

The structure of Absolute Reality

from the aspect of the **Quantized Energy Density Model**

In our opinion, there is no person who has not wondered about the structure of the world we live in..., about his own role in these vortexes of space-time-energy ..., and asked himself how the universe, man,..., was matter "born" first, from which the universe was then created in the so-called "big bang" or was there first some energy from which matter, man, stars,..., was gradually created?

Science teaches us that energy is created by the interaction of particles, but energy cannot exist by itself, i.e. to arise "out of nothing". Similarly, matter can be transformed into energy, but - where does matter come from? In short - if neither matter nor energy exist - there is nothing from which the universe could arise, especially man - separately as a being aware of his existence, ..., peculiarly thought, life ... and even the more elementary ones such as space, time, spirit, soul ...

Aristotle, the most versatile and learned Greek philosopher (384 BC-322 BC), teaches us that time is determined by movement in space as *"that countable movement between before and after"*. And the most interesting thing - ***"The passing of time is noticed only by the soul and only when time as a continuum is interrupted by an event"***. Introducing the phenomenon of "soul" into the world of Absolute Reality - confuses us even more...

For the aforementioned phenomena of Reality, we can find many definitions of ancient teachings as well as modern physics, but we cited the previous quote only because of Aristotle's insight that the knowledge of True Reality is conditioned by the acceptance of "man" as an "energetically multi-layered being" which - in addition to his material aspect of the body - "agglomerates" of particles, molecules, tissues, organs ..., as an inseparable component, also contains corresponding spiritual forms, such as spirit and soul - as taught by numerous philosophical schools.

Quantized Energy Densities Model [1] describes objective reality as the unity of matter and spirit, expressed as a series of "Stable Objects" in the corresponding macro, micro and hyper segments of space-time-energy Unity, where ALL OF THEM are described by the SAME parameters of modern physics (mass, diameter, energy density, wavelength...) which enables the establishment of associative links between the material and spiritual segments of the Unity, "inverse-opposite" aspects of ONE SAME REALITY and thus their better understanding and - most importantly - possible mutual correlations and interactions.

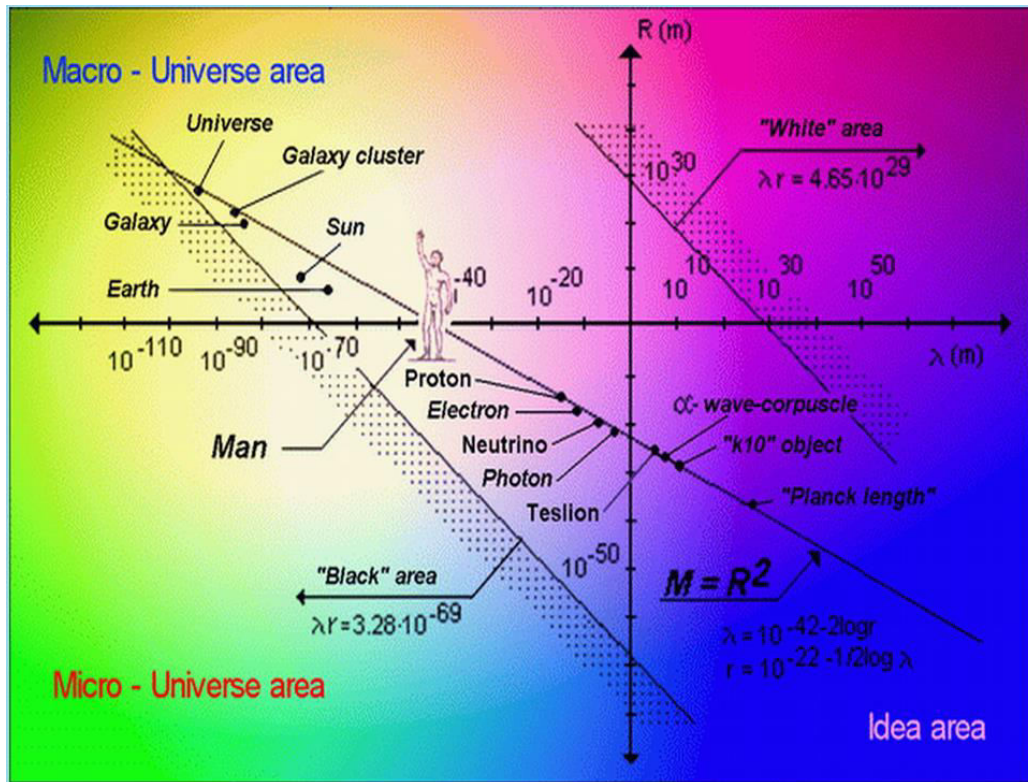


Fig. 1. Space-Energy Diagram

In other words, the "Structure of Absolute Reality" consists of phenomena whose basic feature is the interweaving of matter and spirit [2] ! Therefore, it cannot be explained exclusively by the theories of modern science, which describes only the material segment of Reality down to the photon level – which is the last brick of scientific, material reality. All subtler phenomena like quarks are only experimentally unconfirmed hypothetical

concepts with which science tries (unsuccessfully) to harmonize with experimental reality. The latest interpretations of the real structure of the cosmos are only apparently and formally resolved by introducing also hypothetical (non-detectable, unmeasurable) objects such as dark matter and dark energy¹ and/or by introducing new cosmological theories like "Quintessence"² – which indirectly (unofficially but still in a way...) returns the ether to science ...

According to the settings of the QED Model, the photon is a stable object at the quantum level $k=+8$ "behind" ("below", actually "inside") which even more subtle phenomena exist: $k+9$ -*Bhutatmas* and $k+10$ -*Mulaprakrithi* which are its proto-elements, the most elementary quanta of the substrate ether and akasha respectively, just as the photon is the "quantum carrier" of the electro-magnetic field, which is exposed in [3].

Contrary to popular belief, spirituality and science are not contradictory - because they are actually "two sides of the same coin". By definition, science is a system of ordered and systematized knowledge about us and the material and immaterial world that surrounds us. Spirituality is the science of the non-physical structure of the world with a focus on spiritual phenomena and phenomena whose causes are (mostly) beyond the power of perception of our five senses, beyond the reach of our measuring devices and the power of understanding of our mind and intellect - but about a segment of True Reality that really, quite undoubtedly, still exists.

Through the synthesis of science and spirituality embodied in the QED Model, it is possible to establish numerous analogies and associative links between material-spiritual entities and phenomena from "opposite" segments of the same reality. The specific values of the corresponding physical parameters that characterize them and the correlations established with the corresponding phenomena of ancient knowledge from the spiritual aspect of our reality presented in [2] allow extremely deep insights into the true "Structure of Absolute Reality" and provide answers to a series of questions such as these:

- does the "quantum vacuum" have memory and is this the region corresponding to the "hyperdimensional equator" (position $K+8/K+9$, see Figure 4) in QEDM;
- whether that "area" is related to the phenomenon of ZPE³?
- can quantum entanglement be attributed to informational dynamics and superluminal speed transfers above the "speed of light" - up to an infinite value - which according to QEDM is allowed in ether/akash mediums (phenomena $k-9/k-10$ in QEDM, see Figure 4)) and as evidenced by the latest research on so-called "torsion fields";
- is there any imaginable technology that can generate "specific vibrations" of the appropriate substrate in the areas "below" the hyperdimensional equator;
- could properly constructed pyramids, "Kozyrev mirrors" and similar structures or devices work as "interdimensional resonators" for the purposes of "supra-sensory or instrumental transcommunication" (communication beyond known reality through extrasensory abilities, instruments or technical devices);
- Is there a possible technological solution to the challenges of **interdimensional** communication with higher (and lower?) worlds - such as undoubtedly existed in the past (so-called *Vimanas*) and about which we can find numerous, detailed (even technical) descriptions in the ancient, oldest known Indian the Mahabharata and Ramayana epics? Etc.

In any case, the process of creation of matter in nature remains the main puzzle of modern science, especially questions related to the concept of the soul. By combining the postulates of QEDM and ancient knowledge (Samkhya Karika) as well as the latest insights of modern researchers⁴, it is possible to offer affirmative answers to all the above (and many other) questions.

Preliminary considerations

At the very beginning, we must mention that the interpretation of ancient knowledge, that is, the Vedic scriptures, is an extremely complex and demanding process because they are available to us mainly in Sanskrit - a script that is incomparably richer than any script we use today. Sanskrit has as many as 48 sounds in its voice system and at the same time distinguishes 35 phonemes (the smallest linguistic units, sounds), with the existence of several allophones (different variations of the pronunciation of one phoneme). So - the terminology and expressive possibilities of the Vedic texts are incomparably more advanced than any modern script or language. Therefore, it is no wonder that in the translations of the original texts, for each original word, several words are

¹ <https://science.nasa.gov/astrophysics/focus-areas/what-is-dark-energy>

² [https://en.wikipedia.org/wiki/Quintessence_\(physics\)](https://en.wikipedia.org/wiki/Quintessence_(physics))

³ Zero Point Energy (~ free energy)

⁴ EIDETIC SENTIENCE ONTOLOGY PLATFORM, <https://dradrianklein.wordpress.com/>

listed whose meaning is close to the original, and which are often not even similar to each other ..., so a sentence written in Sanskrit, containing only a few words, can be translated in many different ways. As an illustration, we cite the fact that the Eskimos have 40 expressions for snow that we can translate in any language with only a few expressions that have a meaning only more or less close to the meaning of the original Eskimos word.

I especially emphasize the problem of translating technical texts where processes are defined where the "temporal" order of events in the sense of "cause-effect" is of crucial importance, including spatial ones - source and drain. The big problem for all of us who do not know Sanskrit and use translations - mostly into English, the language of the most modest expressive possibilities - is how to understand the original message by reading its translation, in which the sentences are mostly difficult to understand and/or logically acceptable and often completely meaningless. Therefore, it is no wonder that many translations of complex processes and otherwise complicated structures such as the "Spiritual Aspect" of Reality - are difficult to understand because even elementary concepts such as, for example, *akasha*, *ether*, *prana*,..., are mixed and/or misinterpreted. For example - I found a sentence on the Internet: "*Prana means breath or the life-force and akasha means the ether*" - in which EVERYTHING is wrong - even though it is formally correct. But only formally.

In the paper "The relationship between light, ether and akasha" [3] we showed that ***akasha and ether are completely different phenomena***, where ***akasha is the primal element of ether***. In the next section it will be shown that "*Pradhana*" is the progenitor of *akasha* - that is, that ***Pradhana in its lower vibration ranges becomes Akasha***, "cosmic matter" or more precisely "super-subtle cosmic fluid" while "*Prana*" is "cosmic energy". Therefore, connecting terms *prana* and *ether* is absolutely incorrect and meaningless for the simple reason that it is about phenomena of different "densities" (quantum levels according to QEDM). Namely, *akasha* and *prana* are diverse and much more subtle structures than *ether* and/or electricity, magnetism, gravity and similar "gross" phenomena, which are just different forms of movement and manifestation of *prana*, which again has its own modifications, in accordance with its five different functions: *prana*, *apana*, *samana*, *udana* i *vjana*⁵. In the simplest terms: "The sum of all forces in the universe, mental or physical, when returned to their original state, is called *prana*."

All in all, the used terms should be given a wide range of meanings, especially taking into account that the "spiritual aspect of reality" is - in some way - "inverse" to the "scientific-material" one, so that the very term "material" should be understood in this area in the sense of "non-ponderable, non-actualized prime-substrate", which can be non-manifested (potential, latent but existing) or manifested in certain forms, shapes ...

Basics of Samkhya philosophy

According to Christian cosmogony⁶ [4]: "*Absolute Being-ness is a state of Self-aware Absolute Superconsciousness, Absolute Self, in which these attributes of consciousness and self-awareness mean that it is not a blind, unconscious force, but that It knows what It is. The first characteristic of the Absolutely Boundless Being-ness in its absolutely stable state is Will; this state is stable because then the vibration is not yet expressed. However, the vibration exists within the Absolute Being-ness as a state not yet manifested, a vibration without any movement. When the vibration manifests, the Worlds of Existence are planned ... in their two modes of manifestation, as the Absolute Self, the Christ Logos, and as the Absolute Superconsciousness, the Holy Spirit. Between Being-ness and existence, between divine autarchy and divine joy in creation, there is a new state, which is Mind, the divine supersubstance from which all things are made. Everything is Mind - an infinite ocean of various vibrational frequencies from which everything is formed and lives ...*".

Upanishadic cosmogony [4] starts from the Absolute Reality which is ***Brahman*** – the Hindu concept of comprehensive Being-ness which is the basis of all beings, things, time and space and everything existing, "***... the highest God, in his unmanifested and undifferentiated unity and containing all possibilities BEFORE the divine creation. Brahman is the Absolute Self-conscious Intelligence in spaceless and timeless potentiality. Inaccessible to human cognition and understanding as long as we are grounded in the three lowest worlds of manifestation***" [4]. *Brahman* is the supreme controller. He manifests and controls the world. *Brahman* is said to be all-pervading and pervades all parts of existence. He is present everywhere. According to Advaita of Sankara, all individual souls are parts of the *Supreme Brahman*. After being freed from human bodies, individual souls become one with *Brahman*. Therefore, death is intended only for the body, not for the soul. The Upanishads say that *Brahman* is indestructible. It has neither shape nor color. It cannot be seen or perceived in any way. It resides in every living being and is found in all people, animals, birds, trees, nature, objects and practically everywhere ...

⁵ <https://www.soham.lv/5-galvenas-prana-vayus-prana-apana-samana-udana-vjana/>

⁶ Daskalos' esoteric Christian cosmogony

From the quotations mentioned (explained in detail in [4]) it is clearly seen that the structure of Reality of Daskalos' (Christian) cosmogony, which is divided into two parts - the unmanifested state of Being-ness, and the worlds of manifestation and existence – are completely analogous to the *Upanishadic* cosmogony where *Prakriti*, the primordial material entity, and *Purusha*, pure consciousness, are two different aspects of the manifested *Brahman* whose union creates the world...

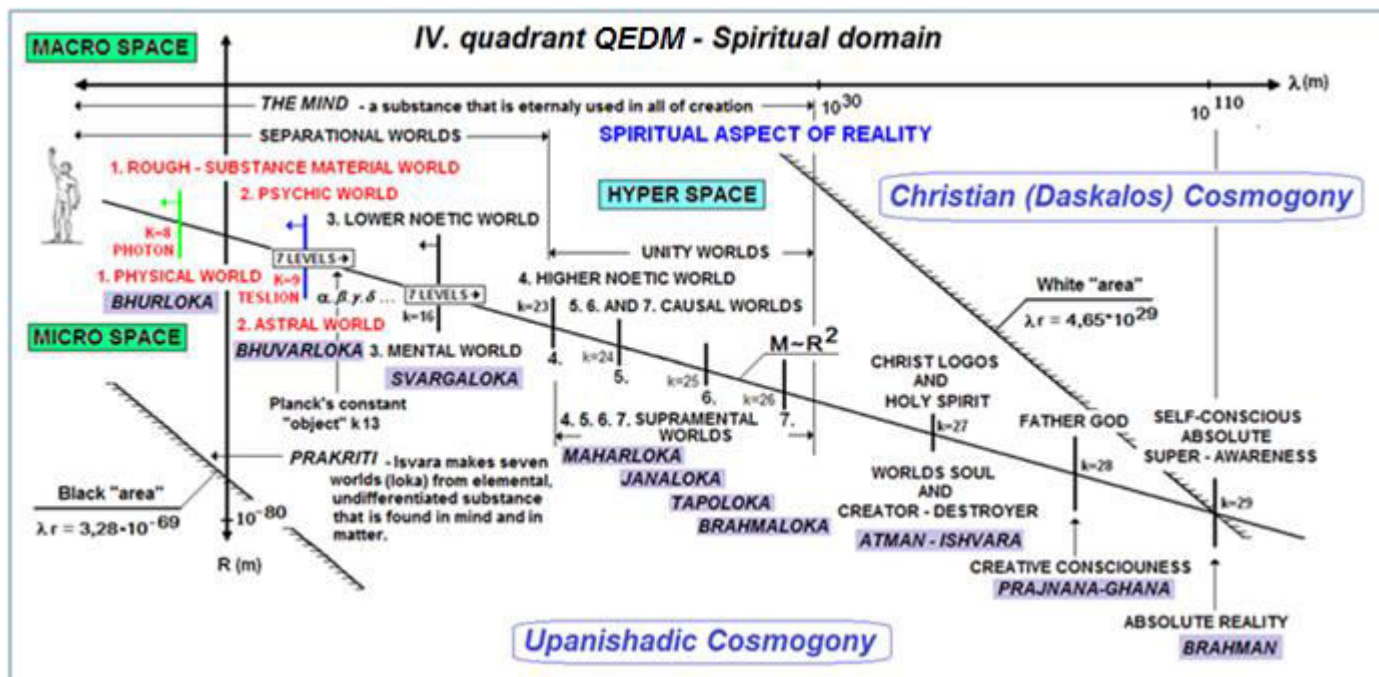


Fig. 2. IV Quadrant – Spiritual aspect of Reality

Bearing in mind this fact, in our analysis we have based on the "Samkhya" terminology - which is considered undoubtedly the oldest Indian school of thought – specifically on the text expounded in "*Samkhya Karika*" by *Ishvara Krishna* - believed to be the intellectual creation of *Maharishi Kapila*, created about 12,000 years ago - and according to some even 33,000 years ago. The problem is that *Kapila*, the Vedic sage who is considered the founder of *Samkhya*, lived around the 6th century BC and - what is even more problematic - *Sanskrit* - the language in which the ancient Vedic teachings were written, was created "only" 3500 years ago. But - according to some, the "*Vedas*" (absolute knowledge") were initially transmitted orally, from generation to generation,..., and according to existing records, the author of the *Vedas* is actually the Lord himself, who personally uttered and transmitted the entire knowledge of the universe, spirit and matter to *Brahma*, who then transmitted it to *Narada*, whose insights can be found throughout Vedic literature ... Anyway, Vedic knowledge is astonishing and offers us ancient insights into the structure of Reality that are far ahead of existing scientific knowledge in numerous fields from medicine, pharmacology, political economy, military knowledge to specific technical instructions for building aircraft (through space, time and even densities i.e. different Worlds/Lokas) ...

Samkhya philosophy holds that the Universe has a dual structure consisting of two eternal, indestructible realities, two distinct and independent entities called *Purusha* and *Prakriti*.

Purusha is the totality of the immovable cosmic principle, unattached and unconnected to anything, which is inactive, unchanging, eternal and pure, the center of consciousness, the pure consciousness that initiates the entire creative process, which is why it **is considered the essential cause of creation**. *Purusha* is the universal principle which is eternal, indestructible, formless and all-pervading. *Purusha* is the principle that acts "from the background" in the form of natural laws, but governs the evolution and flow of all changes, from cause to effect, breathes life into matter, is the source of consciousness, creates unity in all forms of life, in all humanity, and forms the essence of the Self. *Purusha* is the reason why and for whom the universe functions, why it is not static but dynamic and evolving. *Purusha* is the transcendent self or pure consciousness. It is absolute, independent, free, imperceptible, without parts, unknowable in any way, beyond all experience of the mind or senses and beyond any words or explanations. *Purusha* is not produced nor does it produce.

***Prakriti* is a primordial material entity** that has no consciousness of its own. It is the material cause of creation and the source of all material existence. *Prakriti* means all that is in its natural, unaltered form and also means "that which gives shapes or forms", which signifies nature or pure energy. *Prakriti* is eternal and all-pervading, uncaused, unlimited and material cause but has no consciousness of its own. That is the cause of this

material creation. However, to create, it uses proximity and connection with the *Purusha* whose consciousness is reflected in *Prakriti* to aid in creation.

The union of *Purusha* (consciousness) with *Prakriti* (matter) creates life. **The universe manifests from the unmanifested *Prakriti* due to proximity and connection with the *Purusha*.** Their intertwining is illustrated in the *Sankhya* as the connection and joint work of the lame and blind persons who help each other to reach their destination together. A blind person carries a lame person who leads them. Arriving at their destination, they split up and become independent again ...

So, *Prakriti* and *Purusha* are two different aspects of the manifested *Brahman* and both participate in, regulate and carry out the universal creative process. Nevertheless, ***Purusha* is the animating cause and thus the primary principle of nature, the soul of the universe and the universal spirit present everywhere, in everything and everyone.**

Creation

The basic principle of *Samkhya* philosophy according to which Creation takes place is the principle of hologram or self-similarity - that is "mirroring" the basic matrix, identical laws and relations at all levels and in all forms of existence. Ancient Chinese wisdom says that the ultimate reach of perfection is simplicity, and *Samkhya* is supremely simple by affirming with its axioms that Nature is infinitely consistent in varying the same primal matrix, the same basic motif at different levels of quantization (the term QEDM) in all aspects of existence.

So Absolute Reality consists of two eternal realities: *Purusha* and *Prakriti*. *Purusha* is the center of consciousness and the cause of creation while *Prakriti* is the source of all material existence. In its elemental, unmanifested form, *Prakriti* is differentiated as *Mula Prakriti* or *Pradhana*, which should by no means be considered as synonyms, which is often found in translations of *Vedic* texts.

Mulaprakrithi is a Sanskrit term denoting that aspect of the Absolute which underlies all the objective plans of Nature, the "root-substance" or "that substance which is the root". In theosophical writings, it is used with the meaning of pre-cosmic root-substance, fundamental or **elementary** (primordial) matter, which - in our opinion - represents the most elementary part of the substrate of matter in different levels of its differentiation. In the terminology of modern physics, it would be **the basic quantum of the cosmic protosubstance.**

Maharishi Kapila, a *Vedic* sage (*rishi*) who is considered the original author and advocate of *Samkhya* philosophy, introduces the concept of *Pradhana*, the matter from which the world was created, the unmanifest *Prakriti*, which exists in a state of potentiality before the evolution of the universe. It is a synonym for the perfect balance of the three *Gunas*.⁷

Pradhana is a Sanskrit word derived from "pra" and "dha" and means "that which is placed first" or "primary position" in the series of cosmic emanations. **Pradhana is the undifferentiated cosmic substance which is the root and first emanation of Prakriti**, so this word taken in the literal sense of "root of prakriti" is identified with *Mulaprakriti* - which is absolutely wrong. Namely, if *Prakriti* is "an eternal, all-pervading, uncaused and **limitless primordial material entity** then its "first emanation" - *Pradhana* - must have at least analogous attributes in the sense of "**undifferentiated substance**" (H.P. Blavatsky [9]) – which means that its structure is closer to the term non-differentiated field/potential or even some "non-manifested (proto)fluid". Some of the philosophical schools use the word *Akasha* as a synonym for *Pradhana*, which is also wrong but still - at least structurally - close because *Akasha* is "the noumenon of the sevenfold differentiated *Prakriti*, i.e. *Pradhana* in its lower vibrational ranges (H.P. Blavatsky [9]).

So *Akasha* is *Pradhana* in another form⁸ - the noumenon of sevenfold differentiated *Prakriti* - but *Akasha* is also differentiated into seven "levels" like anything else in the cosmos. For example, in the esoteric view, "*Astral Light*" is actually only the lowest manifestation of *Akasha*, which is the very Source, Cause and Life of all. The Seven Levels of Existence are sometimes described in Theosophical teachings as the Seven Principles of *Akasha* - **pure eternal Matter which is inseparable from pure eternal Spirit, for the two are in their absoluteness eternally One.**

Furthermore, when "matter" is said we must bear in mind that it is the "eternal substratum" for the Esoteric Doctrine understood by occultists in its "*laya*" or null state. *Prakriti* (Nature) is in a state of "*laya*" or absolute homogeneity in its undifferentiated state, because "matter exists in two states, "*sukshma*", or latent and undifferentiated, and "*sthula*" or differentiated state". Only after several levels of differentiation during evolution - at the level of "Gross Elements" (*Mahabhutas*) - becomes "*anu*" - atomic. So "eternal matter" is not the same substance as that of modern science because it is *PRADHANA* ("original basis"), but atoms are born in each new

⁷ In the structure of *Prakriti* there are three *Gunas*, that is - the main quality: *Sattva* - purity, light, *Rajas* - activity, inconstancy, *Tamas* - inactivity, inertness, darkness.

⁸ <https://theosophy.wiki/en/Akasha>

manvantara, or reconstruction of the universe. So there is a difference between manifested and unmanifested matter (H.P. Blavatsky, "The Secret Doctrine" volume 1, p. 522; 545;).

Since this is a key part of the Sanskrit phenomena hierarchy (*Mulaprakrithi/Pradhana/Akasha*) which are mostly identified and considered as synonyms - which is incorrect - we need to define their positions precisely in this part of the "spectrum" of "manifested *Brahman*"...

So, ***Mulaprakrithi* is the true "root of Nature", "the crudest and most elementary form" of *Pradhana*, which only in its lowest vibration ranges becomes "Akasha"**. As is shown in [3], according to the H. P. Blavatsky doctrine [9] – "*Akasha is the subtlest form of Ether – that is – Ether is the grossest form of Akasha which is a subtle, supersensible spiritual essence that pervades all space; primordial substance wrongly identified with Ether – for it is to Ether what spirit is to matter*".

So ***akasha* is the proto-element of ether**, a phenomenon that is more subtle than *ether* and represents an even more primary substance or precursor of *ether*. Furthermore, in the same paper ([3]) it was shown that the **ether in its crudest form represents a "quasi-substrate"**, i.e. a "perfect fluid of special qualities" as Nikola Tesla used to say [5,6].

According to QEDM, a photon is a "stable object" at the k+8 quantum level - the first, initial, element in a series of nuclear particles (neutrino, electron, proton...) that build the material world as is known by science.

But - from the photon as the "first brick" of the material world to the undifferentiated cosmic primordial substance that is the root and first emanation of *Prakriti*, that primordial material entity - it is really a long way in the process of creation about which science knows nothing because it is a segment of evolution, growth and development of God's Creation, the transformation of "spirit into matter" (and vice versa, H.P. Blavatsky, [9]) and includes the spiritual aspect of Reality (IV quadrant in QEDM, [1,2], Fig. 2). However, ancient wisdom illuminates this segment of Absolute Reality as well. According to the *Samkhya* teachings, *Prakriti* - in its manifested and differentiated state, takes form in *Pradhana* - the original root of matter, its first emanation, and becomes endowed (provided, equipped) with three main (*Guna*) qualities (traits). These are: Satva-guna (*sattva*, illumination), Raja-guna (*rajas*, activity) and Tama-guna (*tamas*, inertia) in a state of complete balance.

Gunas are a key concept in Hinduism that translates as "quality, distinctiveness, attribute, property". Everything in this material universe is composed of *three gunas* - *Sattva* (illumination), *Rajas* (activity) and *Tamas* (inertia, indolence) which are woven and remain present in all things and beings in the world. Like all technical terms in *Sanskrit*, the term "*guna*" can hardly be summed up in one word, so the following characteristics/qualities can be attributed to them: *Sattva* - light, goodness, calmness, harmony, *Rajas* - passion, activity, exciting, restless, movement and *Tamas* – heaviness, inertia, ignorance, laziness, dullness. Their original and common meaning is "*thread*", which implies the original materials that are "*woven*" together to form reality. A common but approximate translation in common usage is "quality". According to the Hindu worldview, the different proportions and interplay of these *three gunas* define the character or operating principle or tendencies of someone or something, nature,..., and determine the development of life. The universal law of the 3 *Gunas* applies to all aspects of manifestation: physical, emotional, to the rhythm of day and night, the season (winter - summer), the formation of elements, great cycles like *Brahma's* day and night, up to light and dark, heat - cold, expansion-contraction-resonance etc. In studies of human behavior, the combination of *gunas* predefine the personality, the innate nature and psychological attributes of the individual.

Pradhana, the undifferentiated cosmic substance, which is the root and first emanation of *Prakriti*, is nothing but the combination of the three *gunas* in a state of perfect balance, harmony or consent.

Essentially, the "inner" quality of the *gunas* is that they are always in a state of flux. If one of the *gunas*, e.g. *sattva*, is dominant at one moment, at the next moment another, *rajas* or *tamas*, can take over. The basic mechanism is always the same - a combination of the "kinetic phase" and the "potential" phase. Kinetic phase means movement, activity, sequential, in time, manifested, thinking process, etc., and potential phase means calm state, inactivity, simultaneous, instantaneous, unmanifested, meditation, etc.

In any case at all levels of creation *Prakriti* is the creative energy behind all creation and *Purusha* is the witness (observer). Every aspiration of creation is rooted in some desire, whether it is in the form of craving or antipathy. That desire is the main seed of creation, and the intention within the desire is the energy force that carries the desire to its lawful manifestation, maintenance and dissolution.

In the case of humans, the *gunas* are also responsible for developing "attachment" and "aversion" (to other humans) which then prompt them to action and activities which may be good/benevolent, bad/evil or a mixture thereof resulting in an eternal cycle of birth, death and rebirth called "*samsara*". This is probably the meaning of Tesla's words that "*man is an automaton of cosmic forces*"...

The process of evolution, presented in QEDM begins (or ends) from the ultimate-initial phenomenon (Blavatsky - evolution/involution; *Upanishads* - *Brahma's* "breathing" *Purusha/Prakriti*...) - from the "Supreme spiritual Absolute.

In Hinduism it is *Brahman*⁹, the highest universal cosmic principle, the absolute, immutable, permanent and highest reality in the Universe, the all-pervading, infinite, eternal truth, consciousness and bliss that does not change, but is the cause of all changes. *Brahman* is a metaphysical concept, the all-connecting unity that is behind (the background of) the diversity of everything that exists in the universe and the supreme controller of the origin of all unmanifested and manifested material phenomena and the basis of all beings, things, time and space and all that exists. In its unmanifested and undifferentiated unity it contains all potential and possibilities BEFORE the beginning of divine creation. The two most elementary forms or aspects of manifested *Brahman* are *Purusha* and *Prakriti*, the two eternal, indestructible realities, the two distinct and independent entities described in the previous section.

In short, *Purusha* is the center of consciousness and the cause of creation, while *Prakriti* is the source of all material existence. The first emanation of *Prakriti* is *Pradhana* - an undifferentiated cosmic substance whose structural matrix consists of the *three gunas* in a state of perfect balance, harmony or consent. The process of evolution begins when this balance is disturbed due to the proximity of the *Purusha* and the dominance of the corresponding *gunas* leads to the ("*trinitarian*") structure of this material world, including the human being. This state of imbalance which leads to evolution is called *Vikriti*. Disturbance of the perfect balance of the three *gunas* into a series of different combinations of material-spiritual phenomena results in evolution into 25 elements or "*tattvas*" (*tattvas* - elements or principles, aspects, realities that make up the human experience).

As has already been said several times, *Samkhya* philosophy believes that the Universe consists of two eternal realities: *Purusha* and *Prakriti*, whereby *Purusha* is the center of consciousness, while *Prakriti* is the source of all material existence. The system of twenty-five *tattvas* of *Samkhya* explains the process and structure of creation, starting from *Prakriti* as the source of the world of becoming. It is also the first *tattva* and is seen as pure potentiality which successively develops into twenty-four additional *tattvas* or principles.

25 tattvas (elements) in Samkhya

Purusha is an entity that did not evolve from any other entity, nor was it created from any other entity, is not creative, and does not have the ability to create another entity from itself. Unlike it, *Prakriti* is elementary matter in its primordial or unmanifested state called *Avyakta*, and represents the "primordial nature", the cause of all phenomena in the universe. *Avyakta* is the "substantial" basis and potential of creation which, through the action of the consciousness of *Purusha*, dynamizes and moves its peaceful state through continuous vibrations that initiate the creation of *tattvas* and manifestations. Unlike the *Purusha*, it has the ability to evolve, modify or generate other elements under certain circumstances such as the disturbance of the perfect balance of the *three gunas*.

Here we must note that the word *Avyakta*, which refers to the unmanifest, in the opinion of the vast majority of authors, is only another name or synonym of *Pradhana*, while a small number disagree with it¹⁰. The differences are obviously too subtle because - in essence - they cannot be marked as different because all *three gunas* in them are in a neutralized state, without manifested qualities. In view of this, we accept the term "*Pradhana*" to be "equal" and replace the name *Avyakta*, "without any modification".

***Aviakta* is the 1st tattva** (element) primordial nature, unmanifested substrate, absolutely homogeneous, without any physical or chemical characteristics, it can neither be created nor destroyed. Although it creates a complete material world, it always remains the same and unchanged. *Avyakta* is a word denoting the state of subtlety of the primordial elemental matter *Prakriti* - the primordial material aspect of manifested *Brahman* which is the self-aware intelligence in spaceless and timeless potentiality, the supreme controller who is the most subtle of all emanations and/or manifestations and who, by virtue of that subtlety, is the ultimate support of *Prakriti* in the subsequent processes of creation.

The first next element, the **2nd tattva**, which appears as a result of the *Vikriti* state (imbalance of the *three gunas* leading to evolution) is ***Mahad***, pure consciousness, cosmic intelligence or universal intellect **or *Budhi*** - Personal intelligence connected with cosmic intelligence on an individual level.

Mahad represents Pure Consciousness, Universal Wisdom and Insight. It is endless creativity coupled with pure potential. From the *Mahad* emerges the individual creativity and judgment of *Buddhi* - Individual Consciousness, Personal Wisdom and Personal Discernment. All our choices are based on our own individual judgment which enables us to distinguish right from wrong and to choose our own path in our own life. The individual *Buddhi* is associated with cosmic intelligence, infinite creativity and potential, but at the same time becomes associated with an idea of self that is distinct from other beings. This creates (our) personality which is

⁹ The term "*Brahman*" which in the Upanishads is "Supreme Existence or Absolute Reality should not be confused with "*Brahma*" - a Hindu god.

¹⁰ https://www.sivanandaonline.org/?cmd=displaysection§ion_id=594

based on *Ahamkara* or ego mind or individual. It is the sense of self that makes us feel different from other beings even though we all came from the same source and are part of the same whole.

Buddhi (Personal Intelligence connected with Cosmic Intelligence) evolves into the **3rd Tattva Ahamkara** (ego), that is, the individual principle that characterizes Personality, identity, the Personal-separate motive that gives awareness of the individual self as separate from the universal self.

The elements that evolve from *Ahamkara* form different phenomena under the dominance of one of the 3-guna principles/traits/qualities. The dominant influence of Sattva guna results in 11 *tatvas* evolving into 11 “*Indriyas*” or sense perceptions. That are:

Five “*jnanendriyas*” - organs of perception, knowledge or perception that enable cognitive abilities: ear, skin, eye, tongue and nose.

Five “*karmendriyas*” - organs of action or operation that enable activities: mouth, hands, legs, genitals and anus.

Manas - the mind that supports both the organs of perception and the organs of action.

The elements (*tatvas*) that evolve from *Ahamkara* under the dominance of *Tamas guna* (10 *tatvas*) result in the creation of 5 basic subtle elements that evolve into the corresponding five “gross elements”. That are:

Five “*tanmatras*” – Subtle elements, subtle senses of perception: hearing, touch, sight, taste and smell.

Five “*mahabhutas*” – Gross elements, (great elements) – akasha, air, fire, water and earth.

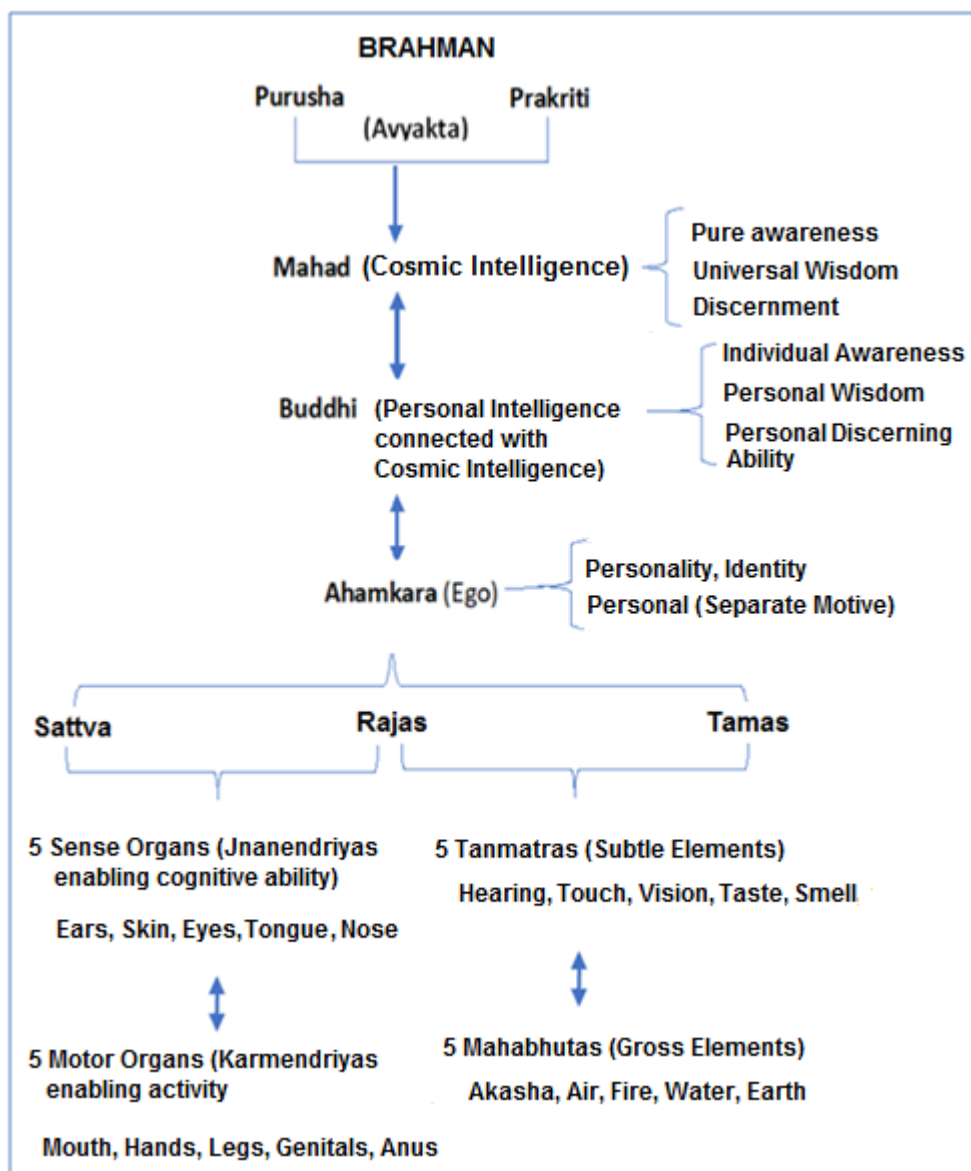


Fig. 3. The system of the twenty-five *tattvas* of the *Sankhya*

When we add *Purusha* (pure consciousness) to this series of 24 “*tattvas*” (elements) that *Samkhya* philosophy uses to explain the structure and origin of the Universe, we get a total of 25 elements (*tattvas*). Some

later schools of philosophy (*Shaivite* philosophies) expand the number of *tattvas* to 36 - however, EVERYTHING - including us as individuals - is essentially "made up" of these 25 elements.

The entire universe consists of five basic elements, i.e. *Pancha Mahabhutas*. *Pancha* means "five" and *Mahabhoota* means "great element": Akasha (In Sanskrit: *Akash*), Air (*Vayu*), Fire (*Agni*), Water (*Jala*) and Earth (*Prithvi*)

The combination of different components in different proportions leads to unique things (matters/ physical substance). Each element has different characteristics, which create unique objects. **Every matter contains all these five elements**, every atom and every cell of a living organism consists of their specific combination.

The formation of these 5 elements (*Pancha Mahabhootas*) takes place as follows:

The first element that arises is *Akasha*. The next element that results from the **condensation** of *Akasha* is *Vayu* (Air), then comes the next, **denser** element, *Agni* (Fire). Then the *Jala* (water) element is formed and since it is derived from fire, **it is denser than fire** and finally the *Prithvi* (earth) element is formed which **has the highest density**. So the basic principles of Sankhya are obviously absolutely identical to the Quantized **Energy Density** Model.

Each "great element" is formed as a combination of all 5 Tanmatras (Subtle Elements) but each is characterized by the dominance of one Tanmatra (Sanskrit word meaning "subtle essence"): Hearing (*Shabda*), Touch (*Sparsha*), Vision (*Roopa*), Taste (*Rasa*) and Smell (*Gandha*).

Medusobna povezanost i analogija svih pomenutih fenomena data je u tabeli dole:

Mahabhutas Large/Gross elements	Tanmatras Subtle elements	Jnanendriyas Organs of perception	Karmendriyas Organs of action	Action
<i>Akash</i> / Akasha	<i>Shabda</i> / Hearing	<i>Karna</i> / Ears	<i>Vaka</i> / Mouth	Speech
<i>Vayu</i> / Air	<i>Sparsha</i> / Touch	<i>Twacha</i> / Skin	<i>Hasta</i> / Hands	Holding
<i>Agni</i> / Fire	<i>Roopa</i> / Vision	<i>Netra</i> / Eyes	<i>Paada</i> / Legs	Movement
<i>Jala</i> / Water	<i>Rasa</i> / Taste	<i>Jiwaha</i> / Tongue	<i>Upastha</i> / Genitals	Reproduction
<i>Prithvi</i> / Earth	<i>Gandha</i> / Smell	<i>Nasa</i> / Nose	<i>Paayu</i> / Anus	Excretion

We have already mentioned the problem of understanding Sanskrit phenomena. I noticed the biggest confusion in the translation of the Sanskrit term "*Akash*", which in various texts is translated as space, ether - and in some even as vacuum. In order to better understand the meaning of the basic elements (*Pancha Mahabhutas*) that make up the entire Universe, we list their characteristic properties and/or features:

Akash/Akasha: symbolizes all pores and empty spaces; means to have a cavity with freedom of movement; denotes a cavity or hollow space; the qualities of this element are: pure, light, subtle and immeasurable.

Vayu/Air: symbolizes the gaseous form; it is very dynamic and mobile in nature; it initiates and directs motion or movement; air element, keeps the body in constant motion.

Agni/Fire: the most important quality of this element is "heat"; is responsible for all transformations from one form to another (solid to liquid, liquid to gas) in the entire universe; this component provides the energy that is necessary to perform body action/activity; it has the characteristics of being hot, sharp, light, dry and subtle.

Jala/Water: symbolizes liquid form; having the quality of binding to anything solid, helping to bind or join; it exhibits qualities such as cold, fluid, still, soft, and slimy. Its main effects are cohesiveness and stickiness.

Prithvi/Earth: It symbolizes the solid form of the element; it is stable, heavy and rigid; means stability, endurance and solidity; improves strength and stability in the body, gives structure, shape and strength.

Final considerations

The word Akasha or Akash in Sanskrit comes from the root *kas* meaning "to be". In Vedic Sanskrit it means "open space, emptiness". In classical Sanskrit it expresses the concept of "heaven; atmosphere". In Vedic philosophy, this word acquires its technical meaning of "the ethereal fluid that pervades the cosmos." *Aether* or *Ether* - in Greek mythology is the personification of the "bright upper sky" or "upper atmosphere", and as a non-personified entity it represents the material element of the cosmos. In Homeric Greek it means "clean, fresh air" or "clear sky". It was thought to be the pure essence that fills the space in which the gods live and which they breathe - analogous to the air breathed by mortals.

As a classical element, according to ancient and medieval science, **ether is known as the fifth element or quintessence**, the material that fills the realm of the universe beyond the earthly sphere. The concept of aether has been used to explain natural phenomena, such as the propagation of light and gravity. In fact, the entire science of the 19th and early 20th centuries was based on the concepts of ether (detailed in [5]).

It is therefore obvious that the meanings of the words Akasha and Ether are very similar and it is no wonder that these, as well as similar, associatively close, terms are intertwined, often equated and cited as

synonyms. However, these are different phenomena as detailed in [3], and here **we emphasize once again that akasha is a more subtle form, precursor or protoelement of ether** [6].

Considering that these are "substrates" which - in any case - have the meaning of some special, particular "fluid" which are of different quantum levels according to QEDM, and it is understood that they also have their most elementary parts, "quanta", - which makes them what they are.

As stated in the "Creation" section, the progenitor of *Akasha* is "*Pradhana*" - the first emanation of *Prakriti*, which in its lower vibrational ranges becomes *Akasha*, "cosmic matter" or more precisely "super-subtle cosmic fluid". The fact that *Mulaprakrithi* represents the "root of prakriti" or "root of nature" and is often defined as the elemental essence of (unmanifested) matter - is quite a logical direct connection of *Akasha* as the (super subtle) substrate and *Mulaprakrithi* as its elemental quantum.

When it comes to the analog relationship at a lower level of quantization: *Ether-k+9* (Teslion in QEDM or *Bhutatmas*¹⁴) - things get complicated due to different interpretations of the original Vedic texts - which we emphasized as the basic problem of understanding ancient knowledge.

What is undoubtedly true is that *Samkhya* philosophy holds that the Universe consists of two eternal realities: *Purusha* - which is the center of consciousness and *Prakriti* - the source of all material existence. *Purusha* and *Prakriti* have no known origin, they are known as eternal (*nitia*), without any beginning (*anadi*) and end (*ananta*). In the "Structure of Reality" both phenomena are not placed one after the other (sequentially), but together (simultaneously), because both are equally and necessarily necessary for evolution to take place. The process of evolution begins when - due to the proximity of *Purusha* - in *Pradhana*, the first emanation of *Prakriti*, the perfect balance of the *three gunas* is disturbed (*vikriti*), whereby the different combination of *gunas* leads to the "Structure of Absolute Reality (and this material world) as explained in the *system 25 tattvas*.

So, according to *Samkhya*, evolution arises from Intellect or *Buddhi* as the first element of evolution from unmanifest (*Mula*) *Prakriti* - which means that evolution basically understands the "transformation" of spirit into matter - just as it is described by the QED Model [2] or in Blavacka's theosophy [9]:

"The doctrine teaches us this: to become a divine, fully conscious god, even the highest Spiritual primordial INTELLIGENCE must pass through the human stage. Human refers not only to our earthly humanity, but to the mortals who inhabit any world, ie. those Intelligences which have reached the proper balance between matter and spirit, such as we have now..."

or in the opposite, inverse, process - the process of involution ("*Brahma's inhale*"):

"... Breath becomes stone; stone, plant; plant, animal; animal, man; man, spirit; and spirit, god."

So **ALL ENTITIES** regardless of the level of quantization, i.e. the level of "growth and development" reached in the process of evolution (or decline during involution) **constitutes the interweaving of spirit and matter** in appropriate "proportions" - analogous to the yin and yang concept¹¹ in Chinese philosophy. Evolution starts from the "Supreme Spiritual Absolute", (Stable Object k+29, according to QEDM) from pure consciousness, "Absolute Self-Aware Intelligence" to the Universe (Stable Object k-11) as the ultimate material manifestation, while in the involution phase the process reversed (Fig. 4).

The word *panchamahabhuta*¹² consists of three words: "*pancha*", "*maha*" and "*bhuta*". "*Pancha*" means five, "*maha*" means great, and "*bhuta*" means that which exists. All animate and inanimate objects in the universe are composed of *panchamahabhuta*. The word "*bhuta*" is derived from "*Bhu*" *dhatu* (Sanskrit: root) and "*Kta*" *pratyaya* (suffix). It means existence in the universe. What can be perceived through the external sense organs is called "*Bhuta*" [7]. *Panchamahabhuta* is therefore the five basic elements responsible for the creation of the universe, including humans. *Mahabhutas* evolve into corresponding entities based on the dominance of one of the basic qualities/properties of the universe: *Akasha/Akash*: *Sattva* is dominant; *Air/Vayu*: *Rajas* is dominant; *Fire/Agni*: *Sattva* and *Rajas* are dominant. *Water/Jala*: *Satva* and *Tamas* are dominant; *Earth/Prithvi*: *Tamas* is dominant.

In the text "The path"¹³ we find the following interpretation: "*The soul, or Self, is dual, semi-material, while the material or outer covering is known as the elemental self - Bhutatma of Upanishads*".

According to the Vedas and Upanishads¹⁴, "*matter is composed of infinitely small particles called "bhutatmas" which are also the smallest units of Consciousness. In Kashmir Shaivism, which is based on the Vedas, matter consists of "tattvas" which are units of consciousness and are also considered a type of energy. Moreover, there are many layers of consciousness in this system, where the **densest forms relate to matter.**"*

¹¹ This principle implies that all things exist as a union of inseparable opposites that attract and complement each other, and as their symbol depicts, each contains an element of the other side, with neither side being superior to the other...

¹² https://www.carakasamhitaonline.com/index.php/Pancha_mahabhuta

¹³ http://www.theosnet.net/dzyan/thepath/the_path_v2_n4_july_1887.pdf

¹⁴ "The Fabrics of Consciousness", © R.N.Boyd, <https://worlds-within-worlds.org/fabrics-of-consciousness.php>

In the commentary of Dr. Adrian Klein, Ph.D¹⁵ : "A FEW PRELIMINARY COMMENTS ON DR. MARJANOVIC INPUT", the correlation between the Stable Object k9 (QEDM - quantum carrier of Tesla Waves) and the phenomenon "Bhutatmas" is established:

"G. Marjanović new input brings an additional supportive set of physically based arguments in favor of Tesla's genial, experimentally proven concept that restores the ether as a scientifically valid working hypothesis for a more accurate description of the way fundamental physical interactions lead to the set-up of the Universe such as we just begin to know it ..."

Komentar dr. R.N. Boyd-a, PhD,¹⁵ : "Comments related to MARJANOVIC'S "AKASHIC" WHICH EQUALS BHUTATMAS (VORTEX LINES)", clarifies the established correlation "Teslion" – "Bhutatmas":

"Related to Marjanovic's separation of the akashic entities, from the other phase states of the aether: In the most direct sense, akashic motion generates expansion and growth.

Separation of Bhutatmas (the akashic realm) into 4 of the phase states of Mishin's 5 Phase State aether (as proved by 30 years of direct instrumented observations), comes through expansion of the akashic particles (Bhutatmas, vortex lines), which must have room to move, relative to the other 4 phase states of the 5 phase state aether.

The akashic would then correspond to the 5th Phase State of Mishin's aether, because the 5th Phase state of the aether ranges from superluminal to infinite velocity activities, and thus produces many astrophysically observed intergalactic interactions, across vast distances.

The akashic Bhutatmas (vortex lines) are allowed to travel with any velocity, from zero velocity to an infinite velocity. This situation corresponds to 4 of the 15 bilinear (Mobius) transformation solutions of the Maxwell equations as discovered by V. Fock, Tony Smith, RM Kiehn, and RN Boyd ..."

In the opinion of other participants in the discussion¹⁵, other terms would be more suitable for k9:

"...I would suggest that this Sanskrit word be replaced with jiva-bhuta or jiva (living being, para-prakrti or higher energy than prakrti (material energy) and lower than God), because jiva is marginal energy and can fall under the influence of lower material energy. ..."

Summary

Let us repeat: *Akasha is the "noumen of the sevenfold differentiated Prakriti, or Pradhana in its lower ranges of vibrations. Furthermore, Akasha is also the subtlest form of Ether - that is - Eetar is the grossest form of Akasha which is a thin, supersensible, spiritual essence that permeates all space; the original substance wrongly identified with Ether - because it is to Ether what spirit is to matter" (H.P. Blavatsky, [3, 9]).* So, although formally small, fundamentally - the difference is huge.

Ether, is a "quasi-substrate" also differentiated by subtlety in several levels, so that in its crudest form it represents a "perfect fluid of special qualities" as Nikola Tesla considered it [5,6] so that according to him "Light is sound in the ether – i.e. EM Waves are longitudinal, expansion-contraction disturbances of the ether".

As a full analogy with the photon, the quantum carrier of the EM field, which also includes several levels of quantization and corresponding wave regions (Radio Spectrum: LF HF MF VHF,..., light, gamma, x-rays) the *Mulaprakrithi* ↔ *Akasha* correlation was established and in an analogous way : *Teslion (Bhutatmas) ↔ Ether* [3].

But - what we consider to be a huge advantage of the interpretation of "Absolute Reality" from the aspect of QEDM, which describes Reality as the unity of matter and spirit, a quantized series of intertwined material and spiritual phenomena - is the impressive possibility of establishing associative links between the material and spiritual segments of the SAME reality - and therefore their better understanding and - most importantly - possible mutual correlation and interaction of entities from both aspects of Reality.

Specifically - according to QEDM's settings, the hyperdimensional "equator" - the border (meeting) between the hemi-hyperspheric "matter/spirit areas", (4D) hypersphere "Absolute Reality" - is located at the position of the Energy-Space diagram corresponding to the frequency of 1 Hz [6] !!! (Fig. 4). This is an extremely unusual fact because it is the frequency, "rhythm" or vibration of the human heart !!! If we take into account the fact that "Man", as a "stable object" of the order of quantization $k=0$, is "placed" in the point of the golden intersection of the abscissa and the line of "growth and development" (evolution), we can be quite sure that the Creator intended a very important role for the "Man" in his Creation...

Mulaprakrithi, the undifferentiated primeval primordial substance, the spiritual essence of matter, as an elementary quantum of *Akasha* is located at position ***k+10***, which belongs to the spiritual aspect of Reality, where **there are no space-time limitations for any manifested entity**. In other words, taking into account the

¹⁵ <https://dradrianklein.wordpress.com/forum/>

interpretations in the sections "Creation" and "25 *tattvas* (elements) in *Samkhya*", the propagation of "energy/information packages", at the level of "*tanmatras*" - and the more subtle ones in the medium of "*Akasha*" - takes place INSTANTLY, on arbitrary "distance, without any inertial-gravitational effects ... This is quite understandable because it is the area far "below"/"inside" nuclear "particles", including those that are carriers of strong, weak, gravitational and EM interactions (gluons, bosons, gravitons, photons respectively). This also means that phenomenology in that area cannot be explained by existing theories based on the four mentioned interactions. On the other hand - this gives us full freedom to mutually "mirror" the matter-spirit of Reality and "translate" ancient *Vedic* teachings from the domain of metaphysics into the realm of True Reality, whereby the abstract, spiritual, concepts of Sankhya become phenomena completely equivalent to the entities of material Reality (macro/micro) because QEDM describes them with identical parameters of modern science.

Samkhya teaches us that Reality consists of energetic multi-layered phenomena of different densities woven within each other (quantum levels in QEDM), where the "denser" ones are "inside" the "rarer" ones - such as, for example, "air" - as a medium for the propagation of sound - makes a mixture of nitrogen, oxygen, argon, helium gases... whose individual density is greater than the medium they make up.

Stable object **k+9, or "Teslion"** in the interpretation of QEDM, that is quantum carrier of etheric fluctuations (longitudinal, volume/volumetric vibrations), is located in the border area of the "Hyperdimensional" equator and covers the energy (frequency) spectrum that includes both, part of the material and part of the spiritual segment of Reality. Therefore - bearing in mind the multi-layered differentiation of the ether and the established correlativeness of the "Stable Object k+9" with the phenomenon of dual nature¹⁶ - "Bhutatmas" - enables even more powerful argumentation that the "k+9" phenomenon, "**Bhutatmas**" (Dr. A. Klein¹⁵, Ph.D) or Teslion (QEDM [1]) - can be a "bridge" between the material and spiritual segments of the Unity or the link between scientific (Macro/Micro segment QEDM) and spiritual (Hyper segment QEDM) vision of the "Absolute Realities". The "**k+9** phenomenon, that "The smallest unit of matter and the smallest unit of Consciousness" - **whatever we call it** - belongs to the "subphoton area" of the material segment of Reality - which - according to all qualities and physical parameters¹⁷, **is the area of "Tesla's Non-Hertzian waves"**, which gives all his (currently – controversial) statements full scientific meaning. On the other hand, a more subtle form of the SAME ("multilayered") entity (k+9) represents the "entrance" to the astral level. That is - Tesla's waves are movements in the Ether (vibrations, flickerings), but they are obviously both "here" and "there"..., in the area closest to (ponderable) matter and at the same time at the very entrance to the "Astral" area and spiritual depths that lead to the "Supreme Spiritual Absolute"... Given that ether is a "dense" substrate than Akasha, with more pronounced "material" and "reduced" spiritual properties - it is quite realistic to expect a certain limitation of the spatio-temporal properties of that "special fluid with special properties" (Nikola Tesla), a significantly different "interactivity", both within its domain and with entities of "higher" and "lower" densities - and of course limited propagation speed. Experiments with "Torsion fields"¹⁸ have shown that they possess elemental awareness, influence bio-structures, gravity,..., and propagate at a speed 10⁹ times greater than the speed of light. Therefore, there can be no question of classical (transverse-vector) EM waves whose quantum carrier is a photon (k+8). This is probably **the true meaning of Tesla's words that he does not work with "Hertzian" waves!**

In QEDM **photon** (in *Sankhya: vrithi*) - "Stable object k+8" - is the last phenomenon of the material world known to official science. All "subtle phenomena like quarks, dark matter, ..., are hypothetical, undetectable, unmeasurable entities. The first next phenomenon of material Reality in the direction of evolution is the neutrino (in *Sankhya: vikrithi*) - "Stable object k+7", then the electron (in *Sankhya: Mahad Vikrithi*) "Stable object k+6", etc. In *Sankhya*, these phenomena are described (33 thousand years ago ???) with physical, measurable parameters (mass, size...) which agree fantastically with the parameters of modern science. At the same time, it was explained their structure and interactive processes¹⁹ by which the entire world known to us is formed as a result of complex **volume vibrations** of the basic (imperceptible) substrate whose elementary quantum is - *Mulaprakrithi*.

In the "Energy-Space diagram" [4] it is clearly visible that the position of the "Stable object k+8" (photon) is in the material domain of Reality - the "Physical world" according to *Upanishadic* cosmogony or the "Gross material world" according to Christian (Daskalos) cosmogonies, where the structure of objective reality is

¹⁶ "an infinitesimal particle of Vedic lore, the ultimate building block of everything, the smallest unit of matter, and at the same time the smallest unit of consciousness". (<https://www.gsjournal.net/.../Research.../Download/7892>)

¹⁷ Tesla's Canadian Patent 142,352 - "Art of Transmitting Electrical Energy through the natural Mediums.

¹⁸ Torsion Fields and their Experimental Manifestations, <http://amasci.com/freenrg/tors/tors.html>

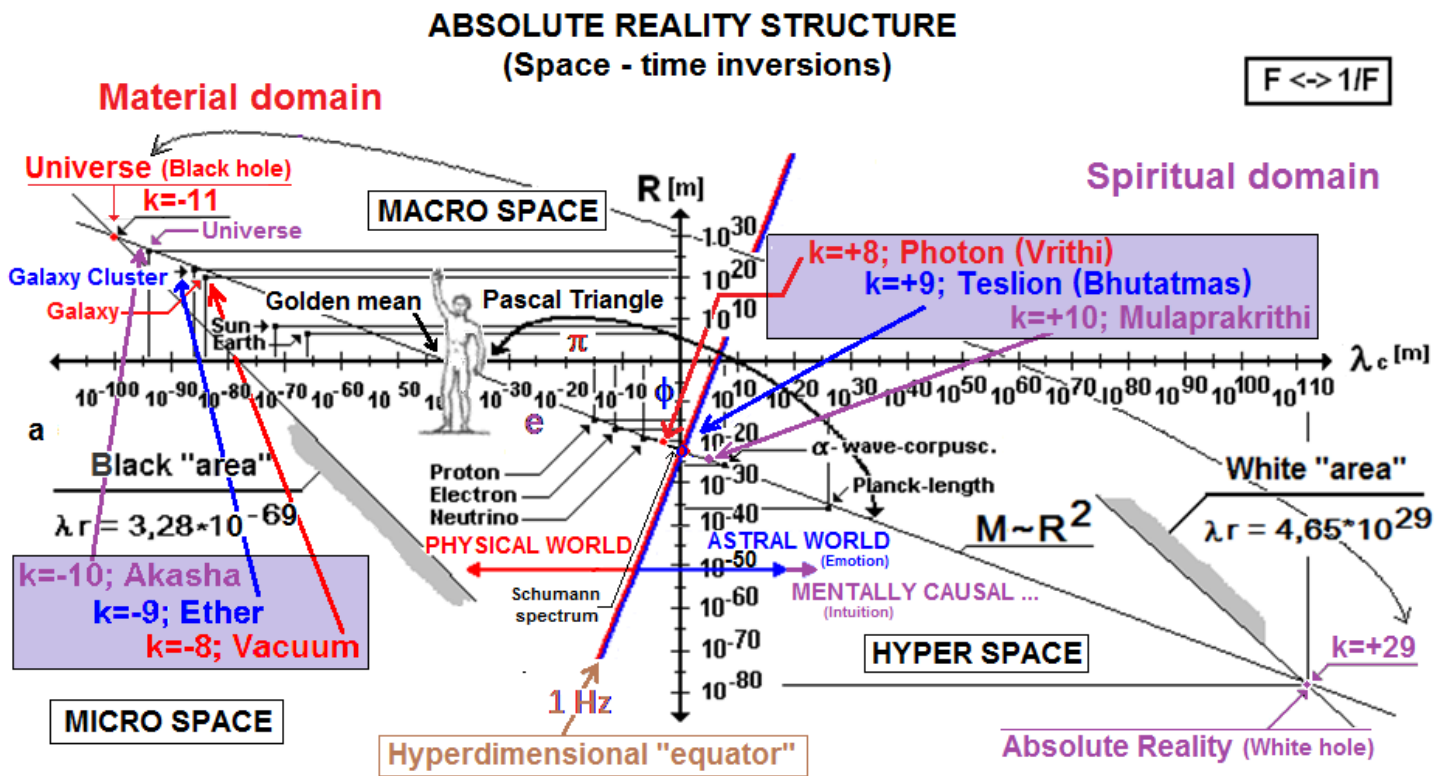
¹⁹ Eg: *Ahamkara* is a conscious activity related to the expansive, sequential, visible material world and works in the *Sattva* modality. Another simultaneous part of that process - *Abhimana* is the potential of consciousness. Compressive, simultaneous *Tamas* modality. The "interface" *Abhiman-Ahankar* (potential-activity) is a system in the process of creation by means of which all possible changes of manifested nature occur through the transition from simultaneous to sequential mode and vice versa ...

(https://www.ivantic.info/Moje_knjige/Srinivasan%20-%20Secret%20Of%20Sankhya%20-%20Acme%20Of%20Scientific%20Unification.pdf)

explained by the four interactions known to science (EM, weak, strong, gravitational) where the photon is an elementary quantum of energy and force carriers of the electromagnetic force. Given that it is about the coarsest levels of the primal-substrate and the highest "density" of the "super-subtle cosmic fluid" (*Pradhana*->*Akasha*->*Etar*) which Nikola Tesla called "a special fluid with special properties" or "superfluid quantum vacuum" - which is the unofficial scientific term for the (non-existent?) *Ether* - the realistic expectation of absolute limitation of space-time categories and the existence of physical "interactivity" of photons, transmitters of electromagnetic force, with the real structure of "vacuum" or free space. In practice, in accordance with Maxwell's theory, the propagation speed of EM waves is determined by the values of electric and magnetic properties so-called permeability and permittivity. In a vacuum, it is $c=299792458$ m/s, in air it is slightly smaller, and in a (denser) medium it has a much lower value with a huge attenuation ...

From everything that has been said here, it is quite clear that the interactivity of the "elementary quantum" and the medium of which it is the basic element is proportional to the ratio of their (energy) densities, i.e. the difference in the quantization level: *Akasha* (k-10)-*Mulaprakrithi* (k+10), *Etar* (k-9)-*Teslion* (k+9), *Vakum* (k-8)-*foton* (k+8). Therefore, it is quite logical that the last phenomenon of the material world - the photon (*vrithi*), the Stable object k+8, has the greatest limits so that its propagation speed range is the smallest and the maximum value of the EM wave speed is in vacuum (k=-8), the "rarest" domain of ponderable (detectable, measurable) Reality and decreases with the density of the ponderable medium.

For example for the Earth conglomerate, the EMW propagation speed²⁰ is 7.8 times lower than the speed of light. The "boundary phenomenon" of the matter-spirit area – *Teslion* (*Bhutatmas*), Stable object k+9, has the highest speed in the subtlest structure of *Ether* (k=-9) which is of the order of $10^9 \cdot c$. The first phenomenon of the spiritual world, observed in the direction of involution, *Mulaprakrithi*, Stable object k+10, undifferentiated protocosmic primordial substance, spiritual essence of matter, as an elementary quantum of *Akasha* (k=-10) belongs to the spiritual aspect of Reality and has the possibility of "propagation" at unlimited speed including and infinite value (in Sankhya: "Instantaneous transmigration of stress").



Sl.4. Struktura Apsolutne Stvarnosti sa aspekta Modela KGE

It is really more than interesting that in a series of "mediums", in the positions of quantum levels k-10 (*Akasha*); k-9 (*Ether*) and k-8 (*Vacuum*) following objects are located: "Universe", Galactic Clusters and Galaxies respectively - which imposes the idea that the **speed of light could still be higher in inter-galactic regions** and especially in an even "deeper" "vacuum" where the energy density is significantly lower than in "our" vacuum - where the measurement established a value of 299792458 m/s. Lower energy density also allows the possibility

²⁰ $C = \sqrt{1/\epsilon\mu}$; ϵ - electrical permittivity, μ - magnetic permeability.

of lower values of electrical permittivity and magnetic permeability, so this idea is really possible. The future will show. ☺

If we add to these facts the information that according to the Upanishadic cosmogony the **area of "Tesla waves" (quantum level k+9)** corresponds to the **"Astral level"** where - according to esoteric interpretations - The **"vehicle of the soul" for communication with reality is EMOTION** - it follows that the communication of our being with reality through emotions (enteric / stomach / brain) takes place through **Tesla waves**, at a "lower", sub-photon level - which are **more subtle than the EM field**, therefore, by volumetric vibrations of the etheric fluid, a special medium with special properties (def. Nikola Tesla) **according to laws significantly different from the laws of propagation of EM waves through vibrations of electric and magnetic fields whose quantum carrier is the photon (k=+8).**

In a similar way, according to the Upanishadic cosmogony, the quantum level **k+10 corresponds to the "mental-causal level" where** - according to esoteric interpretations - **the "vehicle of the soul" is intuition.** According to the QED Model **at position k+10 is "Mulaprakrithi", the elementary quantum of "Akasha"** of the primordial, undifferentiated, protocosmic substance. So - the communication of our being with reality through intuition takes place through akasha as an ultra-fine, subtle, "medium" - the spiritual essence of matter, **which enables us to have an instant, non-localized exchange of information with all phenomena of Reality, including the "morphogenetic field", the area of genetic knowledge, deities...**

Observed correlatives and possible analogies between phenomena from the domain of ponderable-measurable and ethereal-spiritual-immeasurable gives us a solid basis for upgrading existing theories and **foundations of new experimental-theoretical ethereal-spiritual physics.**

As an illustration of the agreement of the latest experimental-theoretical insights of modern science and the positions of QEDM, we cite a scientific estimate of the value of the average density of **"dark matter"** in the vicinity of the Solar System [8], according to which its value is approximately 1 proton mass for every 3 cubic centimeters, which is approximately **$6 \cdot 10^{-31} \text{ g/cm}^3$** . The actual density may be slightly lower or higher, but it is a real order of magnitude. Dark matter is not distributed evenly in the universe. Our galaxy is embedded in a large cloud of dark matter, so the density varies slowly with a distance of many light years. Therefore, the scientific estimate of the density of "Dark matter" of about 10^{-30} g/cm^3 **corresponds to "Stable object k-10**, which - according to the postulates of QEDM - is the **"Universe"** or - according to observed analogies - **"Akasha" as a "medium" of instant communication** through the vibrations of that "super-subtle cosmic fluid" that is, through the **"phase transmigration"** of its most elementary particles ("vibration packages") - **"Mulaprakrithi"** - precosmic root-substance, fundamental or elementary (primordial)matter.

The fact that emerges from the previous considerations is that instant communication within the entire creation is really possible through "intuition" - that is, without any restrictions and outside of all spatial and temporal categories, including the world we call "the other side", the past or the future,..., with the world that intertwines with "ours" but which is "on another level of vibration" and existence described as "Worlds" in the Christian, or **"Lokas"** in the Upanishadic cosmogony.

Nikola Tesla is often said to have been an intuitive genius, which is indeed quite unquestionable, and he says the following about intuition: *Instinct is something which transcends knowledge. We have, undoubtedly, certain finer fibers that enable us to perceive truths when logical deduction, or any other willful effort of the brain, is futile* – which proves the depth of his insights into the True Structure of Reality. ☺

Ancient mystics spoke of the existence of some "interconnected" "cosmic field" at the "root of reality", the **Akasha** field that stores and transmits information. But the latest discoveries in vacuum physics show that such a field really exists and that it has its equivalent in the "Zero Point"²¹, which is the basis of the Universe. Anyway - that "Zero Field" or **Akasha Field** is the eternal and unchanging memory of the universe. It contains a record of everything that has ever happened on Earth and the cosmos and connects it to everything that has been or will happen...

Bearing in mind the presented considerations related to k-10/k+10 phenomena (**Akasha/Mulaprakrithi**), such mystical insights, completely unacceptable from the aspect of existing scientific knowledge, nevertheless become much more probable and possible. What's more, from the diagram in Figure 4 we see that the ultimate phenomenon of evolution is the "Stable object k+11" - the Universe in the "Black Hole" state²² - an object whose gravitational field is so strong that no form of matter or radiation can leave that object, including light quanta (k+8 according to QEDM), which makes the object appear black when viewed, hence its name. However, scientists

²¹ Zero Point Energy is the lowest possible energy that a quantum mechanical system can have, https://en.wikipedia.org/wiki/Zero-point_energy

²² The general theory of relativity describes a black hole as a place where space-time is infinitely curved.

have discovered that the "Black Hole" is not completely black, i.e. that they have "some unusual" property of "radiation" predicted by the famous physicist Stephen Hawking²³ after whom it got its name.

*"Hawking radiation is produced by the constant conversion of fluctuations of the quantum vacuum into pairs of particles, one of which escapes from the black hole, while the other remains trapped within its event horizon. Event horizon²⁴ is the boundary that delimits the space around a black hole from which nothing, not even light, can escape once it enters it."*²⁵ But, as we said, the exception to this rule is Hawking radiation, which is the result of the "transformation" of virtual particles²⁶ which, thanks to the gravity of the black hole, become real. Those particles that are created are a pair of particle-antiparticles, and when one escapes the black hole's gravity, it takes away part of its energy, and also its mass. So - black holes still lose their mass (energy) over time, and this is explained by complex and hard-to-understand processes that arise due to quantum effects on the event horizon related to the concept of virtual particles.

A virtual particle (virtual - apparent, unreal) is a theoretical (hypothetical) "particle" that shows some of the characteristics of an ordinary particle, while its existence is limited by the Uncertainty Principle²⁷. Namely, according to the (Heisenberg) uncertainty principle, the existence of particles of arbitrarily large mass is allowed if they are extremely short-lived. The concept of virtual particles is elaborated in the very complex theories of quantum mechanics (perturbation theory of quantum field theory²⁵) so these complicated processes are represented by the so-called Feynman's diagram²⁸ - graphical representation of mathematical expressions that describe the behavior of subatomic particles.

In any case, despite the great efforts of scientists and the demanding "thought equilibristics" of theoretical physicists and in general - independent researchers in this field - the phenomenology of the "sub-quantum world", the processes of annihilation and creation of real and virtual entities - is quite complicated and based mainly on hypothetical phenomena and processes, and the structure of "matter" "inside the black hole remains beyond the possibility of interpretation by existing theories.

However, fortunately for us, the "Sub-photon" hierarchy of QEDM offers us much simpler and logically much more acceptable explanations of energy forms and energy flows whose "carriers" are k+9 and/or k+10 phenomena, for example, which - as significantly more subtle phenomena - are not subject to the laws of ANY of the interactions known to science (EM, gravitational, weak and strong)! In addition, several years ago, we showed that, based on the QEDM postulate, the black hole does not have to end up as a singularity at all²⁹ - which is still the "nightmare" of official science...

What's more, in Figure 4, "The Structure of Absolute Reality from the Aspect of the QED Model" ([1], [2]) it is quite clearly visible that the ultimate-initial "material" phenomenon of the "evolutionary-involutional" process (H.P.Blavatsky, [9]) - which is the highest form of "materiality" and at the same time the lowest level of consciousness - "maps" from the "macro-domain" into its "inverse form", into the spiritual aspect of Reality, as a "Stable object k+29" - described in the Upanishadic cosmogony as *"Absolute Reality" - Brahman, the highest God, in its unmanifested and undifferentiated unity, containing all possibilities before divine creation; absolute self-aware intelligence in spaceless and timeless potentiality. As a phenomenon outside of all spatio-temporal categories, present and existing "always and everywhere" is completely inaccessible to human cognition and understanding.*

According to the Christian cosmogony of Daskalos, the phenomenon of k+29 (QEDM, [1], [2]) is described as *"Absolute Being", the state of Self-Aware Absolute Superconsciousness, (Absolute Boundless Reality), the "Supreme Spiritual Absolute" of the highest level of consciousness that lies beyond the reach of the human mind and the possibility of understanding. The Highest Source, the unfathomable and ineffable depths of the Divine, beyond the possibility of expression ("... no one has ever seen God", Jovan 1st epistle, 4:12).*

Although both phenomena: k-11 from the domain of the material/scientific aspect of Reality and k+28 from the spiritual metaphysical segment - elude the possibilities of scientific as well as metaphysical interpretations that we can understand, The QED Model offers us real-virtual physical parameters (space/time/energy) for their description - which - although far beyond our currently achieved technical detection and measurement capabilities - still allow us to compare them with other phenomena of the Structure of Absolute Reality and in that way, at least to some extent, comprehensible and to a certain degree, even approximately, comprehensible - the

²³ Stephen William Hawking, https://en.wikipedia.org/wiki/Stephen_Hawking

²⁴ general name for a boundary in space-time, defined in relation to an observer, beyond which events cannot affect observer, https://en.wikipedia.org/wiki/Event_horizon

²⁵ Hawking radiation, https://en.wikipedia.org/wiki/Hawking_radiation

²⁶ Virtual particle, https://en.wikipedia.org/wiki/Virtual_particle

²⁷ Uncertainty principle, https://en.wikipedia.org/wiki/Uncertainty_principle

²⁸ Feynman diagram, https://en.wikipedia.org/wiki/Feynman_diagram

²⁹ Black hole - (does not have to be/become ?) a singularity, <http://users.beotel.net/~gmarjanovic/envip.html#bh>

explanation of those entities by using terms that are understandable to us in accordance with the achieved level of awareness of our civilization and corresponding knowledge.

As an illustration, we cite an interesting example. The average weight of a person is 75 kg. The last phenomenon of Reality whose rest mass is known to science is the (electron) neutrino. It is 0.07 eV or $1.25 \cdot 10^{-37}$ kg. If the human body were made of neutrinos ($k=+7$), their number would be: $75/1.25 \cdot 10^{-37} = 6 \cdot 10^{38}$. If we assume that the same body is made up of the same number of entities - but this time made up of "k+9" phenomena whose mass is $1.58 \cdot 10^{-47}$ and which are "lower" by 2 quantum levels (which means that their density is 10^6 times higher) the mass of such a "body" would be $6 \cdot 10^{38} \cdot 1.58 \cdot 10^{-47} \cdot 10^6 = 0.0094$ kg or 9.4 grams. In other words, an "astral body" ("analogous" to a human) from quantum level k+9 would have a weight of about 9.4 grams. It is really more than fascinating that the theoretical value we obtained based on the QEDM postulates is very close to the experimentally established value of the so-called MacDougall's Soul³⁰ of 21 gram !!!

Considering the huge range of values of the "number of entities" and their (real-virtual) "mass" - such a large agreement can hardly be accidental. This fact indicates a really great possibility and a high probability that Tesla's Ether Technologies and the technologies of the ancients applied in the construction and building of sacred objects and pyramidal facilities are based on the "sub-photon" phenomenology defined in this document.

When it comes to Tesla's famous "Magnifying Transmitter" from Colorado Springs, "Wardenclyff Tower", their purpose, working frequencies, design and geometry, as well as Cheops' pyramid - this is beyond doubt and has been shown in several of my works, e.g. "Tesla "Magnifying Transmitter" and the Pyramid of Cheops"³¹.

In any case - **the presented ideas** are certainly extremely inspiring and the observed analogies between the material and spiritual aspects of reality, expressed with complete symmetry and harmony, **offer us** a really beautiful, **very simple and logical Structure of Absolute Reality**, the possibility of a better understanding of individual entities and interacting mechanisms in the structure of the Absolute, which consists of an immense wealth of manifested and unmanifested phenomena, "Absolute Reality", that **"infinite ocean of various frequencies, vibrations, divine super-substance from which all things are made, from which everything is formed and lives..."**.

In Belgrade, March 26, 2023.

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³⁰ DR.MACDOUGALL, THE WEIGHT OF THE SOUL, <http://userhome.brooklyn.cuny.edu/anthro/jbeatty/Scotia/issue78/issue78a.html>

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