the akasha is forerunner of the existence of the ether.

Now we can finally establish the right relationship and order of hypothetical but scientifically defined subphoton phenomena. Light (electromagnetic field), ether and akasha are phenomena of different levels of quantization, that is, of energy density, and thus of different characteristics, properties, ways and speed of propagation. Each of them have their own energy quanta - elementary "packages" of energy: photon, teslion and mulaprakrithi respectively. So - there is absolutely no reason for science not to reconsider its decision to throw the ether out of science because the acceptance of the ether in no way threatens the key postulate of the Theory of Relativity about the constancy of the speed of light, which remains valid - but limited to the conventional form of "transverse vector" electromagnetic waves whose quantum carrier is the photon.

Energy fluctuations of sub-photon phenomena - of the scalar type, according to the equations of the original (quaternionic) version of Maxwell's theory, have no limits in the speed of propagation and are not subject to the same physical and wave mechanics laws of valid physics. This is confirmed and experimentally verified by the latest research of the so-called "torsion fields" (A.E.Akimov, G.I.Shipov) that propagate at a speed a billion times (10^9) greater than the speed of light, affect gravity, bio-structures ... etc.

Hierarchy of energy phenomena as we have established - predefine "quality", properties and characteristics of phenomena that match their "quantum level", energy density - but also level of consciousness - makes us much more understandable geometry and structure of facilities such as Cheops' pyramids e.g., but of Tesla's the most controversial machines also [12].

What's more - the offered orientation-expectation values of the "Stable object $k=+9$ " named "Teslion" (EDQM), allow us to design experimental settings in which the interaction with the "subtle-energy" (sub-photon)

⁵ V.L. Bychkov, "Hydrodynamic analogies between the equations of classical hydrodynamics and electrodynamics", <https://link.springer.com/article/10.1134/S1990793114020055>

phenomenology of our Reality would be much more effective and make many ideas like the one about the absorption of free (radiant) energy, for example, more achievable.

In this sense, analogies can help us a lot.

We all know that a sailboat sails thanks to the energy of the wind - a gaseous fluid (Mishin's phase state 3: gaseous), that is, the directed movement of many air molecules (Mishin's phase state 1: solid) thanks to sails made of canvas - a "windproof" material (Mishin's phase state 1: solid). What is extremely important here is the fact that the density of the material from which the sails are made is close to the density of air molecules, but its structure is evenly filled and so they form a homogeneous continuum ! Sails made of the same material of the same (or very close) mean density value but with a different structural matrix of material distribution (discontinuum) - say in the form of a "fishing net" - would have a extremely weak interaction with the wind ...

The analogy established in this way imposes the idea that effective interaction with the etheric fluid requires the use of a "substrate" of the appropriate quantum level ("material" of the appropriate energy density), but also of a very special geometry and design, the exceptional importance of which was pointed out by Nikola Tesla when explaining the elementary principles of the functioning of the Wardencliffe Tower. Bearing in mind the settings of EDQM, that particular "substrate" of HOMOGENEOUS and uniform structure - can be a suitable material substrate, but also a "scalar field" or a phenomenon in "Phase state 5" according to "*Mishin's 5 phase etherdynamics*" [4].

Physical parameters and mutual relations of the considered phenomena, offered in this work, allow us to design experimental setups in which the interaction with the "subtle-energy" (sub-photon) phenomenology of our Reality could become much more effective, which would significantly improve our knowledge and enable us a further technological progress in all aspects of life – from medicine to transport, communications,, without any space-time or mechanical-energy limitations.

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