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Abstract

This is a brief summary of the Theory of Transcendent Reality (TTR), which describes the main postulates and mathematics used to describe and support the rationality of the Alef's model as unique and absolute being container of all the existences. This first issiue allow to describe the real physical composition of all the parallel universes contained in Alef's body. Universes that are logically and rationally constituted exclusively by Particles of Existence with a mass equal to that of a Proton and which generate an "apparent" existence since they are interpreted as existent only by the under-dimensional beings they generate in each single universe. Highlighting therefore that the Particles of Existence present in every universe are in fact 11 dimensional body slices of the Points of Alef, which, in turn, are the only real components of Alef's body: and, therefore, Particles of Existence that never really born nor died.

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Titolo originale

THE THEORY OF

THE TRANSCENDENT REALITY (TTR)

AT A GLANCE

THE TTR MODEL

All real entities (Elementary particles of matter, human beings, animal beings, vegetal beings, etc.), of our and of all imaginable universes, are nothing but apparent beings made of random and temporarily small under-dimensional parts (physical *Sections*) each belonging to the body of one of the infinite 11-dimensional realities, named ***Points of Alef***, that, in turn, are the only beings that give real substance to the ***Alef***'s body: the unique container of all the existences.

The Points of Alef randomly generate their under-dimensional *Sections* within the 10 types of universes ranging from 1d to 10d and floating inside the Alef's body.

To be precise, the Points of Alef have a fixed spatial place inside of 11-dimensional Alef's body. While, the 10 replicas of themselves, are simultaneously able to move around and through all the universes. In such a way they are the responsible of the apparent existence of a lot of under-dimensional *Sections* of all the Points of Alef that, in turn, give the apparent consistency to all the universes. Where, the adjective "apparent" means that the real and unique existence is only that of Alef and its 11-dimensional Points of Alef unique components.

When, for instance, we look at our 3d under-dimensional reality, we can imagine that all the minerals, the plants, the seas, the clouds, the mountains, the muscles of our body, etc., are casual aggregates of elementary particles of matter (quarks,

neutrons, etc.) made up of randomly sized under-dimensional pieces of the 11-dimensional bodies of Points of Alef moving in our world. That is, *Sections* made of the three components: S (Structure/Mass/Space/energy), V(Life), P(Thought) with dimensional entity smaller than those of the Points of Alef to whom they belong to, that is:

 S (Structure/mass/space/energy),

V (Life),

P (Thought),

C_4 *(unknown),...,C11(unknown).*

All these under-dimensional slices of the Points of Alef's bodies (that is, the elementary Particles of Existence coinciding with the "*Soul-Sections*" of living beings), during the movement of the Points of Alef through each universe, can also randomly contain a lower number of components which therefore, can casually apparently persist in a not compliant configuration order:

$$S \gtrless V \gtrless P \gtrless C_4 \gtrless, ..., \gtrless C11$$

with respect to SVP law valid for the native Points of Aleph's internal composition, that must always guarantee the following inequality:

S >V >P >C$_4$ >,...,>C11

A body's slices (or *Sections* or *Particles of Existence* or *Souls*) of "not conforming" type (that is, its internal components do not respect the standard inequality $S>V>P>C_4 >,...,>C11$), are always covered and protected by aggregates of Particle of Existence of a type compliant (ex. elementary particles of matter, ex: Protons) belonging to different separated Point of Alef crossing the same universe.

These Particles of Existence with conforming composition (i.e. some type of elementary particulates of matter as Protons, …) are always the most numerous in all under-dimensional universes and therefore constitute what we commonly consider the physical protection body of "living" beings. While, the not-conforming *Sections* are the least frequent in every universe and the most delicate (and therefore those always equipped with temporary protection bodies made of "conforming Sections").

For example, in our 3d universe, on a total of six types of possible Particles of Existence, those that generate beings with a protection body are only 5: Human beings, Vegetals beings, Animal beings, and the two beings which, according to RT theory, exist in our world, but that are at the moment rationally unknown: the E5 beings and the E6 beings.

Here is the summary of the main concepts and postulates of TTR theory:

The only non-empty space that contain all that can exist is the 11-dimensional space coinciding with what RT Theory considers the body of Alef being. All the possible and imaginable universes and worlds, even those outside the

dimensions of our three dimensional space that we know, in whatever number, complexity, form or reality may manifest, belong to the body of Alef being. Just as within a three-dimensional space, infinite spaces are possible in one or two dimensions, at the same, into Alef's body, they are possible infinite universes (including our) with a variable dimensions between a minimum of 1d to a maximum of 10d.

The body of Alef container consists of an infinite number of Points (Points of Alef) that make up and constitute its unique and real 11 dimensional body. Alef's body has an endless spatial extension coinciding with one of Cantor's greatest infinites. All Points of Alef are identical in their inner composition and in their dynamic and existential expression. The only feature that distinguishes Alef's Points is their specular dynamics (for example, clockwise or counterclockwise rotation, and other similar dynamics, but unimaginable because characteristics of worlds larger than 3d). "Female" Points of Alef have opposing and speculative dynamics with respect to of the "Male" types and have the unique prerogative of being able to be crossed by variable portions of other Points (n-dimensional *Sections*) as if they were multidimensional tunnels able to connect different spaces with different dimensions within the Alef's body.

The Law of Models Symmetry (LSM Law) said that since many of the 3d dynamics that take place in the three-dimensional microcosm (ex. atoms, etc), can also be observed on medium (ex. Solar systems) and higher scale (ex. Galaxy), even the existential characteristics of the Points of Alef can be similar, albeit on an enormously superior and unimaginable scale, to

those of any three-dimensional entity. This means, for example, since every material entity in our three-dimensional universe is endowed with a Structure S, a Life V, and a Thought P real components, so also the macro space, in which our universe is contained - that is Alef's body - must be equipped with 11 real components, of which the first 3 are typologically similar to our S,V,P (albeit extremely small) and the other 8 (called: C4, C5, C6, C7, C8, C9, C10, C11) which are unknown for us even if they are incrementally less present and more powerful than P.

Just as the S-structure (Space/Mass) component of our 3d universe supports all three-dimensional realities, likewise the S-structure component inside the 11-dimensional Points of Alef determines their true structure in the Alef's body. All the other added real components, V, P, C4, C5, C6, C7, C8, C9, C10, C11, provide to the Points of Alef the same but full and enormously superior prerogatives such as Life, Thought, C4,...,C11.

These Real Dimensions or Components (DCRs), from S to C11, are present in each Point of Alef in identical proportions but always ordered so that Structure S is always higher than V, V is always higher than P, P is always higher than C4, and so on, up to C11. The DCRs of the Points of Alef characterizes all the RT theory (SVP Law) and allows to formulate how have been formed all universes with size less than 11 (such as our 3d) and floating into the Alef's body and, therefore also how all the "apparent beings" within all the universes from 1d to 10d, are formed too.

The Alef Points are similar to the spatial points occupied by the elemental particles of our universe. They are infinite, they have

a spatial dimension and an infinitesimal reciprocal distance, and they fill completely the infinite space of the Alef's body. Each Point of Alef, unlike the Particles of Existence that represent all the "material" particles-point that fill every universe by having both a reduced dose of energy dependent on the number of spatial dimensions (equal to n: 1≤n≤10 correspondent to the considered universe dimensions) and as many as n-1 Real Added components, (Each Point of Alef, I was saying) have instead a full dose of energy dependent on an unmistakable quantity and existential diversity coming from their total 10 entire additional real components, V, P C4, …, C11, fully expressed in 11 dimensions. Points of Alef, as well as the neurons of our brain, are tied together by powerful L-links which, at a speed higher than that of light, acting through the 11 spatial dimensions and the other 10 additional prerogatives, providing to the Alef's body the maximum of potential and existential capacity as absolute possible for any form of imaginable existence.

The Points of Alef have a fixed position in the spatial spaces of the Alef's body. However, in parallel they are simultaneously able to move within the Alef's body through their infinite replicas of themselves. The replicas of each Point of Alef can simultaneously and randomly cross, in full or in part, the under-dimensional universe, of any size (from 1d to 10d), floating inside the Alef's body thus giving rise simultaneously to several random *Sections* (and therefore *Beings*) of a size equal to that of the crossed universe. So, if a Point of Alef (or one of its 10 replicas) crosses our three-dimensional space, it will, during its crossing, create a series of three-dimensional *Sections*,

which, from the first to the last, represent the real stages of "Life" of a new three-dimensional being. Each universe can give rise to a specific number of *Sections* and therefore of types of beings proportional to the universe dimension n. The beings correspond to the Crystallization of the Point's *Sections* (also called Elementary Particles of Existence (EPE) or simply Particle of Existence (PE), or EPE-Sections-Souls, or simply Souls) generate inside an under-dimensional universe a variable number of "matter-type" creatures composed of random little doses of the Points of Alef native components: SVPC4...C11. Better, the universes are only made by Particles of Existence with or without the crystallization body made of Particles of Existence of type "Matter" (said also *naked* Particles of Existence).

The Points of Alef are by definition the only real entities that can exist in any way and anywhere. Alef's body contains all the Alef Points and is the only *Being* above any under-dimensional being in any way and anywhere, providing and obtaining from them the maximum possible vitality. There is nothing there that can contain an existence, though infinitesimal, not belonging to Alef's body. Not even the empty set Ø is outside of Alef. Alef's body is unique, and outside of him there is nothing else. Alef is the only being able to exist only inside its body. All beings, and any existential under-dimensional reality which can be imagined, are only generated by the Points of Alef movements through the universes and can only exist outside them selves and always inside the Alef's body.

The *Sections* of a Point of Alef may or may not be congruent and compatible with its internal composition (SVP law: S>V>P>C4>

...>C11). In the event that a Particle of Existence, corresponding to that *Section*, was not compatible (i.e. its DCRs do not complied with the SVP Law: S>V>P> ...>C10) it must be protected by a process of "crystallization" made of others Particles of Existence of type compliant (compatible naked PE), already present in the considered under-dimensional universe. These Particles of Existence, cause of the crystallization processes, are a sort of bricks to build the being's bodies in all the cases like this. For instance, the under-dimensional beings of our 3d universe that undergo this kind of process are the human beings, the animals, the vegetals, the E5s and the E6s). Due to the characteristic of these bricks-Particles, they are also called: *naked* Particles of Existence (ex. Protons). The aggregations of these compliant *naked* Particles of Existence do generate the typical matter we se in most part of our universe.

If a new Point of Alef (of type "Son") is going to impact an under-dimensional universe, it starts to communicate, through the efficient 11-dimensional L-links connecting all the Points of Alef of every types, with the two points of the same type and already present within the same universe.

The communication is activated by the "Son" Point of Alef to require the predisposition of both the dimensional portal, which allows its to enter into the new universe, and the immediate activation of the protective crystallization process of its first Particles of Existence that will start at the first moment of its entrance in the new universe.

The two Points of Alef involved are chosen by the "Son" Point of Alef itself, accordingly to the conditions of entry (ex. near

Points) and crossing (ex. Genetic compatibility that guarantees the duration conditions required for the crossing path just started by the "Son" Points of Alef).

Of the two Points of Alef involved, the determining one is that of "Female" type, which is the only one capable of accommodating both the sort of *Dimensional Tunnel* through which it can enter the first *Section* of the requesting "Son" Point and which can start the first crystallization process around the single and unique "Son" Point of Alef Particle of Existence (Soul). The second Alef Point involved is that of the "Father" type which, through its under-dimensional being, provides instead the redundancy of real components (ex. P>V>S in the case of human beings) which, added to those of the Point of Alef of type "Female" (even of the same type P>V>S but with different doses of the single components), allow both the activation of the multidimensional tunnel for the entrance and the crystallization process (or under-dimensional materialization) of the Particle of Existence of type "Son" just entered.

The *Sections* (Particles of Existence or Souls), randomly generated in a under-dimensional universe by the passage of an Point of Alef, become a being of the types allowed by the given crossed spatial universe. This is done according to the probability with which the possible composition of each *Section* is randomly realized starting from the native one characterizing each Point of Alef (SVP law).

*Section*s in our space, for example, can only be of 6 different types: SVP, PVS, VPS, VSP, PSV, SPV. Where SVP is the *Section*,

though reduced to only three dimensions, most likely present within the Alef's body and so corresponding to the native composition of the Alef Points. It gives rise to the *naked* Particles of Existence which, as already said, contribute to the "crystallization" of all the under-dimensional beings with body protection. While, PVS corresponds to the *Sections* that originate the human beings. VPS corresponds to the *Sections* that originate the animal beings. The VSP corresponds to the *Sections* that originate the Vegetal beings. While PSV and SPV are instead the two *Sections* that give rise to two types of existing, but not really recognizable (for the moment) beings. The TTR theory proposes an hypothesis that assimilates these two beings respectively to the Spirits of the deceased (PSV) and, for example the matter Obscure or, better, a sort of beings corresponding to a big sum of *naked* particles of existence, like mountains, seas, minerals, etc. (SPV).

The *Sections* of type Matter (naked *Sections*) and those which are casually not compliant to the Points of Alef internal composition and that therefore need a protective body, all eternally move in solid with their personal Point of Alef of which they are infinitesimal integral corporal part. The "crystallization" (protective body) of the not compliant *Sections* is needed to protect them during their crossing in the under-dimensional universes that would behave as if they were a corrosive acid able to damage the *Section's* integrity as body part of the Points of Alef.

Just to give a simple similitude, if the Point of Alef generating a Sections is, for example, a finger of your hand and the under-dimensional universe the Point of Alef is going to cross is

instead a highly corrosive liquid acid, then, to protect the finger when you absorbed it in that liquid, you need a protective glove for your hand.

The "crystallization" in this case would correspond to the glove. The finger of the hand, which meets the liquid during movement, must be protected from the glove. If the liquid is only present on a plane, the finger crossing should be protected only in the outline of each *Section* finger that comes into contact with the liquid. The part (*Section*) of the finger already passed through the liquid would no longer contact with it, so it would no longer need to be protected. The "crystallization" glove, unlike the real rubber glove - that would always be worn all over the hand - would in this case be necessary only around every perimeter of the finger's *Sections* that are formed in the liquid acid plane crossed. Only the outline of the fingers of the hand can act as a piece of glove rubber that protects and that, in the real under-dimensional universe, corresponds to the crystallized body aimed to protect a Particle of Existence (or *Section*) of a being.

Therefore, all body's "Slices" (or *Sections* of Particles of Existence) of a Point of Alef will be of varying size during the Point of Alef movement within the under-dimensional universe "acids". And they can be assimilated to a sort of 11-dimensional slices of fingers (i.e. Sections or slices of Points of Alef or also Particle of Existence or souls) protected in some cases (if they are not compliant) by the gloves (being's body).

An n-dimensional being can be represented by a sort of a continuous succession of images or radiographs of each

"crystallized" *Section* (if necessary) of a Point of Alef. While the life of these beings could be seen as the film of all these radiographic frames (*Sections* plus their body, if any).

The beings of any under-dimensional size within the Alef's body do their "apparent" born and may have a more or less complete evolution giving rise to their "apparent" life and death, too.

In fact, they, as real part of the Pints of Alef, are never really born or dead. A Point of Alef could completely cross an universe, thus giving rise to a complete existence for the "apparent" being that it generated within it.

However, it could also change direction in different ways and more or less quickly. In these cases, the Particle of Existence so generated must perform (together with its own body protection, if any) a non-complete path and will have to "die" or cease to exist in a coordinated way as imposed by the Point of Alef random choices.

The way out from the universe, or the "death" of being, is therefore dependent on the dynamics of the Point that has generated it. Being has no free will: all his actions have a rational and logical sense only for his local and apparent dimension. The true "decider" of the under-dimensional being is the Point of Alef who communicates and affects, moment by moment, both his transported being and, indirectly, the beings of other Points of Alef, in order to make his crossing more secure and convenient for the Alef integrity.

SOME CORRESPONDENCES BETWEEN
TTR & MAIN AREAS OF THOUGHT

Many of the scientific properties and assertions of physics and of the main areas of thought concerning the sense of the existence, are recognizable and explainable by using the underlying logic of the TTR theory.

For example, Time, though mathematically used and considered as an added dimension, does not have an existential acceptable explanation. While, for the TTR theory, it simply represents the movement of parallel replicas of the Points of Alef. Whilst, the measurable expansion of our universe, which is now attributed to dark energy, for TTR theory is due to the pushing pressure that the movements and impacts of all Points of Alef perform on spatial under-dimensional universes. Instead, the Casimir effect, which tells us that in the vacuum it is randomly created energy, accordingly to TTR theory is due to the huge presence *Sections* of matter (*Naked* Particles of Existence) quickly entering and leaving the universe with higher probability than other *Sections* that continue their path into it. The Past and the Future, as we typically perceive them, for the TTR theory are nothing but the story and the status of the Points of Alef *Sections* before, during and after their crossing of the universes. As a scientific result from the TTR theory, we can also consider the following mathematical demonstrations that show the amazing physical correspondence between the mass of a the elementary particle of matter Proton and the mass

of a Particle of Existence!

This equivalence of the Proton with the Matter-type particle of existence without a protective body as it is compatible (S> V> P) with the internal structure of the Alef Point that generates it in our universe, can be a good clue of the fact that it is not possible to observe the decay of the Proton. According to the theory, in fact, the Proton, corresponding to the particle of existence of matter, cannot decay into other particles but only, and very rarely, leave the universe in the same manner as all the particles of existence (Souls) of all 6 types of beings "animated" by particles of existence.

This equivalence of the Proton with the matter-type particle of existence without a protective body to be compatible (S> V> P) with the internal structure of the Point of Alef that generates it in our universe, can be a good clue of the fact that it is not possible to observe the decay of the Proton. According to the theory, in fact, the proton, corresponding to the particle of existence of matter, cannot decay into other particles, but only, and very rarely, leave the universe as do all the particles of existence (souls) of all 6 types of beings "animated" by particles of existence.

Moreover, some assumptions made by transcendent religions, that believe and preach the existence of a superior being, must agreed with the TTR theory that proposes not only that superior existence but that also says that it is the most important and powerful in absolute. Religions claiming that we have been created in the image of God can not disagree with the RT theory for which all beings are part of the Points of Alef

which, in turn, are the main components of Alef's body: the container of all the existences. Since this is like saying, by symmetry, that the neurons in our brain are the image of ourselves: true!

Therefore Pre-election, Telepathy, etc., for TTR Theory are all manifestations caused by the random pieces of the under-dimensional *Sections* of the original 11-dimensional L-links between the Points of Alef, and so, among all their under-dimensional Particles of Existence.

Even, Paranormal ghosts can be explained by the presence of E5 beings. TTR theory imagine E5s might be the result of the metamorphosis of a Particle of Existence at a time to come out of a universe. Their function could be to act as tailors in charge of close the weft of the universe at the exact point where a Point of Alef is coming out. So then return to being what they have always been: a compatible particle (S>V>P>..) of the same body of that just exited Point of Alef.

Also E6 beings could be a kind of beings coming up from the aggregation of multiple particles of existence of type compliant, such as mountains, seas, minerals, rivers, etc. Although this, as the hypothesis of the above E5 beings, it is only a supposition that the TTR Theory does not consider too valid to do not having sufficient logical and rational correspondences within our universe.

Also religions who believe in reincarnation cannot disagree with the TTR theory which say that the Points of Alef could randomly enter a universe, give life to a being, go out from that

universe and many times randomly repeat the same process generating different forms of *Sections* of the same Point of Alef, so generating different beings with the same physical soul-components: (SVPC4,...,C11).

And so on for all other principles that can be recognized and described with the basic logic of the TTR theory.

We can conclude that TTR theory appear to be a valid existential model, based on a unique and humanly understandable rational and logic model acceptable by all areas of thought, in whatever form and in any way they face the great mystery of Existence.

MATHEMATICS OF TTR

Definitions, Postulates, Equations and some first results

Df. 1

$\ddot{X}$

It means: "the X property"

Ex. $\ddot{X}_i \equiv$ *to think,* $\ddot{X}_j \equiv$ *to flourish*

Df. 2

x ☑ $\ddot{X}$

It means: "x has the $\ddot{X}$ property"
*Ex. Humans☑to **think**, Tree☑ to **flourish***

Df. 3

x ⊡ $\ddot{X}$

It means: "x has at least the $\ddot{X}$ property"
Ex. A singer ⊡ the voice

Df. 4

x □ $\ddot{X}$

It means: "x *can have the* $\ddot{X}$ *property*"
Ex. A soprano singer □ soprano voice

Df. 5

x ☑ ($\overset{..}{X}_1$ > $\overset{..}{X}_2$ > ... $\overset{..}{X}_n$)

It means: "x *has the* $\overset{..}{X}_1$ *property greater than* $\overset{..}{X}_2$ *property*

…greater than $\overset{..}{X}_n$ *property*"

Ex. Bob ☑ **(** *heal the sick* **>** *play violin* **>** *make sport***)**

Df. 6
nd (n : 1,2,…,11)
It is a space with "*n dimensions*"
Ex. **1d** *is a one dimensional space,* **4d** *is a four dimensional space, etc.*

Df. 7
m, E
It is the quantity of Mass (m) and Energy (E)

Ax. 1
$\overset{\circ}{Э}^{nd}$

It is the "**nd** existential entity", also called: "*Particle of Existence*"
or "*Soul*" or "*Point of Alef's section/living radiograpy*"

The $\overset{\circ}{Э}^{nd}$ particles represents the only one real substance of all
universes **nd** *:* n:1,2,…,10; *(m,E) > 0.*

Each particle is generated into any universe (1d-10d) starting
from its personal 11d Point of Alef that perform a sort of nd
(n<11) section - or living radiography- of its body that
temporarly appears inside the crossed nd universe.

Indeed, this particle is a bodily part of its 11d personal Point of Alef that manifests itself in this subdimensional form, during its casual transits inside the initially empty universe, thus giving this particle a sort of task of filling and assigning to the universe the substance and consistency that we know and measure.

The internal components of each $\overset{O}{\ni}^{nd}$ are: S,V,P,C_4, ...,C_{10}

Which are exacly the same components of its personal Point of Alef's body who generated it, even beeing less in number (depending on the *nd*) and in power (depending on the *LPO law*) when temporarily present and showed inside the *nd* universes (n<11).

The particles $\overset{O}{\ni}^{nd}$ of type matter are the only ones conforming to the internal native composition of all the 11d Points of Alef (SVP law):

$$\overset{O}{\ni}^{nd}_{Matter} \boxtimes (\ddot{S} > \ddot{V} > \ddot{P} > \ddot{C}_4 > ... > \ddot{C}_{11})$$

Inside each nd universe (n<11) there is always only one $\overset{O}{\ni}^{nd}$ of type *Matter* (correspondind to the elementary particle of matter).

All the other $\overset{O}{\ni}^{nd}$ particle randomically generated inside each universe can have a mix and specific inequality of the same allowed components:

$$\ddot{S} \lessgtr \ddot{V} \lessgtr \ddot{P} \lessgtr \ddot{C}_4 \lessgtr ... \lessgtr \ddot{C}_n \quad n:1,...,10$$

As shown in the following picture, each *Particle of Existence(PE)* $\overset{O}{\ni}^{nd} \equiv PE^m$, apart the unique case of the $\overset{..}{P}_3$ property corresponding to the "imagination", by mean of its 3 forces $\overset{..}{S}_j^3 \ \overset{..}{V}_j^3 \ \overset{..}{P}_j^3$ J=1,2,3 acts with all the other $\overset{O}{\ni}^{nd} \equiv PE^n$ (m≠n) within its own Ray of Consciousness (Rc). The resulting force of these multiple interactions is R1 which, in turn, determine the existence of the $\overset{O}{\ni}^{nd} \equiv PE^n$ long its "curve of life" inside our universe.
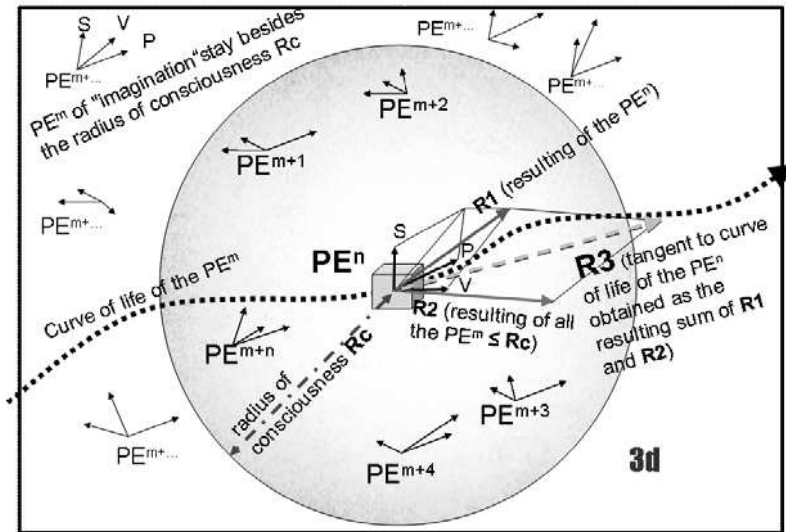

Fig. 1

Df. 8

$\overset{\cdot\cdot}{S}$

It is the 1st of the 10th possible real internal components of a

$\overset{\circ}{\Ǝ}{}^{nd}$, acting as $\overset{\cdot\cdot}{S_1^n}$, $\overset{\cdot\cdot}{S_2^n}$,…, $\overset{\cdot\cdot}{S_i^n}$ $n : 1,2,…,10$ $i{:}1,2,...,n$

$\overset{\circ}{\Ǝ}{}^{nd}$ ☑ $\overset{\cdot\cdot}{S}$ $n : 1,2,…,10$

$\overset{\cdot\cdot}{S}$ ☑ $\overset{\cdot\cdot}{S_i^n}$ $n : 1,2,…,10$ $i{:}1,2,...,n$

$\overset{\cdot\cdot}{S_i^n}$ ☑ $(nd, m, E > 0)$ $n : 1,2,…,10$ $i{:}1,2,...,n$

Where, $\overset{\cdot\cdot}{S}_i$ in *3d* (i=1,2,3) corresponds to:

$\overset{\cdot\cdot}{S}_1$ the "***Matter***" property of a "*Being*" (*)

        Ex: "a *Being*" ☑ $\overset{\cdot\cdot}{S}_1$ or "a *Being*" ☑ ***"to be matter"***

$\overset{\cdot\cdot}{S}_2$ the "***Ability***" property of a "*Being*"

        Ex: "a *Being*" ☑ $\overset{\cdot\cdot}{S}_2$ or "a *Being*" ☑ ***"ability"***

$\overset{\cdot\cdot}{S}_3$ the "***Soul***" property of a "*Being*"

        Ex: "a *Being*" ☑ $\overset{\cdot\cdot}{S}_3$ or "a *Being*" ☑ ***"to be a soul"***

(*) For "Being" entity definition see : **Df. 12**.

Df. 9

$\overset{\cdot\cdot}{V}$

It is the 2nd of the 10th possible real internal components of a

$\overset{\circ}{\Ǝ}{}^{nd}$, acting as $\overset{\cdot\cdot}{V_1^n}$, $\overset{\cdot\cdot}{V_2^n}$,…, $\overset{\cdot\cdot}{V_i^n}$ $n : 2,3,…,10$ $i{:}1,2,...,n$

$\overset{\circ}{\ni}{}^{nd}$ ☑ $\overset{..}{V}$ $n:2,3,\ldots,10$

$\overset{..}{V}$ ☑ $\overset{..}{V}{}_{i}^{n}$ $n:2,3,\ldots,10$ $i:1,2,\ldots,n$

$\overset{..}{V}{}_{i}^{n}$ ☑ $(nd,\ m,E>0)$ $n:2,3,\ldots,10$ $i:1,2,\ldots,n$

Where: $\overset{..}{V}_{i}$ in **3d** (i=1,2,**3**) correspond to:

$\overset{..}{V}_{1}$ is the **"*Movement*"** property of a "*Being*"

         Ex: "a *Being*" ☑ $\overset{..}{V}_{1}$ or "a *Being*" ☑ **"*to move*"**

$\overset{..}{V}_{2}$ is the **"*Action*"** property of a "Being"

         Ex: "a *Being*" ☑ $\overset{..}{V}_{2}$ or "a *Being*" ☑ **"*to act*"**

$\overset{..}{V}_{3}$ is the **"*Evolution*"** property of a "*Being*"

         Ex: "a *Being*" ☑ $\overset{..}{V}_{3}$ or "a Being" ☑ **"*to evolve*"**

Df. 10

$\overset{..}{P}$

It is the 3d of the 10th possible real internal components of a

$\overset{\circ}{\ni}{}^{nd}$, acting as $\overset{..}{P}{}_{1}^{n}$, $\overset{..}{P}{}_{2}^{n}$,…, $\overset{..}{P}{}_{i}^{n}$ $n:3,4,\ldots,10$ $i:1,2,\ldots,n$

$\overset{\circ}{\ni}{}^{nd}$ ☑ $\overset{..}{P}$ $n:1,2,\ldots,10$

$\overset{..}{P}$ ☑ $\overset{..}{P}{}_{i}^{n}$ $n:3,4,\ldots,10$ $i:1,2,\ldots,n$

$\overset{..}{P}{}_{i}^{n}$ ☑ $(nd,\ m,E>0)$ $n:3,4,\ldots,10$ $i:1,2,\ldots,n$

Where: $\overset{\cdot\cdot}{P}_i$ in **3d** (i=1,2,3) correspond to:

$\overset{\cdot\cdot}{P}_1$ is the **"Consciousness"** property of a "*Being*"

Ex: "a *Being*" ☑ $\overset{\cdot\cdot}{P}_1$ or "a *Being*" ☑ **"to be aware of itself"**

$\overset{\cdot\cdot}{P}_2$ is the **"Elaboration"** property of a "Being"

Ex: "a *Being*" ☑ $\overset{\cdot\cdot}{P}_2$ or "a *Being*" ☑ **"to decide a strategy"**

$\overset{\cdot\cdot}{P}_3$ is the **"Immagination"** property of a "*Being*"

Ex: "a *Being*" ☑ $\overset{\cdot\cdot}{P}_3$ or "a Being" ☑ **"to thinks in abstract"**

Df. 11

$\overset{\cdot\cdot}{C}_i^n$

They are the 4th to 10th possible real internal components of a $\overset{\circ}{\ni}{}^{nd}$, acting as $\overset{\cdot\cdot}{C}_i^n$ $n : 4,5,\ldots,10$, $i:1,2,...,n$

$\overset{\circ}{\ni}{}^{nd}$ ☑ $\overset{\cdot\cdot}{C}$ $n : 4,5,\ldots,n$

$\overset{\cdot\cdot}{C}$ ☑ $\overset{\cdot\cdot}{C}_i^n$ $n : 4,5,\ldots,10$ $i:1,2,...,n$

$\overset{\cdot\cdot}{C}_i^n$ ☑ $(nd, m, E > 0)$ $n : 4,5,\ldots,10$ $i:1,2,...,n$

Where: $\overset{\cdot\cdot}{C}_i^n$ in $n : 4,5,\ldots,10$, $i:1,2,...,n$ are unknown entities, but incrementally more powerful than $\overset{\cdot\cdot}{S}$, $\overset{\cdot\cdot}{V}$ and $\overset{\cdot\cdot}{P}$, and such that $\overset{\cdot\cdot}{C}_i^{n+1}$ is more powerful than $\overset{\cdot\cdot}{C}_i^n$ with $n : 4,5,\ldots,10$ $i:1,2,...,n$

Ax. 4

They are the L-Link between all the single Point of Alef in 11d able to sh

Ax. 3

$L^{11d} \rightleftarrows$ are the L-Link between all the single Point of Alef in 11d

$\overset{\circ\rightleftarrows}{\wp^{11d}}$ (see **Df. 14**) able to share all their complete 11d prerogatives.

$$\overset{\circ\rightleftarrows}{\wp_k^{11d}} \quad \overset{L^{11d}}{\rightleftarrows} \quad \left\{ \overset{\circ\rightleftarrows}{\wp_z^{11d}} \right\} \quad \forall\, z \neq k$$

$L^{nd} \rightleftarrows$ are the *nd* sections of the $L^{11d} \rightleftarrows$ that can rarely appear in some partial form inside *nd* universes due to not coplanar sections of the linked particle $\overset{\circ}{\Im}^{nd}$ generated by their corresponding Point of Alef $\overset{\circ\rightleftarrows}{\wp^{11d}}$

$$\overset{\circ}{\Im}^{nd} \quad \overset{L^{nd}}{\rightleftarrows} \quad \overset{\circ}{\Im}_j^{nd} \quad i \neq j$$

Df. 12

$$\overset{\circ}{\beta}^{nd}$$

It is a being of an *nd* universe, created and dependent on a *single* and *unique* **nd** existential entity $\overset{\circ}{\exists}{}^{nd}$ n: 1,2,...,10.

If the being $\overset{\circ}{\beta}{}^{nd}$ ☑ $\overset{\circ}{\exists}{}^{nd}_{Matter}$ it do not have any protection body and it correpond to the $\overset{\circ}{\exists}{}^{nd}_{Matter}$ itself . In this case the being is also called "naked" particle of existence. For instance the Proton particle of mater is a naked being.

If the being $\overset{\circ}{\beta}{}^{nd}$ ☑ $\overset{\circ}{\exists}{}^{nd}_{Matter}$ it do not have any protection body and it just correspond to the particle itself . In this case the being is also called "naked" particle of existence. For instance, the Proton elementary particle of mater is just a naked being.

All the other, besides its single specific $\overset{\circ}{\exists}{}^{nd}$ particle of existence, have a protection nd body made of a lot of $\overset{\circ}{\exists}{}^{nd}_{Matter}$

All the other Particles $\overset{\circ}{\beta}{}^{nd}$ have a specific *nd* body made of a lot of $\overset{\circ}{\exists}{}^{nd}_{Matter}$ particles, which have the only scope to protect their single specific particle of existence $\overset{\circ}{\exists}{}^{nd}_{x-type}$ that characterize the being itself.

For instance, in our 3d universe the type of particle of existence are only 6:

$\overset{\circ}{\exists}{}^{nd}_{Matter}$, $\overset{\circ}{\exists}{}^{nd}_{Human}$, $\overset{\circ}{\exists}{}^{nd}_{Animal}$, $\overset{\circ}{\exists}{}^{nd}_{Vegetal}$, $\overset{\circ}{\exists}{}^{nd}_{E5}$, $\overset{\circ}{\exists}{}^{nd}_{E6}$ where $\overset{\circ}{\exists}{}^{nd}_{Matter}$ is the

most widespread and probable in the whole universe. And

$\overset{\circ}{\beth}{}^{nd}_{E5}$, $\overset{\circ}{\beth}{}^{nd}_{E6}$ they are unknown but equally existing.

$$\overset{\circ}{\beta}{}^{nd} \ \boxtimes \ (\overset{\circ}{\beth}{}^{nd} \ \square \underset{\longleftarrow}{\overset{L^{nd}}{\longrightarrow}} \ \overset{\circ}{\beth}{}^{nd}_{j} \quad \forall \ i, j:\ i{\neq}j \ )$$

Df. 13

$\overset{\circ\rightarrow}{\beta}{}^{nd}$

It means: *nd* Being with spin right: *Male*

$\overset{\circ\leftarrow}{\beta}{}^{nd}$

It means: *nd* Being with spin right: *Female*

Df. 14

$\overset{\circ\rightleftarrows}{\wp}{}^{11d}$

It means: a Point of Alef :

$$\overset{\circ\rightleftarrows}{\wp}{}^{11d}_{k} \ \boxtimes \ \overset{\circ\rightleftarrows}{\beta}{}^{11d}_{k} \ \boxtimes \ \left\{ \bigcup_{i} \overset{\circ\rightleftarrows}{\beth}{}^{nd}_{k} \right\} \ \text{n=1,2,...,10} \ \ \text{k,i:1,2,...,}\infty$$

Df. 15

$\overset{\circ\rightleftarrows}{\aleph}$

This means: Alef.

Alef is a unique 11d Being container made of all the possible 11d Points of Alef components.

$$\aleph^{\overset{o}{\rightleftarrows}} \ \boxtimes \ \beta^{\overset{o\rightleftarrows}{11d}} \ \boxtimes \ {}^{50\%\rightarrow}_{50\%\leftarrow}\left\{\bigcup\wp^{\overset{o\rightleftarrows}{11d}}_{k}\right\} \ k:1,2,...,\infty$$

Df. 16

LPO (Orthogonal Projection Law) says that:

If x is an *md* entity of space *m*, then its **Orthogonal Projection** $\overline{x}$ on n space (with n<m) is equal to

$$\overline{x} = x * 10^{n-m}$$

Es: if m=3, n=2 $\Rightarrow x*10^{-1}$; if m=11, n=3 $\Rightarrow x*10^{-8}$

Df. 17

The Esistore $\exists^{jn}_{ikw}$ into the space *3d* is the operator of 4th with 81 elements, representing the three forces :

$$F(S)\equiv\uparrow\overset{..}{S}_{i} \ , \ F(V)\equiv\uparrow\overset{..}{V}_{i} \ , \ F(P)\equiv\uparrow\overset{..}{P}_{i} \ (i=1,2,3)$$

of the three basic components $\overset{..}{S},\overset{..}{V},\overset{..}{P}$ of a Particle of Existence $\overset{o}{\ni}^{3d}$ acting on the three face of an infinitesimal cube (Plank size) corresponfing to the Particle of Existence $\overset{o}{\ni}^{3d}$ itself: We can say that: $\exists^{jn}_{ikw} \equiv \overset{o}{\ni}^{3d}$

$$\exists \, \substack{jn \\ ikw}$$
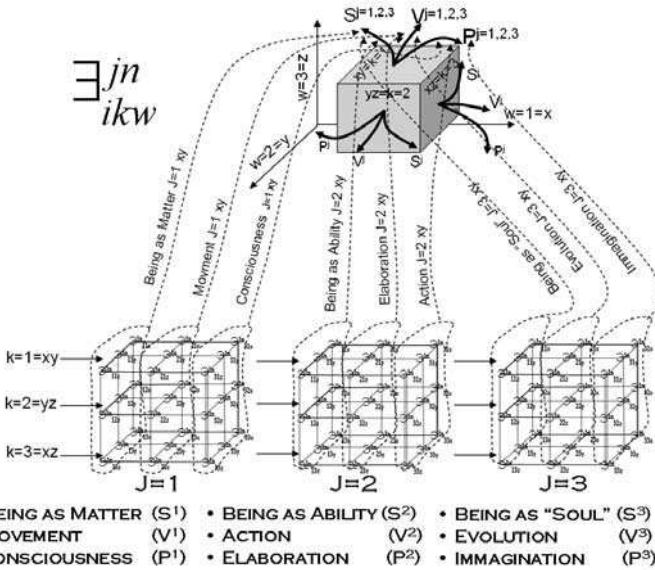
Fig. 2

Where, for *n*=3 (3d space):

- **n,** is the index that identifies the $\overset{\circ}{\ni}{}^{3d}$

- **J=1,2,3,** they identify the three groups of components that form a sub-Esistore of 3d order (included into the primary Esistore of 4th order) which act on the Cartesian planes, xy=1,yz=2,xz=3, of the $\overset{\circ}{\ni}{}^{3d}$ infinitesimal cube.

- **i=1,2,3:** it indicates the components type: 1= $\overset{..}{S}$, 2= $\overset{..}{V}$, 3= $\overset{..}{P}$

- **k=1,2,3:** it indicates the plane on which the forces act: k= 1 for xy, k= 2 for yz, k= 3 for xz

- **w=1,2,3**, it indicate the Cartesian coordinates: x,y,z of the forces in action. 1=x, 2=y, 3=z

THE FINAL EQUATION OF THE EXISTENCE

Definitions, Postulates, Equations and some first results

Since each $\overset{O}{\ni}{}^{3d}$ has its life line coinciding with that of its personal and unique conveyor $\overset{O\rightleftarrows}{\wp}{}^{11d}$
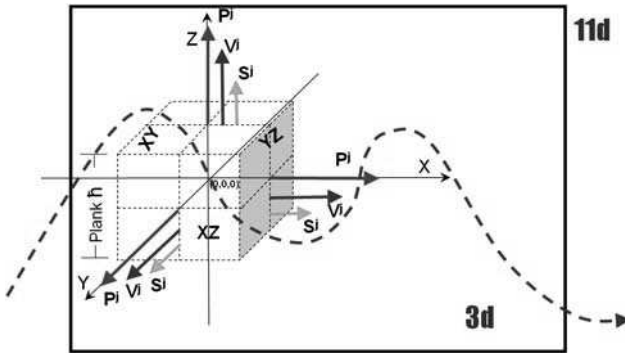

Fig. 3

to find the final equation of the existence (1) we must calculate the resultant of the two forces corresponding respectively to the resultant of the three forces *F(S)*, *F(V)*, *F(P)* of the $\overset{O}{\ni}{}^{3d}$ considered, and the resultant of all the resultants of all the $\uparrow\overset{\cdot\cdot}{S}_i, \uparrow\overset{\cdot\cdot}{V}_{i\,}, \uparrow\overset{\cdot\cdot}{P}_i$ forces of all the others $\overset{O}{\ni}{}^{3d}_m$ present and agents in and out of the $\overset{O}{\ni}{}^{3d}_n$ consciousness radius (Rc). Where the radius Rc of consciousness of a $\overset{O}{\ni}{}^{3d}_n$ is the set of all the $\overset{O}{\ni}{}^{3d}_m$

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(n ≠ m) able to directly interact through both *virtual and material contributions* with the $\overset{\circ}{\ni}{}^{3d}$ (see Fig. 1)

Now we can start to assign the corresponding equations to the above described model, the in order to procede in finding the *Final Equation of the Existence* we are looking for.

The forces acting on the infinitesimal nd cube corresponding to the Partile of Existence $\overset{\circ}{\ni}{}^{3d}$ represented by the the Esistore $\ni^{jn}_{ikw}$, can be obtaned starting from the Relativistic Einstein equation:

$$E = mc^2 = \gamma m_0 c^2 = \frac{1}{\sqrt{1 - \dfrac{v^2}{c^2}}} m_0 c^2 = \sqrt{(mv)^2 c^2 + m_0^2 c^4}$$

If $v = 0 \Rightarrow \gamma = 1, \ m = m_0$

$$\frac{\sqsupset^{jn}_{ikw}}{s^2} = \frac{m^{jn}_{0 \ ikw}}{s^2}$$

If $v \neq 0 \Rightarrow m \neq m_0$

$$\frac{\sqsupset^{jn}_{ikw}}{s^2} = \frac{\gamma m^{jn}_{0 \ ikw}}{s^2}$$

You can also write as:

$$E = mc^2 = m\left(\frac{s}{t}\right)^2 = m\frac{s^2}{t^2}$$

$$\frac{E}{s^2} = \frac{m}{t^2}$$

The Structure Forces: $\uparrow \ddot{S}_i$

Now, if we want to calculate the energy of the $\overset{o}{\beth}{}_n^{3d}$ as a function of time t, we must rewrite it with the Esistore's components:

$$\frac{\beth_{1kw}^{1n}}{s^2} = \frac{S_{1kw}^{1n}}{s^2} = \frac{m_{1kw}^{1n}}{t^2} = \frac{\gamma m_{0\ 1kw}^{1n}}{t^2}$$ which corresponds precisely to

Energy that the $\overset{o}{\beth}{}^n$, when it is considered as a Being of Matter

($\ddot{S}_1$), exerts on the unit of surface area ($sxs = s^2$) of the cube in the unit of time t.

This energy come from the $\ddot{S}$ properties of structure

represented by the three $\uparrow \ddot{S}_i$ forces (i= 1,2,3) acting on the xy,

yz and xz cube's faces together with the other forces $\uparrow \ddot{V}_i$, $\uparrow \ddot{P}_i$

- **Being of "Matter"** $(\uparrow \ddot{S}_1) \rightarrow$ **(S)**

- **Being of "Ability"** $(\uparrow \ddot{S}_2) \rightarrow$ **(V+P)**

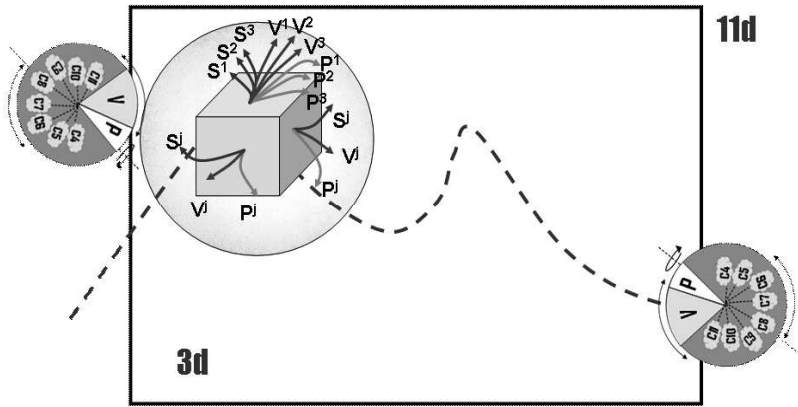- **Being of "Soul"** $(\uparrow \ddot{S}_3) \rightarrow$ **(S+V+P)**

Fig. 4

Df. 17

External Sum Operator $\oplus$

$$\left(\frac{d_E m_{n,m}}{dt}\right)_{x,y,z} = m^n \otimes m^m =$$

$$= \left\{\sum_{n,m} \ddot{S}_n + \ddot{S}_m, \sum_{n,m} \ddot{V}_n + \ddot{V}_m, \sum_{n,m} \ddot{P}_m + \ddot{P}_m\right\} n \neq m$$

Where d_E is the symbol for the external sum $m^n \otimes m^m$ which indicate the change in time of the $\ddot{S}, \ddot{V}, \ddot{P}$ of the $\overset{\circ}{\ni}{}_n^{3d}$ thanks to the contributions both material or virtual inside coming from outside the $\overset{\circ}{\ni}{}_n^{3d}$ itself within its own Ray of Consciousness (Rc).

Being of Matter ($\uparrow \overset{..}{S}_1$)

$$\uparrow \overset{..}{S}_1 = \left(\frac{m_{1kw}^{1n}}{t^2} \right)_{x,y,z}$$

This is the basic properties of the $\overset{O}{\ni}{}_n^{3d}$, which is manifested through its spatial dimension in terms of mass/energy. We can say that $(\overset{..}{S}_1)$ corresponds to the structure of $\overset{O}{\ni}{}_n^{3d}$ as its "be itself".

Being of Ability ($\uparrow \overset{..}{S}_2$)

$$\uparrow \overset{..}{S}_2 = \frac{d}{dt}\left(\frac{m^n}{t^2} \right)_{x,y,z} + \left(\frac{d_E m^{n,m}}{dt} \right)_{x,y,z} \quad n \neq m, d(n,m) \leq Rc$$

Where d_E is the derivation symbol that expresses the variation in time of the $\overset{..}{S}$ component of the $\overset{O}{\ni}{}_n^{3d}$, which depend by the materials contributions as well as the virtual ones of others separate $\overset{O}{\ni}{}_n^{3d}$.

$\uparrow \overset{..}{S}_2$ force of structure of the $\overset{O}{\ni}{}_n^{3d}$ is shown as his "Ability" depends on the sum of two other components: $\overset{..}{V} + \overset{..}{P}$. It would be like saying that a person "is" its specific capacity to be, for instance, a doctor, or a carpenter, or an artist, or a housewife, etc. $\uparrow \overset{..}{S}_1$ shows the specific character of the $\overset{O}{\ni}{}_n^{3d}$ corresponds to

his being not only as a spatial structure $\ddot{S}_1$, but also as a specific skill identified by the outside world.

Being "Soul" ($\uparrow\ddot{S}_3$)

$$\uparrow\ddot{S}_3 = \frac{m_n}{t^2} + \frac{d}{dt}\left(\frac{m_n}{t^2}\right)_{x,y,z} + \left(\frac{d_E m_{n,m}}{dt}\right)_{x,y,z} \quad n \neq m, d(n,m) \leq Rc$$

$\uparrow\ddot{S}_3$ is the force due to the sum of the three components $(\ddot{S}, \ddot{V}, \ddot{P})$ of the $\overset{\circ}{\mathfrak{I}}_n^{3d}$ that manifests itself as characteristic of '"Soul" of a Being, namely: its sensitivity, its overall spiritual and characterial imprinting visible at the outside world, regardless of how $(\ddot{S}, \ddot{V}, \ddot{P})$ can act through the $\ddot{S}_1$ and $\ddot{S}_2$.

Quantum of Structure (Q_s)

Q_s is the unit of measure of the force: $\mathfrak{I}_{1kw}^{1n} = \left(\frac{m_{1kw}}{t^2}\right)^{1n}_{x,y,z}$

If $\Xi = v = 0,450182 * c$ is the average speed of all the particle of existence in our 3d-universe, and

$$m = \gamma m_0 = \frac{1}{\sqrt{1 - \frac{v^2}{c^2}}} m_0$$

Is the relativistic mass, then:

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$$Qs = \gamma m_0 = \frac{1.67262171 * 10^{-24}}{\sqrt{1 - \dfrac{(0,450182 * c)^2}{c^2}}} = \frac{1.67262171 * 10^{-24}}{\sqrt{1 - (0,450182)^2}} =$$

$$Qs = \gamma m_0 = \frac{1.67262171 * 10^{-24}}{\sqrt{1 - 0,202663833}} = 1.87316915 * 10^{-24} \; grams$$

We can also say that Qs :

- at the speed: Ξ / second * second (s^2) corresponds to the relativistic mass of one **Proton** ($1.67262171 * 10^{-24}$ grams):

$$Qs_\Xi = \frac{1.87316915 * 10^{-24}}{1^2} = \frac{gram}{t^2}$$

- While, for $v=0$, corresponds to the relativistic mass of the proton at rest:

$$Qs_0 = \frac{1.67262171 * 10^{-24}}{1^2} = \frac{gram}{t^2}$$

The Life Forces: $\uparrow \ddot{V}_i$

The $\uparrow \ddot{V}_i$ (i=1,2,3) do express the Life $\ddot{V}$ forces through corresponding to the following prerogatives of the $\overset{O}{\ni}{}_n^{3d}$:

- **Being as "Movement"** $(\uparrow \ddot{V}_1) \rightarrow$ **(V)**
- **Being as "Action"** $(\uparrow \ddot{V}_2) \rightarrow$ **(S+V)**
- **Being as "Changing"** $(\uparrow \ddot{V}_3) \rightarrow$ **(S+V+P)**

Being as "Movement" $(\uparrow \ddot{V}_1)$

$$\ni_{2kw}^{1n} = \mathbf{V}_{2kw}^{1n} = \frac{d}{dt}\left(\frac{m_{1kw}^{1n}}{t^2} \right)_{x,y,z}$$

This is the prerogative which allows the $\overset{O}{\ni}{}_n^{3d}$ to move and change its spatial position.

Being as "Action" $(\uparrow \ddot{V}_2)$

$$\ni_{2kw}^{2n} = \mathbf{V}_{2kw}^{2n} = \left(\frac{m_{1kw}^{1n}}{t^2} \right)_{x,y,z} + \frac{d}{dt}\left(\frac{m_{1kw}^{1n}}{t^2} \right)_{x,y,z} \quad n \neq m, d(n,m) \leq Rc$$

This is the prerogative which allows the $\overset{\circ}{\ni}{}^{3d}_{n}$ to act proactively through the action of the sum $\overset{..}{S}$ and $\overset{..}{V}$.

Being as "Evolution" ($\uparrow \overset{..}{V}_{3}$)

$$\frac{d}{dt}\left(\left(\frac{m^{n}}{t^{2}}\right)_{x,y,z}\right) + \frac{d}{dt}\left(\frac{m^{n}}{t^{2}}\right)_{x,y,z} + \left(\frac{d_{E}m^{n,m}}{dt}\right)_{x,y,z}\right) n \neq m, d(n,m) \leq Rc$$

This property gives the $\overset{\circ}{\ni}{}^{3d}_{n}$ the power to mature, change and evolve of its "Soul" ($\overset{..}{S} + \overset{..}{V} + \overset{..}{P}$) with time. It could also be assimilated to the succession of sections that are formed over time during the transit of the $\overset{\circ\rightleftarrows}{\wp}{}^{11d}$ which they belong.

Quantum of Life (Q_{l})

The unit of measure of the force:

$$\ni^{1n}_{2kw} = V^{1n}_{2kw} = \frac{d}{dt}\left(\frac{m^{1n}_{1kw}}{t^{2}}\right)_{x,y,z} \quad \text{is the } Q_{l},$$

Where: $\quad m = \gamma m_{0} = \dfrac{1}{\sqrt{1-\dfrac{v^{2}}{c^{2}}}} m_{0}$

$$Q_l = \gamma m_0 - m = \frac{1.67262171 * 10^{-24}}{\sqrt{1 - \frac{(0,450182 * c)^2}{c^2}}} - 1.67262171 * 10^{-24} =$$

$$= \frac{1.67262171 * 10^{-24}}{\sqrt{1 - (0,450182)^2}} - 1.67262171 * 10^{-24} =$$

$$= \frac{1.67262171 * 10^{-24}}{\sqrt{1 - 0,202663833}} - 1.67262171 * 10^{-24} =$$

$$= 1.87316915 * 10^{-24} - 1.67262171 * 10^{-24} = 2.0054744 * 10^{-25} \; grams$$

$$Q_l = \frac{2.0054744 * 10^{-25}}{1^2} = \frac{grams}{t^2}$$

corresponding to the relativistic variation of the mass of **1 Proton** $\sim 1,7*10^{-24}$ grams due to its increasing of speed from **0** to

Ξ, during **1 second * second** (s^2).

The Life Forces: $\uparrow \overset{..}{P}_i$

The P^j express the thought's P properties through P^j forces (j=1,2,3) corresponding to the following prerogatives of the

$\overset{\circ}{\Im}{}^{3d}_{n}$

- **Consciousness** ($\uparrow \overset{..}{P}_1$)   **(S)**

- **Elaboration**   ($\uparrow \overset{..}{P}_2$)   **(S+P)**

- **Imagination** $(\uparrow \overset{..}{P_3})$ **(S+V+P)**

Consciousness $(\uparrow \overset{..}{P_1})$

$$\left(\frac{d_E m^{n,m}}{dt} \right)_{x,y,z} \quad n \neq m, d(n,m) \leq Rc$$

If the result of this change is not equal to 0 it corresponds to the consciousness of the $\overset{O}{\overset{}{\ni}}{}^{3d}_n$ in relation to the world around her.

Elaboration $(\uparrow \overset{..}{P_2})$

$$\left(\frac{d_E^2 m^{n,m}}{dt^2} \right)_{x,y,z} \quad m^m \neq 0, \forall d(n,m)$$

This is the prerogative which allows the $\overset{O}{\overset{}{\ni}}{}^{3d}_n$ to modify and increase their awareness of the outside world, so obtaining information for his vision and understanding of details.

Imagination $(\uparrow \overset{..}{P_3})$

$$\left(\frac{d_E m^{n,m}}{dt} \right)_{x,y,z} \quad (n \neq m), d(n,m)$$

$$\left(\frac{d_E m^{n,m}}{dt} \right)_{x,y,z} \quad n \neq m,, \forall d(n,m)$$

This is the prerogative which allows the $\overset{O}{\overset{}{\ni}}{}^{3d}_n$ to run External sums $n^n \oplus m^m$ on itself, even beyond the radius of conscience

Rc, so obtaining also information for their vision and imaginary understanding.

Now, to calculate the resultant R of all the forces interacting with the $\Im_n^{\overset{O}{3d}}$, we consider for semplcity only the orthogonal components of the three forces $\uparrow \overset{\cdot\cdot}{S_i}, \uparrow \overset{\cdot\cdot}{V_i}, \uparrow \overset{\cdot\cdot}{P_i}$ acting on the faces of the $\Im_n^{\overset{O}{3d}}$ Cube as shown in the fig 3, and represented into the below (Simplified) Esistore's schema:
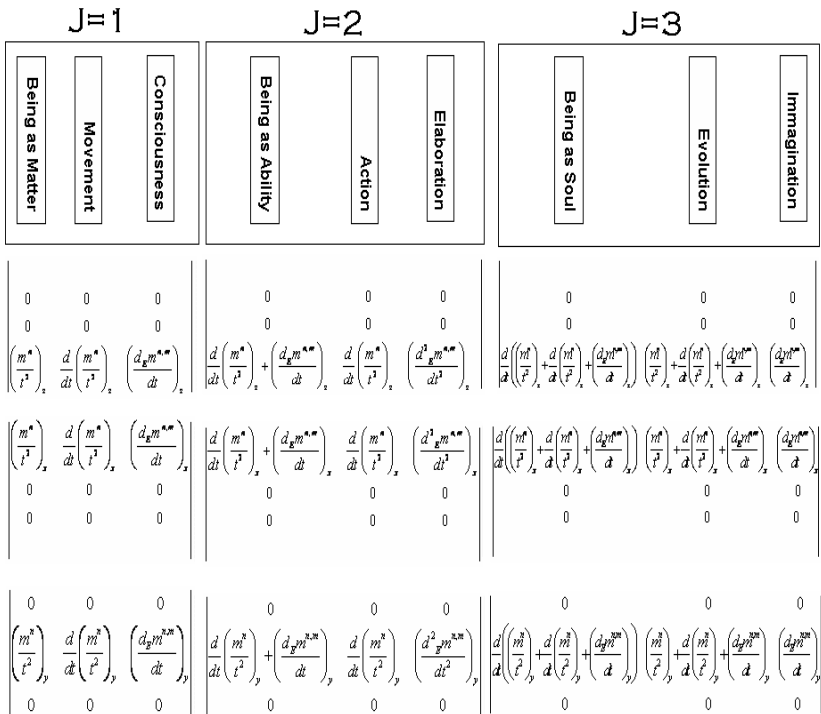

Fig. 5

From which we derive the components of the following vector:

$$\vec{R3} = \vec{R}_x * \varepsilon^1 + \vec{R}_y * \varepsilon^2 + \vec{R}_z * \varepsilon^3$$

$$\overbrace{(S^1_{YZ,X} + S^1_{XZ,Y} + S^1_{XY,Z})}^{\vec{S^1}} + \overbrace{(V^1_{YZ,X} + V^1_{XZ,Y} + V^1_{XY,Z})}^{\vec{V^1}} + \overbrace{(P^1_{YZ,X} + P^1_{XZ,Y} + P^1_{XY,Z})}^{\vec{P^1}}$$

$$\overbrace{(S^2_{YZ,X} + S^2_{XZ,Y} + S^2_{XY,Z})}^{\vec{S^2}} + \overbrace{(V^2_{YZ,X} + V^2_{XZ,Y} + V^2_{XY,Z})}^{\vec{V^2}} + \overbrace{(P^2_{YZ,X} + P^2_{XZ,Y} + P^2_{XY,Z})}^{\vec{P^2}}$$

$$\overbrace{(S^3_{YZ,X} + S^3_{XZ,Y} + S^3_{XY,Z})}^{\vec{S^3}} + \overbrace{(V^3_{YZ,X} + V^3_{XZ,Y} + V^3_{XY,Z})}^{\vec{V^3}} + \overbrace{(P^3_{YZ,X} + P^3_{XZ,Y} + P^3_{XY,Z})}^{\vec{P^3}}$$

And then we get the final vector:

$$\vec{R3} = \left(\overbrace{\frac{d^2m(t)^i}{dt^2}\left(3+\frac{1}{t^2}\right) + \frac{dm(t)^i}{dt}\left(3+\frac{5}{t^2}+\frac{4}{t^3}\right) + 2m(t)^i\left(\frac{1}{t^2}+\frac{5}{t^3}+\frac{3}{t^4}\right)}^{m(t)^i} + \overbrace{3\left(\frac{d^2m(t)^j}{dt^2}\right) + 3\left(\frac{dm(t)^j}{dt}\right)}^{m(t)^j} \right) * \vec{\varepsilon^1} +$$

$$+ \left(\overbrace{\frac{d^2m(t)^i}{dt^2}\left(3+\frac{1}{t^2}\right) + \frac{dm(t)^i}{dt}\left(3+\frac{5}{t^2}+\frac{4}{t^3}\right) + 2m(t)^i\left(\frac{1}{t^2}+\frac{5}{t^3}+\frac{3}{t^4}\right)}^{m(t)^i} + \overbrace{3\left(\frac{d^2m(t)^j}{dt^2}\right) + 3\left(\frac{dm(t)^j}{dt}\right)}^{m(t)^j} \right) * \vec{\varepsilon^2} +$$

$$+ \left(\overbrace{\frac{d^2m(t)^i}{dt^2}\left(3+\frac{1}{t^2}\right) + \frac{dm(t)^i}{dt}\left(3+\frac{5}{t^2}+\frac{4}{t^3}\right) + 2m(t)^i\left(\frac{1}{t^2}+\frac{5}{t^3}+\frac{3}{t^4}\right)}^{m(t)^i} + \overbrace{3\left(\frac{d^2m(t)^j}{dt^2}\right) + 3\left(\frac{dm(t)^j}{dt}\right)}^{m(t)^j} \right) * \vec{\varepsilon^3}$$

When the three Cartesian components are null: $\vec{R}_x = \vec{R}_y = \vec{R}_z = 0$, then the $\overset{O}{\mathrm{Э}}{}^{3d}_i \equiv m(t)^i$, which interacts with the $\overset{O}{\mathrm{Э}}{}^{3d}_j \equiv m(t)^j$ within the Rc of the $\overset{O}{\mathrm{Э}}{}^{3d}_i$, **exits from our**

universe thus causing being $\overset{O}{\beta_i^{3d}}$ ☑ $\overset{O}{\ni_i^{3d}}$ to die for the observers of the 3d universe!

This occurs at time T_e, precisely coinciding with one of the solutions of the final equation (1) $\vec{R}_x = \vec{R}_y = \vec{R}_z = 0$:

$$m(t)^i == m_o(t)^i = 0$$
$$m(t)^j == m_o(t)^j = 0$$

$$\overbrace{\frac{d^2 m(t)^i}{dt^2}\left(3+\frac{1}{t^2}\right) + \frac{dm(t)^i}{dt}\left(3+\frac{5}{t^2}+\frac{4}{t^3}\right) + 2m(t)^i\left(\frac{1}{t^2}+\frac{5}{t^3}+\frac{3}{t^4}\right)}^{m(t)^i} + \overbrace{3\left(\frac{d^2 m(t)^j}{dt^2}\right) + 3\left(\frac{dm(t)^j}{dt}\right)}^{m(t)^j} = 0$$

$$(1)$$

$$t_e = 0$$

3d | 11d

Fig. 6

"MASS" SOLUTION FOR FINAL EQUATION (1)

One of the solutions of this equation corresponds to the time T_e in which the $\overset{O\rightleftarrows}{\wp^{11d}}$ ☑ $\overset{O}{\beta_i^{3d}}$ ☑ $\overset{O}{\ni_i^{3d}}$ definitively leaves from our universe, taking with it the i-th $\overset{O}{\ni_i^{3d}}$ $\left(m(t)^i\right)$. Therefore, the

output from our 3d space of $\overset{\circ}{\ni}{}_i^{3d}$ coincides with the time T_e when the components $\vec{R_x} = \vec{R_y} = \vec{R_z}$ of the tangent to the lifeline of the $\overset{\circ}{\ni}{}_i^{3d}$, which depend on the three $\uparrow \overset{..}{S}_i$, $\uparrow \overset{..}{V}_i$, $\uparrow \overset{.}{P}_i$ forces described by its *Esistore*, become null.

Now, substituting the following real data into (1):

- **t=80** years, corresponding to the average life of one of the six possible types of $\overset{\circ}{\ni}{}_i^{3d}$ (especially the one corresponding to the soul of a Human Being)
- **x$_{i,j}$=1cm**, for the distance between the two core particles: $m(t)^i$ & $m(t)^j$
- **c=300000**, for the speed of light in 3d space.
- **v$_i$= 121*10^9 Km/s** which is the speed of the Master $m(t)^i$ as soon as it exits from 3d space to continue moving in 11d, as postulated by TTR theory.
- **vj=25000**, the average speed (less than *c*) of the $\overset{\circ}{\ni}{}_j^{3d} \equiv m(t)^j$ in the 3d space.
- $m(t)^i = m(t)^j = m(t)$ for the two unknowns masses, master and slave.

We demonstrate that: **the mass of a $\overset{\circ}{\ni}{}_i^{3d}$ is equivalent to that of a Proton.**

First of all we replace the relativistic masses in the equation (1):

$$m = \gamma m_0 = \frac{1}{\sqrt{1 - \dfrac{v^2}{c^2}}} m_0$$

$$\frac{dm(t)^i}{dt} = m_0 \left(\frac{1}{\sqrt{1 - \dfrac{\left(\dfrac{s}{t}\right)^2}{c^2}}} - 1 \right) \qquad \frac{d^2 m(t)^i}{dt^2} = \left(\frac{m_0 s^2}{c^2 t^2 \left(1 - \dfrac{s^2}{c^2 t^2}\right)^{\frac{3}{2}}} \right)$$

Substituting in the **(1)**, we obtain:

$$\frac{m_0(t)^i}{\left(1 - \dfrac{v_i^2}{c^2}\right)^{\frac{1}{2}}} = \left(\frac{3cx_i^2}{1 - \dfrac{v_i^2}{c^2}} + \frac{cv_i^2}{1 - \dfrac{v_i^2}{c^2}} - 6 - \frac{10\left(1 - \dfrac{v_i^2}{c^2}\right)^{\frac{1}{2}} + 2}{t^2} + \frac{8\left(1 - \dfrac{v_i^2}{c^2}\right)^{\frac{1}{2}} - 10}{t^3} - \frac{6}{t^4} \right) +$$

$$+ 3m_0(t)^j \left(1 + \frac{cx_j^2}{\left(1 - \dfrac{v_j^2}{c^2}\right)\left(1 - \dfrac{v_j^2}{c^2}\right)^{\frac{1}{2}}} - \frac{1}{\left(1 - \dfrac{v_j^2}{c^2}\right)^{\frac{1}{2}}} \right)$$

(2)

Now, using the parameters we assume above to solve this equation:

$$\frac{m}{\left(5.76715*10^{15},1.73205i\right)}*\left(-8.92106*10^{12},8.9802*10^{19}-0.00267926i\right)+$$

$$+3m+\frac{3m*300000}{\left(1-4,03326*10^{28}\right)\left(5.76715*10^{15},1.73205i\right)}-\frac{3m}{\left(5.76715*10^{15},1.73295i\right)}=0$$

$$-5,20188*10^{-16}+\left(3-5.87612*10^{-38}i\right)*m,\left(3-1.56228+10^{-26}i\right)*m+1.73205i=0$$

$$-5,20188*10^{-16}+\left(3i\right)m,\left(3.-1.56228*10^{-26}i\right)m+1.73205i=0$$

$$-5,20188*10^{-16}+\left(3i\right)m\approx1.73205$$

$$m=\left(\frac{1.73205}{3i}+5,20188*10^{-16}\right)*\left(\frac{1}{365*24*60*60}\right) \Leftarrow \text{(this to transform years in seconds)}$$

$$m=\left(1.64951*10^{-23}-1.83076*10^{-8}i\right)$$

And we finally obtain the $\overset{\overset{\circ}{}}{\Im}{}_{i}^{3d}$ mass:

$$m(t)^{i}=mass\left(\overset{\overset{\circ}{}}{\Im}{}_{i}^{3d}\right)=\left(\mathbf{1.64951*10^{-23}-1.83076*10^{-8}i}\right) \ grams$$

This result falls in the complex plane and becomes real and extraordinarily comparable with the mass of the **Proton** $\cong\mathbf{1.7*10^{-24}}$ grams, when the real part Re=$\mathbf{1.64951*10^{-23}}$ decreases by a factor of 0.1 and the imaginary part tends to zero by inserting in (1) all the real parameters (Mass, Speed, Distance, etc) for total number of $m(t)^{J}$ Slaves $\overset{\overset{\circ}{}}{\Im}{}_{j}^{3d}$ interacting with the $m(t)^{i}$ Master $\overset{\overset{\circ}{}}{\Im}{}_{i}^{3d}$ considered.

Placing:

$$\mathrm{Re}\left(m(t)^{i}\right) = \mathrm{Re}\left(mass\left(\mathbf{\Game}_{i}^{\overset{\circ}{3d}}\right)\right) = \mathbf{1.64951*10^{-23}}$$

$$\mathrm{Im}\left(m(t)^{i}\right) = \mathrm{Im}\left(mass\left(\mathbf{\Game}_{i}^{\overset{\circ}{3d}}\right)\right) = \mathbf{-1.83076*10^{-8}\,i}$$

And since for every new solution of the $m(t)^{i}$ Master mass found by using the data of a new $m(t)^{j}$ Slave $(\forall\, i \neq j)$ in the (1) final equation, we have:

$$\sum_{k=i}^{\infty} \frac{\mathrm{Re}\left(m(t)^{k}\right)}{k} < \mathrm{Re}\left(m(t)^{i}\right)$$

$$\sum_{k=i}^{\infty} \frac{\mathrm{Im}\left(m(t)^{k}\right)}{k} < \mathrm{Im}\left(m(t)^{i}\right)$$

$(k \in \mathbb{N},\ i \neq k)$

We can say that:

$$\mathrm{Re}\left(m(t)^{i}\right) = \mathrm{Re}\left(m(t)^{i}\right) * \frac{\varepsilon_{1k}}{\varepsilon_{2k}}$$

$$\mathrm{Im}\left(m(t)^{i}\right) = \mathrm{Im}\left(m(t)^{i}\right) * \frac{\varepsilon_{1k}}{\varepsilon_{3k}}$$

where:

$k \in \mathbb{N},\ i < k < \infty,\ \varepsilon_{1k,2k,3k} \in \mathbb{R},$

$1{,}0140 < \varepsilon_{1k} < 0{,}9959 \quad 1 \leq \varepsilon_{2k} \leq 10,\ 1 \leq \varepsilon_{3k} \leq \infty$

$$\underset{k \to \infty}{Lim} \frac{\varepsilon_1^k}{\varepsilon_2^k} = \frac{1}{10} \quad (k \in \mathbb{N}, \ i \neq k)$$

And, in conclusion we can assume that:

$$\underset{k \to \infty}{Lim} \operatorname{Re}\left(1.64951 * 10^{-23}\right) * \frac{\varepsilon_{1k}}{\varepsilon_{2k}} = \left(1.64951 * 10^{-23}\right) * \frac{0,9959}{10} = \left(1.67262171 * 10^{-24}\right)$$

$$\underset{k \to \infty}{Lim} \operatorname{Im}\left(-1.83076 * 10^{-8}\,\mathbf{i}\right) * \frac{\varepsilon_{1k}}{\varepsilon_{3k}} = \left(-1.83076 * 10^{-8}\,\mathbf{i}\right) * \frac{0,9959}{\infty} = 0$$

where: $k \in \mathbb{N}$, $i < k < \infty$, $\varepsilon_{1k,2k,3k} \in \mathbb{R}$,

$1,0140 < \varepsilon_{1k} < 0,9959 \quad 1 \le \varepsilon_{2k} \le 10, \ 1 \le \varepsilon_{3k} \le \infty$

and finally we can say that :

$$m(t)^i = mass\left(\overset{\circ}{\ni}{}_i^{3d} \right) = \left(1.67262171 * 10^{-24}\right) \ grams$$

"TIME" SOLUTION FOR FINAL EQUATION (1)

Startig from the **(2)** above obtained from the **(1)**

$$+\ 3m_0(t)^j \left(\frac{3m_0(t)^j cx_j^2}{\left(1-\dfrac{v_j^2}{c^2}\right)\left(1-\dfrac{v_j^2}{c^2}\right)^{\frac{1}{2}}} - \frac{3m_0(t)^j}{\left(1-\dfrac{v_j^2}{c^2}\right)^{\frac{1}{2}}} \right) = C$$

we obtain:

$$B\left(D - \frac{10A^{\frac{1}{2}}+2}{t^2} + \frac{8A^{\frac{1}{2}}-10}{t^3} - \frac{6}{t^4} \right) + C = 0$$

Now, according to the postulates of TTR theory, we know that at the time T_e (equation corresponding to the final desired solution) the $\overset{\mathrm{O}}{\mathfrak{Z}}{}_{i}^{3d}$ will exits from our space and will start to move at the speed of its $\overset{\mathrm{O}\rightleftarrows}{\wp}{}^{11d}$ conveyor in 11d space:

$$\underset{t \to t_0}{Lim}\, v_j = 121 * 10^{19} = 4,03 * 10^{15}\, c$$

$$A_j = 1 - \frac{v_i^2}{c^2} = \left(1 - 16.2409 * 10^{30}\right)$$

$$\sqrt{A_j} = F_j = \sqrt{\left(1 - 16.2409 * 10^{30}\right)} = 4.03 * 10^{15}\, i$$

$$\frac{m}{\sqrt{1 - \dfrac{v_i^2}{c^2}}} = \frac{m}{\sqrt{A_j}} = \frac{m}{F_j} = \frac{m}{4.03 * 10^{15}\, i}$$

Replacing:

$$BDt^4 - 2Bt^2 + 10Bt - 6B + Ct^4 - 10FBt^2 + 8BFt = 0$$
$$t^4(BD + C) - 2Bt^2(1 + 5F) + 2Bt(5 + 4F) - 6B = 0$$

and placing:

$$a = (B * D + C)$$
$$b = -2B(1 - 5F)$$
$$c = 2B(4F + 5)$$
$$d = -6B$$

we get:

$$at^4 + bt^2 + ct + d = 0$$

And considering only 2 of the 4 solutions,
that is: t1 e t3, we have:

```
t₁ = - t₃ = -1/2*sqrt((sqrt((-
72*a*b*d+27*a*c^2+2*b^3)^2-4*(12*a*d+b^2)^3)-
72*a*b*d+27*a*c^2+2*b^3)^(1/3)/(3*2^(1/3)*a)+
(2^(1/3)*(12*a*d+b^2))/(3*a*(sqrt((-
72*a*b*d+27*a*c^2+2*b^3)^2-4*(12*a*d+b^2)^3)-
72*a*b*d+27*a*c^2+2*b^3)^(1/3))-(2*b)/(3*a))-
1/2*sqrt(-(sqrt((-72*a*b*d+27*a*c^2+2*b^3)^2-
4*(12*a*d+b^2)^3)-
72*a*b*d+27*a*c^2+2*b^3)^(1/3)/(3*2^(1/3)*a)-
(2^(1/3)*(12*a*d+b^2))/(3*a*(sqrt((-
72*a*b*d+27*a*c^2+2*b^3)^24*(12*a*d+b^2)^3)-
72*a*b*d+27*a*c^2+2*b^3)^(1/3))+(2*c)/(a*sqrt((
sqrt((-
72*a*b*d+27*a*c^2+2*b^3)^24*(12*a*d+b^2)^3)-
72*a*b*d+27*a*c^2+2*b^3)^(1/3)/(3*2^(1/3)*a)+(2
^(1/3)*(12*a*d+b^2))/(3*a*(sqrt((-
72*a*b*d+27*a*c^2+2*b^3)^2-4*(12*a*d+b^2)^3)-
72*a*b*d+27*a*c^2+2*b^3)^(1/3))-(2*b)/(3*a)))-
(4*b)/(3*a))
```

$$\left(1-\frac{v_i}{c^2}\right)=A_i=1-16.2409*10^{30} \quad v_i=speed \ of \ light \ in \ 11d$$

$$\left(1-\frac{v_j}{c^2}\right)=A_j=\left(\frac{1-\left(250000\right)^2}{c^2}\right)=0.305 \ in \ 3d$$

$$F_i=\sqrt{\left(A_i\right)}=4.03*10^{15} i$$

$$F_j=\sqrt{\left(A_j\right)}=0.552268$$

$$m_0(t)^i = \text{Master} \, \overset{d}{\underset{i}{3d}} \text{ mass at time } t_{x_i} = 1.67262171*10^{-24} \text{grams}$$

$$m_0(t)^j = \text{Slave} \, \overset{d}{\underset{j}{3d}} \text{ mass at time } t_{x_j} = 1.67262171*10^{-24} \text{grams}$$

$$x_i = x_j = 1cm$$

$$\frac{m_0(t)^i}{\sqrt{A}} = \frac{m_0(t)^i}{F_i} = B = \frac{1.67262171*10^{-24}}{4.03*10^{15}i} = 4.15042608*10^{-40}*i$$

$$D = \frac{3*300000*1_i^2}{1-16.2409*10^{30}} + 300000*\frac{(4.03*10^{15}*300000)_i^2}{1-16.2409*10^{30}} - 6 =$$

$$= -1.2099779999999999999999999997000060000000000000000000002 * 10^{34}$$

$$C = 3*1.67262171*10^{-24} + \frac{3*1.67262171*10^{-24}*300000*1}{0.305*0.552268} - \frac{3*1.67262171*10^{-24}}{0.552268} =$$

$$= 9.0832551572601541636888813900877537835930690338392372341914 *10^{-18}$$

Then the data to be used are the following:

A=0.305
B=-08.32855*10^29i
C=9.0832551572601541636888813900877537835930690338392372341914*10^-18
D=-1.2099779999999999999999999997000060000000000000000000002*10^34
F=0.552268

Putting:

(B*D+C)=**a**   -2*B*(1-5F)=**b**   (2*B)*(4F+5)=**c**   -6*B=**d**

a=(9.08326*10^-18 +(1.00774*10^64)*i)

b=(-(2.933881651400000000000000000000*10^30)*i)

c=((6.00410*10^30)*i)

---

d=(4.99713*10^30*)i

z=72*a*b*d=(9.58821*10^45 +(1.06376*10^127)*i)

v=+27*a*c^2+2*b^3=(-8.84100*10^45 –(9.80862*10^126)*i)

s=12*a*d+b^2=(-6.04297*10^95 +(5.44683*10^14)*i)

z+v=(7.47210*10^44+(8.28980*10^125)*i)

Substituding in the solution t1/-t2 of (1):

t_3 = 2.83196 × 10^44 -2.17304 × 10^44 i

The max life time of $\left(\Im_i^{\overset{\circ}{3d}} \right)$ is:

$$t_3 = 2.83196 \times 10^{44} - 2.17304 \times 10^{44} i \quad sec$$

$$t_3 = 8.98009 \times 10^{36} - 6.89066 \times 10^{36} i \quad years$$

Which represent the maximum time spent by the particle $\Im_i^{\overset{\circ}{nd}}$ in our universe, a value extraordinarily compatible with the Proton deacay.

MATERIAL AND VIRTUAL CONTRIBUTIONS

The many symmetry examples of which our 3d-universe is scattered as the bread crumbs of the "hop o'my thumb" novel (in italian: Pollicino), give us the irrefutable proof of Alef (God, if you believe) $\aleph^{\circ\rightleftarrows}$, and the consequent proof of the PEs (Souls) $\Im_i^{nd\,\circ}$, made of the real components $\ddot{S}\ \ddot{V}\ \ddot{P}\ \ddot{C}_k$ (k = 4,...,11) and belonging to the 11-dimensional Points of Alef which are the main native real components $\wp^{11d\,\circ\rightleftarrows}$ of Alef $\aleph^{\circ\rightleftarrows}$ himself, which, in turn, is the unique container of all the existences.

The Alef paradigm shown by TTR theory, can indeed be shown starting by the first law of the symmetry model (LSM) according to which many physical models incrementally do act from atomic level up to gravitational galactic ones, that is: electrons around the atomic nucleus, planets around the galaxies, galaxies around the center of the galaxy, etc. These symmetries, together with the sort of Matryoshka nesting doll of the life we can observe in our universe, give us the grant to affirm that also outside this universe, alog with all the others universes up to the main container of all these, are there other even more bigger doll of "life".

And, since the "life" inside the universes with more dimensions must for shure have different prerogatives, than also the concept of "bigger life" must be declined considering the potential incremental differences between the prerogatives of

our "life" components. Well, these components, in our universe, are actually only three:

$$\ddot{S} \ \ddot{V} \ \ddot{P}$$

These are those properties we can observe as unique and characteristics of any individual existence inside our universe: We "are", we "live", we "think". Applying to this simple postulate the symmetry towards Alef unique body container, we can assume that they must be universes with more dimensions, each ones having a new prerogative $\ddot{C}_k$ to be added to the three of our tridimensional one. Since recent theory of physics hypnotize that reality should be made of 11 dimensions (of which only three of our universe are unrolled) then, the maximum dimension of the series of universes inside Alef must be 11. Therefore the $\ddot{C}_k$ added prerogatives must be eight: $\ddot{C}_k (k = 4,...,11)$. Obviously we can assume they exist but we cannot say nothing on their specific properties but the symmetrical progression of the specific powerful and relative presence inferred by observing the relation between each of our known prerogatives: $\ddot{S}_i \ddot{V}_i \ddot{P}_i$. So, this introduce also a new law in the TTR theory. The SVP law, which affirm that $\ddot{S} \ \ddot{V} \ \ddot{P} \ \ddot{C}_k \ (k = 4,...,11)$ are incrementally present in the Matryoshka of the universes ranging from 1d up to 11d, always respecting the rule: *Increase of power* with *decrease of presence*, that is :

$$\overset{..}{S} > \overset{..}{V} > \overset{..}{P} > \overset{..}{C}_1 > ... > \overset{..}{C}_{11}$$

where:

$\overset{..}{S}$ has more power and less presence than $\overset{\circ}{\underset{NOT}{\exists}}$

$\overset{..}{V}$ has more power and less presence than $\overset{..}{S}$

$\overset{..}{P}$ has more power and less presence than $\overset{..}{V}$

$\overset{..}{C}_{k+1}$ has more power and less presence than $\overset{..}{C}_k$

This symmetry shows also that the $\overset{\circ}{\underset{NOT}{\exists}}$ has more presence that

the $\overset{\circ}{\exists}$. That is, the Existence is minor compared to Non-existence!

Indeed, we can say that Alef $\overset{\circ\rightleftarrows}{\aleph}$ and its natives unique "beings" components, Points of Alef $\overset{\circ\rightleftarrows}{\wp^{11d}}$, are made of $\overset{..}{S}\ \overset{..}{V}\ \overset{..}{P}\ \overset{..}{C}_k$ (k = 4,...,11) always compliant to the above SVP law. Therefore, the Points of Alef $\overset{\circ\rightleftarrows}{\wp^{11d}}$:

- are all connected through the L-Links $\overset{L^{nd}}{\rightleftarrows}$

- have all the identical presence of their internal

components $\overset{..}{S}\ \overset{..}{V}\ \overset{..}{P}\ \overset{..}{C}_k$ (k = 4,...,11) which are

compliant with the *SVP law*: $\overset{..}{S} > \overset{..}{V} > \overset{..}{P} > \overset{..}{C}_1 >...> \overset{..}{C}_{11}$

- have all a distinct and unchangeable spatial position inside the Alef's body, although, in parallel, they can cross all the universes floating inside Alef's body through their 10 "entangled" replicas of themself: one replica for each type of n-dimensional universe.

- Are the cause of the "apparent birth", the "apparent life" and "apparent death" of the PEs (souls) $\wp^{11d}$ inside every universe (1d-10d) randomly crossed by the 10 replicas of each of them.
Soul is a physical and tangible PE , with the mass like a Proton located in some part of any body of any being of the 6 types allowed in our universe. The same is valid for all the beings of the others 10 types of parallel universes (1d-10d) floating inside the unique Alef's body.

- The PEs (soul) are the "effect" of the crossing replicas of the Points of Alef inside each universe (1d-10d).
This means that when a replica enter an universe with n dimension (for instance our 3d one), its main components $\overset{..}{S}\ \overset{..}{V}\ \overset{..}{P}\ \overset{..}{C}_k$ (k = 4,...,11) complying with SVP law, can accidentally hit the universe so that, the under-dimensional *sections* of themselves they generate inside the universe, will have a smaller number of components (equal to the size of the impacted universe) as well as less power than that of each of them (according to LPO law), besides a random new order (may be not compliant with the SVP law) of them inside

the section itself. Accordingly to this random dynamic of the universe's crossing, the Paticles of Existence can assume a number of configuration patterns depending on the permutation of the dimensional number of the crossed universe.

For instance, our 3d universe can allows only the 3! possibile different patterns:

$$\left(\ddot{S} > \dot{V} > \ddot{P}\right)\left(\ddot{S} > \ddot{P} > \dot{V}\right)\left(\dot{V} > \ddot{S} > \ddot{P}\right)\left(\dot{V} > \ddot{P} > \ddot{S}\right)\left(\ddot{P} > \ddot{S} > \dot{V}\right)\left(\ddot{P} > \dot{V} > \ddot{S}\right)$$

each of them corresponding to a different "being apparently existing" inside the 3d crossed universe.

Where a "Being" of each type of universe, must be assumed to be the sum of PEs compliant with the SVP law, that is, with a compliant pattern: $\ddot{S}\ \ddot{V}\ddot{P}\ \ddot{C}_k$ ($k = 4,...,11$) aggregated only to protect one of the other 5 type of PEs having a not compliant pattern. Obviously the the PEs of type compliant are the most widespread in each universe and, to be compliant they do not need a body protection. We can also say that these PE are "naked". Indeed, they are precisely the constituent bricks of the protection bodies of the other 5 families of PEs:

$$\left(\ddot{S} > \dot{V} > \ddot{P}\right)$$ Nacked PEs: Particles of Matter (like Protons)

$$\left(\ddot{P} > \dot{V} > \ddot{S}\right)$$ Humans Beings

$$\left(\overset{..}{V} > \overset{..}{S} > \overset{..}{P} \right) \text{Vegetals Beings}$$

$$\left(\overset{..}{P} > \overset{..}{S} > \overset{..}{V} \right) \text{ E5s Beings (unknown)}$$

$$\left(\overset{..}{S} > \overset{..}{P} > \overset{..}{V} \right) \text{ E6s Beings (unknown)}$$

Each PE $\overset{\circ\rightleftarrows}{\wp^{11d}}$ can be *subject* or *object* of actions producing material and/or virtual contributions events to/from others PEs. These contribution events can be generated by PEs of any type towards PEs of any types acting around them. A single PE can be considered as Master PE with respect to the others PEs of type Slave acting both inside and/or outside its Ray of Consciousness (Rc).

Material Contributions events (or **Crystallization process**) can be realized when the physical proximity, which is: d (x, y) ≤ Rc, of some Master and Slave PEs activate the external sum

$$\left(\frac{d_E m^{n,m}}{dt} \right)_{x,y,z} \qquad n \neq m, d(n,m) \leq Rc \qquad \text{of} \qquad \text{their} \qquad \text{respective}$$

components $\overset{..}{S}\ \overset{..}{V}\ \overset{..}{P}\ \overset{..}{C}_k$ (k = 4,...,11).

The Material Contributions occur with physical contact of the forces F(S), F(V), F(P) F(C₄),..., F(C₁₁) arising from two or more PEs. These processes are the main cause of the presence of different types of physical bodies of the beings that can be hosted in each type of universe.

So, in order to catalogate the different typologies of beings of each universe, and in order to understand which are, or not, the responsible forces of the Material Contribution, we assume that the three components $\left(\ddot{S} > \ddot{V} > \ddot{P} \right)$ of each PE, regardless if they are compliant or not, can only assume the three discrete values: 3, 2, 1.

This mean that if a PE is, for instance, the unique 3d compliant naked one:

$$\left(\ddot{S} > \ddot{V} > \ddot{P} \right)$$

Then the values of its components will be assumed to be:

$$\left(\ddot{S} = 3, \ \ddot{V} = 2, \ \ddot{P} = 1 \right)$$

While, if the PE is the 3d-human:

$$\left(\ddot{P} > \ddot{V} > \ddot{S} \right)$$

Then its value are :

$$\left(\ddot{P} = 3, \ \ddot{V} = 2, \ \ddot{S} = 1 \right)$$

Etc.

$$\left(\ddot{S} > \dot{V} > \ddot{P} \right) \oplus \left(\ddot{S} > \dot{V} > \ddot{P} \right)$$

$$\left(\ddot{S} > \dot{V} > \ddot{P} \right) \oplus \left(\ddot{S} > \ddot{P} > \dot{V} \right)$$

$$\left(\ddot{S} > \dot{V} > \ddot{P} \right) \oplus \left(\dot{V} > \ddot{S} > \ddot{P} \right)$$

$$\left(\ddot{S} > \dot{V} > \ddot{P} \right) \oplus \left(\dot{V} > \ddot{P} > \ddot{S} \right)$$

$$\left(\ddot{S} > \dot{V} > \ddot{P} \right) \oplus \left(\ddot{P} > \ddot{S} > \dot{V} \right)$$

$$\left(\ddot{S} > \dot{V} > \ddot{P} \right) \oplus \left(\ddot{P} > \dot{V} > \ddot{S} \right)$$

where:

$$if \left(\ddot{S}_i + \ddot{S}_j \right) > \left(\dot{V}_i + \dot{V}_j \right), \text{ then:}$$

1) F(S) and F(V) are used

$$if \left(\dot{V}_i + \dot{V}_j \right) > \left(\ddot{P}_i + \dot{P}_j \right), \text{ then:}$$

1.1 All the F(S), F(V) and F(P) are used

Otherwirse:

1.2 Only F(S) is used and F(V) and F(P) are not used

Otherwise

2) Only F(S) and F(V) are used and F(P) is not used

Applying these simple rules, we find that the 6 Particles of Existence of the 3d universes, - excluded the Particle of Existence of type compatible (i.e nacked PEs: S>V>P) - became "apparent beings" after the generation of their respective protective body through the following forces:

Number	Beings types	Used forces
3	Beings with only Structure S force (ex. Humans, Animals, Vegetals of 3d world)	F(S)
2	Beings with Structure S and Life V (ex. E5 and E6: unknown)	F(S),F(V)
1	Beings with Structure S, Life V and Thought P (ex. Matter of the 3d world)	F(S),F(V),F(P)
6	Total 3d Beings	

And the following are the "apparent beings" depending on the forces of the universes ranging from **1d** to **10d**:

Number	Beings types	Used forces
1	Beings with only Structure S force (ex. Matter of 1d world)	F(S)
1	Total 1d Beings	

Number	Beings types	Used forces
1	Beings with only Structure S force (ex. Unknown being of 2d world)	F(S)
1	Beings with Structure S and Life V (ex. Matter of 2d world)	F(S),F(V)
2	Total 2d Beings	

Number	Beings types	Used forces
3	Beings with only Structure S force (ex. Humans, Animals, Vegetals of 3d world)	F(S)
2	Beings with Structure S and Life V (ex. E5 and E6: unknown)	F(S),F(V)
1	Beings with Structure S, Life V and Thought P (ex. Matter of the 3d world)	F(S),F(V),F(P)
6	Total 3d Beings	

Number	Beings types	Used forces
12	Beings with only Structure S force (ex. Humans, Animals, Vegetals of 4d world)	F(S)
8	Beings with Structure S and Life V (ex. unknown)	F(S),F(V)
3	Beings with Structure S, Life V and Thought P (ex. Like Matter of the 3d world)	F(S),F(V),F(P)
1	Beings with Structure S, Life V and Thought P and C_4 (ex. Matter of the 4d World)	F(S),F(V),F(P),F(C_4)
24	Total 4d Beings	

Numer	Beings types	Used forces
60	Beings with only Structure S force (ex. Humans, Animals, Vegetals of 5d world)	F(S)
40	Beings with Structure S and Life V (ex. unknown)	F(S),F(V)
15	Beings with Structure S, Life V and Thought P (ex. Like Matter of the 3d world)	F(S),F(V),F(P)
4	Beings with Structure S, Life V and Thought P and C4 (ex. Like Matter of the 4d World)	F(S),F(V),F(P),F(C_4)
1	Beings with Structure S, Life V and Thought P and C4, C5 (ex. Matter of the 5d World)	F(S),F(V),F(P),F(C_4),F(C_5)
120	Total 5d Beings	

Numer	Beings types	Used forces
360	Beings with only Structure S force (ex. Humans, Animals, Vegetals of 6d world)	F(S)
240	Beings with Structure S and Life V (ex. unknown)	F(S),F(V)
90	Beings with Structure S, Life V and Thought P (ex. Like Matter of the 3d world)	F(S),F(V),F(P)
24	Beings with Structure S, Life V and Thought P and C4 (ex. Like Matter of the 4d World)	F(S),F(V),F(P),F(C_4)
5	Beings with Structure S, Life V and Thought P, C4, C5 (ex. Like Matter of the 5d World)	F(S),F(V),F(P),F(C_4),F(C_5)
1	Beings with Structure S, Life V and Thought P and C4, C5, C6 (ex. Matter of the 6d World)	F(S),F(V),F(P),F(C_4),F(C_5),F(C_6)
720	Total 6d Beings	

Numer	Beings types	Used forces
2520	Beings with only Structure S force (ex. Humans, Animals, Vegetals of 7d world)	$F(S)$
1680	Beings with Structure S and Life V (ex. unknown)	$F(S),F(V)$
630	Beings with Structure S, Life V and Thought P (ex. Like Matter of the 3d world)	$F(S),F(V),F(P)$
168	Beings with Structure S, Life V and Thought P and C4 (ex. Like Matter of the 4d World)	$F(S),F(V),F(P),F(C_4)$
35	Beings with Structure S, Life V and Thought P, C4, C5 (ex. Like Matter of the 5d World)	$F(S),F(V),F(P),F(C_4),F(C_5)$
6	Beings with Structure S, Life V and Thought P and C4, C5,C6 (ex. Like Matter of the 6d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6)$
1	Beings with Structure S, Life V and Thought P and C4, C5, C6,C7 (ex. Matter of the 7d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6),F(C_7)$
5040	Total 7d Beings	

Numer	Beings types	Used forces
20160	Beings with only Structure S force (ex. Humans, Animals, Vegetals of 8d world)	$F(S)$
13440	Beings with Structure S and Life V (ex. unknown)	$F(S),F(V)$
5040	Beings with Structure S, Life V and Thought P (ex. Like Matter of the 3d world)	$F(S),F(V),F(P)$
1344	Beings with Structure S, Life V and Thought P and C4 (ex. Like Matter of the 4d World)	$F(S),F(V),F(P),F(C_4)$
280	Beings with Structure S, Life V and Thought P, C4, C5 (ex. Like Matter of the 5d World)	$F(S),F(V),F(P),F(C_4),F(C_5)$
48	Beings with Structure S, Life V and Thought P and C4, C5,C6 (ex. Like Matter of the 6d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6)$
7	Beings with Structure S, Life V and Thought P and C4, C5,C6,C7 (ex. Like Matter of the 7d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6),F(C_7)$
1	Beings with Structure S, Life V and Thought P and C4, C5, C6,C7,C8 (ex. Matter of the 8d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6),F(C_7),F(C_8)$
40320	Total 8d Beings	

Numer	Beings types	Used forces
181440	Beings with only Structure S force (ex. Humans, Animals, Vegetals of 9d world)	$F(S)$
120960	Beings with Structure S and Life V (ex. unknown)	$F(S),F(V)$
45360	Beings with Structure S, Life V and Thought P (ex. Like Matter of the 3d world)	$F(S),F(V),F(P)$
12096	Beings with Structure S, Life V and Thought P and C4 (ex. Like Matter of the 4d World)	$F(S),F(V),F(P),F(C_4)$
2520	Beings with Structure S, Life V and Thought P, C4, C5 (ex. Like Matter of the 5d World)	$F(S),F(V),F(P),F(C_4),F(C_5)$
432	Beings with Structure S, Life V and Thought P and C4, C5,C6 (ex. Like Matter of the 6d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6)$
63	Beings with Structure S, Life V and Thought P and C4, C5,C6,C7 (ex. Like Matter of the 7d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6),F(C_7)$
8	Beings with Structure S, Life V and Thought P and C4, C5, C6,C7,C8 (ex. Like Matter of the 8d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6),F(C_7),F(C_8)$
1	Beings with Structure S, Life V and Thought P and C4, C5, C6,C7,C8, C9 (ex. Matter of the 9d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6),F(C_7),F(C_8),F(C_9)$
362880	Total 9d Beings	

Numer	Beings types	Used forces
1814400	Beings with only Structure S force (ex. Humans, Animals, Vegetals of 10d world)	$F(S)$
1209600	Beings with Structure S and Life V (ex. unknown)	$F(S),F(V)$
453600	Beings with Structure S, Life V and Thought P (ex. Like Matter of the 3d world)	$F(S),F(V),F(P)$
120960	Beings with Structure S, Life V and Thought P and C4 (ex. Like Matter of the 4d World)	$F(S),F(V),F(P),F(C_4)$
25200	Beings with Structure S, Life V and Thought P, C4, C5 (ex. Like Matter of the 5d World)	$F(S),F(V),F(P),F(C_4),F(C_5)$
4320	Beings with Structure S, Life V and Thought P and C4, C5,C6 (ex. Like Matter of the 6d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6)$
630	Beings with Structure S, Life V and Thought P and C4, C5,C6,C7 (ex. Like Matter of the 7d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6),F(C_7)$
80	Beings with Structure S, Life V and Thought P and C4, C5, C6,C7,C8 (ex. Like Matter of the 8d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6),F(C_7),F(C_8)$
9	Beings with Structure S, Life V and Thought P and C4, C5, C6,C7,C8,C9 (ex. Like Matter of the 9d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6),F(C_7),F(C_8),F(C_9)$
1	Beings with Structure S, Life V and Thought P and C4, C5, C6,C7,C8, C9,C10 (ex. Matter of the 10d World)	$F(S),F(V),F(P),F(C_4),F(C_5),F(C_6),F(C_7),F(C_8),F(C_9),F(C_{10})$
3628800	Total 10d Beings	

Virtual Contributions are instead the events that can be realized when PE Master and at least one PE Slave, although far from each other, $d(x, y) > Rc$, still activate the external sum

$$\left(\frac{d_E m^{n,m}}{dt} \right)_{x,y,z} \quad n \neq m, d(n,m) \leq Rc$$

of their respective components $\overset{..}{S}\ \overset{..}{V}\ \overset{..}{P}\ \overset{..}{C}_k$ $(k = 4,...,11)$ without any physical contact as happen for the **Material Contributions.**

Virtual Contributions occur thanks the **weakly** contribution of the F(S), F(V), F(P) F(C4),...,F(C11) forces. The same forces

which are the cause of the Material Contributions when applied by direc contact of the PEs. These **weakly** processes are the main cause of the random increasing of the components $\overset{..}{S}\ \overset{..}{V}\ \overset{..}{P}\ \overset{..}{C}_k$ (k = 4,...,11) of the PEs involved, if they are always in accordance with the SVP law.

So, given the specific configurations of two PE (a,b): $\overset{O}{\ni}{}^{nd}_{a}$ (Master) and $\overset{O}{\ni}{}^{nd}_{b}$ (Slave) each of their single components $\overset{..}{S}\ \overset{..}{V}\ \overset{..}{P}\ \overset{..}{C}_k$ (k = 4,...,11)   can   be   respectively   added $\left(\dfrac{d_E m^{n,m}}{dt}\right)_{x,y,z}$ $n \neq m, d(n,m) \leq Rc$ so determining a **Visual**

Contribution of the $\overset{O}{\ni}{}^{nd}_{a,b}$ only if each single sum amount of each single i-component do not exceeds the max value for that i-component in order to maintain the overall inequality of that specific PE (SVP Law).

In our 3d universe, the Visual Contributions can arise from any type of PE (Humans, Animals, Vegetal, Particles of Matter, E5, E6) and they may involve Real Situations (RS) such as: social, love, work, sport, religion, study, family, friendship, nature, animals, technique, culture, E5, E6, etc.

A simple consequence of this natural process of Virtual Contributions is that a single PE can not handle and assimilate any kind and any amount of contamination by other PEs because of both the respect of the *SVP law* and also the *LPO law*

which sets a limit on the value of each individual component (C).

So, a PE Master could not be able to add more than a certain dose of a component without releasing part of that component before assuming the new one. For instance, If I'm interested in music, in family, in painting, and so on, in doses such that my components will sum together overly, I will not be able to accommodate new RS without sacrificing some of those already in place and active form my personal PE.