

The Microvitic Atom

Raymond Bates

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Microvita Sub-structures in the Atom

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By **Raymond Bates**

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July 2016

Dedicated

To Shrii Shrii Ánandamúrti

Also dedicated to Byran

**You burned through this life too fast and hard nephew; the now in next life, we
hope you find some inspiration for change.**

Ya'drshii bha'vana' yasya siddhir bhavati ta'drshii

"As one thinks, so one becomes."

**“And that golden day is sure to come when that perfect stage of structure, that
is, unit existence in the intra-atomic world, will be reached, when human
intuition will realize that the essence in the sub-atomic world is pure
Consciousness.” Shrii Shrii Anandamurtiji, 1983**

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Introduction

This book is intended for the advanced student of Shrii Shrii Ánandamúrti's microvita philosophy. It is expected that the basic concepts behind Saincara, Pratisaincara, Brahmacakra and the four parts of the atom have been understood by the student from the previous books. For that reason I have not repeated many of the footnote references. This subject is not easy. I have had to introduce a completely new facet of energy control here, Prama. Because it is new and applicable on all spheres Macrocosmic, microcosmic, Saincara and Pratisaincara, it can be complicated. The basic ideas were not conveniently outlined by Shrii Shrii Ánandamúrti and many of the transcribed words on forces and energies are inadvertently incorrectly transcribed in meaning and context. It almost takes a detective to ferret out what Shrii Shrii Ánandamúrti sees from the illogic of today's physics. Not being a physicist, I notice that they are beginning to see the light at the end of the tunnel concerning the collective intelligent design in every particle of matter and the need to greatly revise the laws of gravity. Microvita is the answer as they are point-like collective mind sub-assembling algorithms providing the knowledge and intelligent design behind everything.

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PS> [] are additions by this author. ALL quotes come from Electronic Edition 7.0, unless otherwise noted.

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CHAPTER I Microvita and the Five Rudimental Factors

But while atomic research can be done in physical laboratories, microvita research can only be done in the human mind and soul.

Questions_and_Answers_on_Microvita_Section_f.html (Q19)

Microvita and the Five Rudimental Factors

Have you ever wondered *how* Shrii Shrii Ánandamúrti's five rudimental factors can be described in terms of ordinary physics? Of course we all have. We only look at the fact that the rudimental factors of the world have been described for many thousands of years by so many philosophers, mystics and so called physical scientists, in so many different ways. Normally they describe them in terms of four factors of creation of our earth-stuff and have named them fire, wind, water and earth. Shrii Shrii Ánandamúrti and Buddha describes them in five factors (elementals of space-time) adding the ubiquitous ethereal factor. What is that ethereal factor and how does it fit into modern physics and current quantum theories. Like any knotty question it must be un-ravelled piece-by-piece.

First of all, the five rudimental factors are in every quark, subatomic particle and atom but not as we normally perceive matter. We perceive things (material things) through our senses. Those microscopic fractions of reflected or refracted inferential waves (called *tanmátras*) when grouped together in sufficient quantities they can impact our five senses and then we experience or perceive what we call matter. Now we have mentioned two things here, inferential waves and matter; but where is the five rudimental factors? We can realize (perceive) those particles of matter (atoms) through inferential waves but not the original inferential waves. Shrii Shrii Ánandamúrti tells us

they cannot be realized by us¹. Why? Simply because their vibrational level is beyond our limited sensual range of vibrations. Those original inferential waves vibrate at levels we cannot sense. We can conceptualize them in our mind or with reason; but not with our senses.

So where are these five rudimental factors in matter? They (and other things) make up what we call matter. The causal matrix is sometimes referred to by physicists as that “nothing that is between every superstring” in the latest quantum physics superstring theory. In Shrii Shrii Ánandamúrti’s physics the ethereal factor or a’ka’shatattva is the apparent causal matrix the background of all forms and shapes². He calls it a macrocosmic inferential wave and it creates forms and shapes. It is the vibrational energy that naturally vibrates all of what we call dynamic objects and causes them to take shapes and forms.

The causal matrix only provides the impetus or vibrational energy to allow the already pre-programmed microvita to create or make the naturally forming (or self-forming) objects that appear in our space-time. For example- the carbon-12 atom appears in space-time because the causal matrix vibrates the specific types of microvita (collected quantum microvita particles) as collective self-programmable algorithms. Form always takes the shape of least resistance. Any first year student of physics can tell you that the shape of any particular group of particles (say sand) will change in accordance with the vibrational frequency. Probably billions of microvita together forms a template for the carbon-12 molecule. Energy takes form through the ethereal factor or matrix. The form or shape of least resistance the carbon-12 molecule takes depends on the

¹ When the original inferences come in contact with the plane of the universe, they are either reflected or refracted. The unit cannot have the original inference.

[Microvita_and_Cosmology.html](#) [English]

² There is an aura of thought-waves revolving around the Cosmic Nucleus or Puruśottama, the nucleus of the Saguña Brahma, as the result of which energy particles are created. [Vibration_Form_and_Colour.html](#). The five rudimental factors – ethereal, aerial, luminous, liquid and solid – are the sequential metamorphoses of these energy particles, 1956 [Vibration_Form_and_Colour.html](#)

specific collective microvita vibrations that form the basic structure. Each vibration causes a different shape or form to develop. Shrii Shrii Ānandamūrti tells us that energy is only form in abstract³.

Energy and matter are not a two way street. Energy can be brought to the static or bound level of atoms of matter; but matter cannot be brought back up to the levels of the higher inferential factors. Energy itself can only be dissipated to another structure. Yes matter can be dissociated into other components and release energy in the process (usually as light, heat or particles). It is not energy that is the creator of matter. Energy is blind⁴; it cannot form anything by itself. It can be released; but when it's released it will only seek another material shelter. Un-controlled energy is explosion. It needs intelligence or conscience behind it to create anything. The conscience/intelligence is in microvita and the energy creating vibrations is in the causal matrix of the first factor and works in unison with microvita. Microvita helps form the basics of our atomic material world. Microvita is within every step of the basic stellar nucleosynthesis of our recombined elemental world.

Nearly everything that we can perceive in our space-time is really the solid or fifth factorial.⁵ All those five intrinsic rudimental factors are within matter because each tanmatric microscopic vibration we receive/perceive with our senses came from that very thing we call matter. You never touched any atom of color or any molecule of water. You only perceived that minute tanmatric vibration that you sense as liquid or green. This is not a matter of circular reasoning. If you perceive that an object vibrates your eyes as the color green, then those minute tanmatric vibrations came off that material object because that original inferential factor was already present within the un-perceived

³ When form remains in the abstract realm it is called energy; when it comes into the material realm it is called matter. [Shakti_and_Its_Proper_Application.html](#)

⁴ "The intellectual unit mind [our guiding psychic] controls the physical activities of the blind prāñāh [vital energies] of the unit structure." [Pratisaincara_and_Manah.html](#)

⁵ All the perceptible physical objects of the world are composed of the five fundamental factors. [Saincara_and_Pranah.html](#). Sagun'a Brahma had to assume a crude form so that It could divide Itself into innumerable units. It exists as units only in ks'ititattva [solid factor], as It cannot divide Itself into units in any other form. [What_Is_This_World.html](#)

portion of that object. But again, it is present as a rudimental inferential factor or vibration, not as a solid object that you seem to perceive.

We know that matter and energy are not the same. We perceive matter but do we not perceive energy. What we perceive as energy is only the ethereal factor energies being expressed at lower levels. That energy we see as lighting reflected off atmospheric atoms or that heat energy radiating from the sun is all the same energy reflecting or refracting off solid factor objectivities. The solid factor has the ability to reflect all vibrations of all the other factors⁶.

We now from previous studies that the baryonic world of matter is formed from microvita and how those very protons and neutrons take the shape of atoms and eventually molecules to form the carbonic and organic world we live in. Let us see how the atom is formed.

Macrocosmic Frequencies

We previously established the four parts of the atomic structure⁷ as:

- Crude -atomic physical energy
- Subtle -mental structure of physical atom – dormant
- Crude -energy-like structure of microvita
- Subtle -collective mind of microvita

Here we will attempt to determine the approximate size or position of each of these four parts of the atom thereby allowing us to place them on the wavelengths (frequency) chart.

Every structure in the phenomenal world can be shown to have four parts. Look at the Hoover Dam for example. Crude physical energy stored as kinetic energy behind the dam. Physical mind of dam

⁶ The solid factor has the capacity of imbibing or carrying all five tanmátras: sound, touch, form, taste and smell. Chapter_2.html

⁷ Microvitology p.114

is the computer controlled panels and wiring with control structures. It works automatically without human inference. Subtle structure and subtle mind. The human structure and human subtle mind that created and regulate and modify the dam structure.

Microvita is the subtle mental structure and subtle body that made and maintains (regulates) the atom. The atom has crude body of energy. Its crude mind is dormant⁸.

It is easy to locate is approximate frequency of matter. It is well known. From the observed size of atoms they have a frequency of about 10^{18} Hz. (see below drawing) and 10^{-10} meters wavelength.

The physical size if microvita is more difficult to locate as it is point-like normally (having no size) except when it takes on energy. We know that it is much smaller than quarks which have a hypothetical frequency of about 10^{24} Hz and a corresponding wavelength of approximately 10^{-28} meters. We could summarily place microvita physically at about 10^{26} Hz and 10^{-33} meters. The theoretically smallest thing is the Planck length of 1.6×10^{-35} meters and therefore about 10^{-43} Hz.

The Physical atom has a physical frequency of 10^{18} Hz. If we use the physical frequency of humans as a guideline 10^8 Hz and the mental frequency of human mind as 10^2 Hz; then there is a physical difference of 10^6 Hz. Applying the same logic to physical part of an atom to determine the subtle mental structure of the physical atom we would get 10^{12} Hz as a theoretical frequency of for the mental (dormant) portion of the physical atom.

The next problem is locating the frequency/wavelength of microvitic mind. Microvita not only are only point-like physically; but they do not have the same type of mind as phenomenal physical objects. They have microvitic collective mind. We cannot simply add

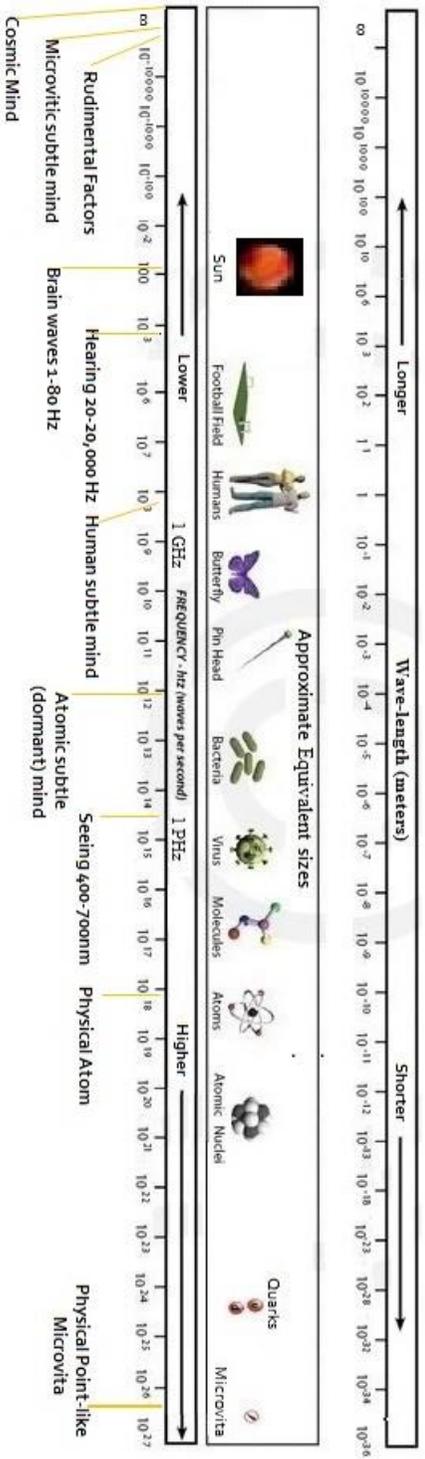
⁸ Now, even in so-called crude matter there is mind in sleeping form, there is mind in dormant form... Sadgurum_Tam_Namami.html

10^6 Hz to the approximate physical frequency. Their mind is not a simple psychophysical phenomenal object, like our human mind. We know microvita are created directly in Saincara (See [MacroGenesis Cycle of Creation](#)) by the Cosmic Mind ⁹(our mind is not created there). They probably have a frequency nearer to the Cosmic Mind frequency (whatever that is?) and certainly higher than the area of the rudimental factors on the Brahmachakra chart. Let's place them there on our hypothetical drawing. [The length of chart we will have to place it vertical to get the figures readable.]

⁹ The spiritual level, the spiritual space, is not for microvita because they are something created by the cosmic mind...but they do not function within the spiritual stratum. They cannot affect the spiritual structure, but they can affect both the physical and psychic structures.
Questions_and_Answers_on_Microvita_Section_a.html (Q5)

Macrocosmic Frequencies

[scales may be compressed]



Drawing Microcosmic Frequencies

Summary

It would appear that although the physical aspects of matter and microvita revolve around energy; the subtle mental components differ radically in their positioning. Assuming the physical aspect of the atoms mind has some physical proportional relationship as the physical human to his mental portion; the microvitic subtle mental relational-ships proportion varies radically from the physical relationships. This is because microvitic mind is directly and closely related to collectivity of Cosmic Mind. We cannot expect minds created indirectly out of matter in Pratisaincara (as our unit minds are) to have the same Macrocosmic connotations as the collective microvitic mind created directly in Saincara by Cosmic Mind.

Some further atomic considerations

Some further considerations about the physical and mental structures of the atom involve the idea that the atom contains both a physical nucleus and five rudimental nuclei. These are physically radically different nuclei. From the chart it can be clearly seen that the physical size of the common nucleus is approximately 10^{-13} meters whereas the wavelength of a five rudimental factor is astronomically large. How can these two radically different types of nuclei fit within an atomic structure?

I believe the answer lies in what we conceive to be the make-up and purpose of the two different nuclei. Physical nuclei hold the physical energies within the physical structure of the atom. This is what we perceive as reflected tanmátras. The five rudimental nuclei attract and hold the respective basic type of preprogramed microvita. This point-like physically oriented microvita contains mental mind stuff (and this controls the physical aspect of energy) of the microvita within the atom. This may appear complicated; but actually there are only a few types of basic microvita needed to be attracted to each of

the five factorial nuclei. In retrospect there is only one type of basic element needed to be created, protium.

To see what the answer is we must look at which comes first; the atom or the microvita? Yes. Microvita creates atom, therefore microvita must be first attracted to the five rudimental nuclei first and then those nuclei make and control the physical structure of the atom.

How are they attracted to the five rudimental nuclei? In many ways. First the mental vibration of subtle microvita are attracted to the very (higher wavelength) subtle vibrations of each of the five factorial nuclei in proportional accordance the vibrations of the microvitic sub-assembling programing. Remember the microvita are already constructed and programed by Cosmic Mind in Saincara. Each has a different programing. They are attracted by frequency. Here, they are just following their normal attractions, using the cosmic inferential waves and their mental proclivities towards the appropriate five rudimental factorial nuclei.

In other words. A simple run through would be; a single pre-programed algorithmic self-assembling microvitem would be attracted to one of the five rudimental factorial nuclei in accordance with its distinct vibration and programing say to the solid factorial. Other microvitem would be attracted to other factorials as Shrii Shrii Anandamúrti says “in requisite proportions”.

The purport of this is that the five factorials are grouping the *mental* stuff of the individual microvita into a controlling nucleus made of physical factorials and using the subtle microvita mental stuff. At this point, the subtle mental portion of each microvitem is not doing anything except guiding by vibration.

What is the “requisite proportions”? There is only one basic nucleus and that is protium. All other fundamental elements and thereafter molecules come from protium, in star burning stellar nucleosynthesis¹⁰. Requisite proportions are simply the percentage of

¹⁰ *Microvitology* by this author

each rudimental factorial needed to combine in the creation of protium.

What does it mean “requisite energies”? Factorials are the framework for the basic energies of the universe; some more subtle than others. To make a solid nucleus (as in protium) you must have a preponderant proportion of microvita that swarm around that fifth factorial with its fifth factorial energies. Those preprogramed microvita that swarm there, will pick up that fifth factorial energy. Why different energies? Each structure in our mundane Macrocosm uses different energies as its individual base. We can tell which base by the reflected tanmátras. Examples are: vital energies are 2nd factorial energies¹¹, bodiless minds use 3rd factorial (luminous) energies¹², and elements use 4th and 5th factorial energies.

We now have assembled a controlling mental nucleus using the five rudimental factorial physical nuclei and subtle microvita swarming around their requisite rudimental nuclei. With the point-like (physical) bodies comes the microvita subtle minds gleaning energies of a type in accordance with the factorial that they swarm around.

At this point we have a so-called mental controlling nucleus with swarms of microvita accumulating different energies in accordance with their vibrations and programing. We saw in previous works how atoms are formed from microvita with requisite proportional energies. Specifically how protium is formed¹³. The questions now left are: what is this atomic energy and how are the specific energies within the now atomic nucleus controlled?

¹¹ These vibrations come within the maruttva or aerial factor and so práñah and the ten váyus are not taken as a separate principle. [The_Chariot_and_the_Charioteer.html](#)

¹² Incidentally, let me tell you that devayonis are composed of three fundamental factors – ethereal, aerial and luminous. The solid and liquid factors are left on the earth after the death of the physical body. [Disembodied_Souls_and_Microvita_Section_B.html](#)

¹³ *Microvitology* by this author

CHAPTER 2 Emergence of Energy with Microvita in Cosmology

The Emergence of Energy with Microvita in Cosmology

To understand how energy emerges into the cosmic sphere we must understand that although energy is a basic component of the Cosmic Matrix, it in itself is dead. It can never move without some intelligent designs behind its movements.

Energies Prana and Pranah

Let us look at only the energy aspect of cosmology for a second. We have dwelt on microvita aspect of energy and how microvita uses energy to build, modify and sustain life and matter in our universe in other works¹⁴. Now, let us look at a few specific types of energy and how it manifests and appears to us, in the world around us.

In Shrii Shrii Ánandamúrti's writings we find that **prana** and **pranah** both mean energy and are sometimes used interchangeably. Sometimes they are translated incorrectly. Let us find the correct meanings, and put them in the correct context.

In this quote He shows us the precise difference between prana and pranah by putting both in the same paragraph.

“Prána originates after the emergence of the five fundamental factors in the phase of Saiñcara. The origin of práñáh marks the beginning of Pratisaiñcara, the introversive phase of the Cosmic Cycle.”

Prana is the energy within matter in Saincara. Pranah is the energy of living structures in Pratisaincara.

¹⁴ *Microbiology and Microvitology*

And again the same distinction about Saincara and Pratisaincara.

“...on the one hand matter, together with práña [energy], through the process of jadásphota [structural annihilation] is moving along the path of Saiñcara, on the other hand, the práñah [vital energy] of the living entities is gradually merging into the Supreme Entity as the culmination of the flow of Pratisaiñcara.”

And here pranah (vital energies) are “blind” energies (as are all energies).

“The intellectual unit mind [our guiding psychic] controls the physical activities of the blind práñáh [vital energies] of the unit structure.”
Pratisaincara_and_Manah.html

Here cosmic energy is generally equated to psychic/psycho-spiritual energies in the supramundane realms.

“In the cosmic arena [Macrocosmic], in the cosmic stratum, if we try to dissociate what we feel or what we conceive or what we perceive into the “knower” and “known” portions, the cosmos in the physical level is the “doing” entity in the physical level and is microvita; and the “done” portion is the world of physicality. And the “knowing” faculty in the cosmic level is the supreme cause or the subtlest form of energy, and the “known” portion or the “known” counterpart is the psychic and psycho-spiritual worlds.”
.Matter_and_Abstract.html [English]

Here vital energy is a part of 2nd factorial level of energies.

“These vibrations come within the marutattva or aerial factor and so práñah and the ten váyus are not taken as a separate principle.”
The_Chariot_and_the_Charioteer.html

Here the pressure of the gun’as collectively is prana [physical energy here] as the two forces modify within the atom.

“collective name of these exterior and interior forces is práña, or “energy”

Here He shows that prana can be converted to pranah (providing there is life-like environment available).

“the existing congenial environment will be the cause of transformation of práña into práñáh.”

If we briefly summarize these points we see that all energy comes from the same casual matrix just after the emergence of the five rudimental factors. Energy is an indestructible, interchangeable and inter-transmutable blind force called prana. It is only the container that it takes that causes it to appear as different forms of energy. Some places it hardly moves at all when under the static binding gun'a force; like in the atoms. Prana only becomes pranah (vital energy) when it is associated with unit living structure¹⁵. It has different names in accordance with its usage. All energy is psychic and psycho-spiritual in nature but must be guided or controlled. Energy in itself has no intelligent component. We can see it expressed in our done (physical) world through microvita and in atoms. Energy is also expressed in our psychic and psycho-spiritual levels but again must be guided by a guiding psychic (in humans). Without a developed mind energy is expressed and controlled by the cosmic mind in Saincara and Pratisaincara.

We see now that energy is not just a flow of electrons or an uncontrolled bolt of lightning etc. In our universe it may be the cosmic intelligence allowing it to move from one container (solid factorial in atoms) to the earth as a new container but is designed movement. The same with electrons, there is human intelligent design to guide their flow in our mundane world. Where there is no developed intelligence behind the movement then cosmic mind controls the movement of energy¹⁶ through its various methods of "doing" or Doer I, like microvita.

What we see is that the same energy appears at one place as apparently knowledgeable with life giving qualities and other places as an inanimate sort of energy. They are not different types of energy. The answer lies in both the emergence and use of the attributes of energy, not in apparent differences in quality. In both worlds (living

¹⁵ Ego does not appear in the primary stage of mental creation [undeveloped mind], hence under such a circumstance, the blind force prāṇāh cannot activate the physical structure.

¹⁶ Thus in Saincara there is only protah yoga but in Pratisaincara both protah yoga and ota yoga are there. Atman.I&I

Pratisaincara and Macrocosmic Saincara) the secret is microvita. Energy is only an indestructible, interchangeable and inter-transmutable blind force that is guided and controlled by mind (Macro & microcosmic) through microvita.

If we ask our self, “Isn’t creation what microvita is all about?” Isn’t Pratisaincara where microvita enters into the picture as that life giving vital force called pranah¹⁷? Yes, but we also know that negative microvita creates atoms¹⁸. Certainly atoms are not alive and do not need a vital energy, nor do they first appear (but are used) in the cosmic cycle in Pratisaincara.

Pranah energies can be associated with a living developed being, in which case it can be independently controlled by the ego (or guiding psychic) but in underdeveloped living structures and also in microvita, the Cosmic Mind is the guiding controller of energy.¹⁹

The answer is not only microvita. Microvita not only carries energy (albeit in very different amounts at different places in the cosmic cycle) but it has the ability to modify and create this objective world through its unique abilities of using its X factor of collective knowledge with intelligent design. That is microvita are point-like collective mind sub-assembling algorithms that ride on the macrocosmic inferential waves (Cosmic Mind’s inferences) at supraliminal speeds unhindered by space and time. They are made and programed by Cosmic Mind with intelligent design to be attracted harmonically to phenomenal objects and can be detected as tanmatric wave reflections.

Microvita collective mentality works in the ota-protah macrocosmic world of macrocosmic mind, collectively guided to

¹⁷ the práñah (vital energy) of the living entities is gradually merging into the Supreme Entity as the culmination of the flow of Pratisaincara.

¹⁸ This negative microvita causes the creation of newer carbon atoms and other sub-atomic particles. Smell_and_Microvita_Section_C.html

¹⁹ In the initial stage of mental creation, living structures, with their underdeveloped ego, cannot function independently, and therefore they work according to the will of the Cosmic “I”,

construct matter. At the same time, other collective microvita collect together and delve into the in the physical/psychic-psycho-spiritual world of Pratisaincara and the unit I constructed minds. Here they work collectively both physically and psychically to modify physical and psychic structures.

We see now the same prana energy is within the basic atomic structure and evolves within a congenial environment to become vital energy (prana) with the help of microvita. Now we will see how Prana controls microvita and psychic structures

CHAPTER 3 Prama and Prama'trikon'a

Prama, Prama'trikon'a and Gun'atrikona

Prama historically

Prama is not an easy subject. It involves energies, microvita and balancing control structures in both the Macrocosmic and microcosmic worlds in both Saincara and Pratisaincara. The words used generally in the same category are prama'trikon'a, lokatrikon'a, Maha'trikon'a and Gun'atrikona.

In the Macrocosmic worlds Shrii Shrii Ánandamúrta used the words Prama and generally lokatrikon'a philosophically to describe the balance of microvita in the areas of the Macrocosmic Lokas. Gun'atrikona was used in various spiritual oriented areas. In Brahmacakra gun'atrikona was used to describe the triangle of spiritual oriented changing forces (gun'as) where the primordial sentient wave first breaks out to start homomorphic evolution or svarúpa parin'a'ma. Sometimes gun'atrikona was also called the Causal Matrix²⁰, Múlá Prakrti or Gun'ayantraka and in Sam'skrta was called Srśtímátrká²¹. In the psychospiritual human chakra areas He used gun'atrikona to describe the spiritual union of the vital energies of Pranah in the kulakun'd'alini as it merges into the energies of the spiritual Gun'atrikona. Maha'trikon'a was only mentioned once in a type of idealistic lokatrikon'a Paramá Tattva merger.

²⁰ When a triangle maintains balance, the collective name of its three forces is causal matrix (Múlá Prakrti).

²¹ This triangle of forces, or Guñayantraka, is called Srśtímátrká, or the Causal Matrix. [Gunayantraka_and_Svarupa_Parinama.html](#) 1969

Prama generally means balance or dynamic adjustment and has usually been described as balance in the three spheres of Macro-microcosmic existence. Prama can be both referring to both the unit²² and collective²³. In the collective it generally refers to social aspects like “development of a dynamic social structure in this rapidly-changing world”²⁴ in conformity with the physical, psychic and social needs of human beings.” As it was used here:

When the balanced state of material development, having reached a supreme height, maintains proper adjustment with the psychic and spiritual elevation of individuals and the collectivity, it is called pramá saṁvrddhi.

Normally collectivity was not used interchangeably as collective mind as in microvitic collective mind. It appears in many other usages when combined like here:

The society will attain pramá saṁvrddhi in the physical stratum, pramá rddhi in the psychic stratum and pramá siddhi in the spiritual stratum. That will be the stage of all-round welfare, progress and perfection for all humanity, for the entire living world. Prama_1.html 1987

Other occurrences of prama appeared in usages like these:

pramáda, prámáda • pramádagrasta • pramadanaññanam • pramádatah • pramádtápasso • Pramána, pramána, Pramaña, Pramána • pramáñabhávát • pramáñam, pramáñam • pramáñani, Pramánañani • pramáñas • pramánaváditayá • pramáñyábhávát • Pramá-rddhi • pramatha • Pramathanátha • pramátrikoña, pramatrikoña, pramátrikona • pramátrikoñas, pramatrikoñas • pramátrokoñas • pramatta • prameha • Pramiila

Precisely Shrii Shrii Ánandamúrti precisely describes Prama this way:

...physical equilibrium between the two parties... This balanced state in weight is called “equipoise”. Equilibrium and equipoise are collectively known as pramá. Prama_1.html 1987

²²Just as pramá is indispensable in individual life, it is indispensable in collective life.

²³Human existence is trifarious – physical, psychic and spiritual. These three aspects give rise to pramátrikoña or lokatriskoña in individual entities as well as in the collective body. (1987)

²⁴Our_Social_Treatise.html (1970)(word Prama not specifically mentioned)

Here He defines prama in the psychic spheres:

What is Pramá? Pramá is psychic equilibrium – equilibrium in the arena of psychic faculty [Existential Faculty and Knowledge Faculty], and equipoise in the arena of psychic mass. *Propensities_and_Prama.html 1988*

Prama as balanced triangle of forces

It wasn't until the microvita introduction that He revealed that the pramic balanced triangle of theoretical forces have dynamic value in the three micro and macrocosmic spheres.²⁵ At first He introduced prama'trikon'a as a balance of dynamic forces in pratisaincara especially in the physical, psychic and spiritual spheres. He fit these nicely into PROUT theory showing that greed and other desires in the physical and economic spheres can cause hardship and disparity in our physical world, psychic and spiritual arena and the necessity of adjustments. It seems that prama'trikon'as can be of many types, physical, psychic and spiritual forces. It also works in the micro and Macrocosmic spheres.

Prama as psychic force in atom²⁶

It was not until after 1987 that He showed us that prama'trikon'a balances were also dynamic and static forces in Saincara and in the world of atoms. Shrii Shrii Ánandamúrti never directly said that there was a pramatrikonic equilibrium and equipoise in the area of psychic and mass within the atom. So it takes some simple addition and a little intuition to see it there. Like this:

1. In 1987 He mentioned prama'trikon'a in the physical. Psychic, collective and spiritual arenas.²⁷

²⁵ there is balanced physical pramátrikoña, balanced psychic pramátrikoña and balanced spiritual pramátrikoña,.. Prama_4.html

²⁶ What is Pramá? Pramá is psychic equilibrium – equilibrium in the arena of psychic faculty [Existential Faculty and Knowledge Faculty], and equipoise in the arena of psychic mass. *Propensities_and_Prama.html 1988*

²⁷ it is your duty to establish a balanced triangle through pramá sañvrdhhi in the physical sphere, pramá rddhi in the psychic sphere, and pramá siddhi (1987)" and through the lokatrikoña ... – one approaches the vertex of the guatrikoña("the glory of supreme spiritual attainment.").

2. In 1987 He defines equilibrium and equipoise as collectively prama.²⁸
3. In 1988 He introduces us to psychic force doing/controlling psychically *equilibrium and equipoise*. He calls it “psychic faculty”. In His philosophy there are two general classes of faculties, knowledge faculty and Existential faculty. In both cases equilibrium and equipoise it shows intelligence in control or design.

“Pramá is psychic equilibrium – equilibrium in the arena of psychic faculty, and equipoise in the arena of psychic mass. In the final stage of Pramá, when there is absolute equilibrium and equipoise in psychic faculty and mass, then the triangle of forces, the triangle of equilibrium, remains undisturbed. (Pra – má + dá + ía suffix = Pramá).” Propensities_and_Prama.html

4. Then in the 1989 closed compiled chalkboard session He links the actional portion of microvita (Subjective B) with the equilibrium and equipoise of prama'trikon'a in the mundane world²⁹ (including physical atoms) and supramundane (including mental parts of atoms) spheres and states specifically in the creation of the initial forms of atoms.³⁰

These indicate that prama'trikon'a has intelligent control or designed controls, as used in the atom. We will discuss precisely how prama is used in the atom in Chapter Atomic Pramatrikonic control structures.

²⁸ As there is equality of weight on both sides, the scale is evenly balanced. This balanced state in weight is called “equipoise”. Equilibrium and equipoise are collectively known as pramá. Prama_1.html

²⁹ Now, the question is, How do positive and negative microvita maintain both equilibrium and equipoise [balance] in the universal strata – in the physical, physico-psychic, psychic and psycho-spiritual realms? Microvita_and_Cosmology.html 1989

³⁰ (Microvita of different characters, either of positive or negative nature, collectively maintaining the balance [equipoise] of the actional universe creating initial forms of carbon atoms that help macro- and micro-propensities in having their pure physical auxiliary media with mass and wonts.) Microvita_and_Cosmology.html 1989

CHAPTER 4 Energy and Structure in Atoms

Energy and Structure in Atoms

The energy remains and maintains the structural solidarity of each and every entity of this universe by taking the form of its container according to the structural solidarity of the different entities. *Energy_and_Cognition.html*

The secret of energy is in its structure. That is, energy must have a structure. It simply changes from one structure to another. We observe energy only in its movement from structure to structure. So, if we want to understand energy we must understand what structures are and how structures are formed.

Energy is only the ability to change structures but it is bound by Prakrti. Prakrti is not energy, it is the controller of the gun'as or force/shape changing attributes used in the gun'atrikonic ability of energy to change from one form or state or structure to another. An example is that of the static energy (tamogun'a) in the form of stripped down protons as plasma contained in a neutron star, which changes to sentient (sattvagun'a) energy when the neutron star goes supernova³¹. It is the same energy, just changing forms or structures.

In the supernova the compressed gravity energy in the atoms now becomes gravity straightened waves of sentient energy. The same gravity energy now expressed as straightened gravity (or anti-gravity) waves³². Energy is always the same, only the container changes from neutron star plasma atoms with five factorial nuclei to gravity wave

³¹ “Due to jadasphota, gradual or instantaneous, the component factors of the physical structure get dissociated into the five fundamental factors.” Saincara_and_Pranah.html 1959

³² This phenomenal event of jadasphota is nothing but the recoiling of the cosmic waves. These recoiling waves become straightened by the explosion. The_Expansion_of_the_Microcosm.html

forms with two factorial nuclei to maintain the wave structure. Nothing can recycle beyond the 1st ethereal factor. Otherwise the cosmic mind would cease to exist.³³

To be a structure it must be formed on a nucleus.³⁴ All structures from cosmic to subatomic form around one or more factorial nuclei. Any structure can display only the characteristic included in its crudest factorial. All more subtle factorial nuclei are contained in the crudest factorials structure. For example in the gravity wave mentioned above that changed containers from neutron star to gravity wave, the container now has two factorial nuclei that in turn allow two tanmatic expressions that we can sense as tanma'tras. 1st and 2nd factorial. There is no form tanma'tras in those factorials; therefore we cannot see gravity waves; except we can see the wave outline as it passes across background objects; not the wave itself.

Theoretically the total sum of all energies [under pressure of Bala expressed increasingly as attributes] contained within any structure is the sum of the factorial energies³⁵. The sum of all 5 factorials energies in any structure is always unity, 1 or 100 %³⁶. In other words, for example, the sum of the energies within a ariel factorial structure (like an elemental gas- 2 factorials) will be 100% the same as an ethereal based factorial structure (1 factorial), even though the ariel structural has two included factorial nuclei. The ariel structure will not be able to display any tanmátras of form or shape.

³³ In the process of negative sañcara the component factors cannot dissociate into factors subtler than the ethereal, as that would mean the Ahañtattva withdrawing its eternally active thought-projection; Saincara_and_Pranah.html

³⁴ These physical structures are composed of five fundamental factors – ethereal, aerial, luminous, liquid and solid – and so, for their own existence as unit structures, they must have the controlling nuclei of the respective factors within their composite body. Saincara_and_Pranah.html

³⁵ Due to external static pressure [Bala], the number of attributional peculiarities [varity of attributional manifestations] increases, but not the attributional capability [it remains at 100]. Concept_of_Gunabhivyakti_and_Jadasphota.html 1969

³⁶ But the [total] attributional capacity remains what it is – unenhanced ... the combined measure of the sonic and the tactual attributes still remains at one hundred. Concept_of_Gunabhivyakti_and_Jadasphota.html 1969

Simply because it does not contain the 3rd form factorial nucleus within its structure.

Shrii Shrii Ánandamúrti's view of the cosmos and energies

A short explanation to the future reader as to why Shrii Shrii Ánandamúrti saw the cosmos and our world differently than we see it. The best I can say is He saw things exactly as they were. For example, when He saw atoms, He probably saw them as a many factorial nuclei of a certain specific vibrations compacted with/of a solidified consciousness whose energy was balanced in static repose. This is not how we would then or now see atoms. Even though He used mostly terms that were available in Sanskrit and other languages for His descriptions, the translators were neither physicists nor even familiar with atoms or chemistry. Words in English like energy and force were many times interchanged and misconstrued.

It was not Shrii Shrii Ánandamúrti that is confused in His views but the early translators. They knew nothing about physics in 1956, even then the western physicists were just trying to write the first books on nuclear physics.

Today is a different world than 100 years before, when the great physicists of Dirac, Einstein, Planck, Schrödinger and others interpreted the world of physics with their great minds and mathematics. Today a relatively unlearned person can search 100's of books in a fraction of a second with modern computers. All you need is single-mindedness and direction.

Certainly no person could have known what He thought. Shrii Shrii Ánandamúrti knew me personally and I him. After using modern computers and parsing thousands of references and deconstructing the words translated into the actual meaning of Shrii Shrii Ánandamúrti's statements (and not always the literal translation); please allow me some leeway and discretion in trying to understand *how* He thought about some of these things.

Allow me also the time to mention here; we have to be careful in our analytical approaches to synthesizing His ideas. As any good detective can tell you, if you look closely enough you can prove that

every person in the entire world is related. If you look to the 6 th consanguineal descent. In this case we might have tried to prove a psychophysical parallelism theory that holds the atomic nuclei together or attracts the solid portion to the solid factorial vibratory nucleus...and we would be wrong. Shrii Shrii Ánandamúrti very specifically stated that wave parallelism theory was for living things only. So, it's not applicable to parallelism as an attracting force in the factorial nucleus. We know that there are "living things" in the structure of the atom (microvita); but that does not mean that parallelism is the answer to the holding force within the atom.

In *Microvitology* and other books I have tried to state that modern physics energies and forces do not equate one for one with Shrii Shrii Ánandamúrti's ideas of the same subject. Here is one example from *Microvitology*:

What are the opposite of gravity waves? Anti-gravity. He tells us here they are microcosmic centrifugal waves. The opposite force we call gravity He calls "The centre-seeking or interial [centripetal] "or microcosmic centripetal force"³⁷. These are the two forces within the atomic structure³⁸.

Not all matter is the same

In Pratisaincara the atoms (of matter) are destroyed ("powdered down") to evolve mind-stuff. Matter evolves as mind (in Pratisaincara) or it re-cycles in supernovas back to the basic elements and five rudimental factors. What this means is that Pratisaincara is a description of mind and life, not atoms and matter.

Matter is created in Saincara. Matter is controlled by microvita that is a macrocosmic creation of Cosmic Mind within Saincara. Matter is re-cycled in Saincara. In Shrii Shrii Ánandamúrti's descriptions, matter is a function of Saincara only. We (and microvita) as mental beings, proceed in Pratisaincara³⁹ mentally, matter does not

³⁷ This external pressure from static Prakrti is known as bala. As a result of this bala, two opposing forces develop, one centrifugal and the other centripetal in character. The centre-seeking or interial [centripetal] force tries to maintain the structural solidarity of the object; while the centrifugal one has a fissiparous tendency, that is, it tries to split up the object into thousands. Saincara_and_Pranah.html

³⁸ Microvitology P 163.

³⁹ Not only microcosms but ectoplasms and [or] microvita also move from imperfection towards perfection in circumferential style. Questions_and_Answers_on_Microvita_Section_b.html (Q9)

mentally proceed or evolve in Saincara. The same Macrocosmic constructed atoms (constructed in Saincara) are within us, actually only our mind is really in Pratisaincara. Atoms are real within the macrocosmic world and they are real within us, as they are real to the Cosmic Mind that made them and within His body. Our being appears transient, shadow-like to that same Cosmic Mind. Not like the Macrocosmic constructed atom in Saincara.

This is important because everything within Saincara is controlled through prota yoga and the collective Cosmic Mind directly or indirectly as the case may be⁴⁰. Atomic structures or lattice works of atoms and molecules are directly controlled by microvita and indirectly controlled/witnessed by Cosmic Mind. Cosmic Mind created microvita and has collective protah yoga mental relation with microvita. This is why spooky action at a distance or entanglement is a function of Cosmic Mind through protah yoga and not an individual unit I function with its dependence on the relativity of time, place and person. Spooky action at a distance or entanglement only appears to be dependent within time, place and person to us as unit structures and unit mind types viewing from our limited perspective.

Time as a factor in Atom creation

To see how time is a factor in atoms, we must look further. We find the answer in the area of relative times^{41 42}. Microvita works relatively fast in all three spheres of the collective and unit microcosmic world. But in atoms microvita must work very slowly. That is in the maintenance of structures like atoms and sub-atomic particles, because they can be measured in what physicists call half-

⁴⁰ Thus in Saincara there is only protah yoga but in Pratisaincara both protah yoga and ota yoga are there. Atman.I&I

⁴¹ Wherever there is no action, the possibility of measurement does not arise. And where there is action but no personal entity, no personal factor to measure the motivity, there cannot be any time. So the time factor is a relative factor; there cannot be eternal time.
The_Causal_Matrix_s24.html

⁴² Consciousness is time-constituting. We build time up out of instantaneous impressions that flow in through our sensory organs at each moment. Then they recede into the past. What is this thing we call the past? It is a system of records encoded in our nerve tissue—records that tell a consistent story. Anathem.Harper colleens Books, Copyright © 2008 by Neal Stephenson.

life or decomposition. That measurement is many times measured in billions of year's half-life. Therefore the action of microvita in atoms as pramatrionic forces must be very stable action, not fast as in the microcosmic units and in the collective psychophysical worlds. Atoms are not relative created structures to our relative unit I and mental viewpoint. Atoms are created in Saincara without unit I but a collective I that was made directly from the Cosmic Mind and structured out of time.

CHAPTER 5 The Life of Microvita

The Consciousness of Life

We humans are egocentric. We think through our own consciousness that is driven by fears and desires. Is our type of self-centered consciousness the only type in the universe? At first glance we could answer “No, Look at the ant. They have a very different consciousness. They share everything?”

Shrii Shrii Ánandamúrti explains that consciousness is not a factor of size, environment or even genetic make-up. Those are all secondary to the basic composition of consciousness within those minds. All minds are composed of three different types of mind matter. It's the quantity of each type (of quality) within each unit that makes the units appear to have different mind types. He calls those types citta (takes the shape of object), aham'tattva (ego-I feeling) and mahattattva (existential-I).

If we go back to answering why the ant appears to have a different “personality” than us as humans; it is because the ant has a very basic unit mind needing only the four basic desires of all life. Those are sleep (rest), reproduction, eating (assimilating for growth) and maintaining the structure (self-preservation). The ants mind contains a very small portion of aham and mahat relative to the amount of citta. This means the ant has no awareness of itself as an individual ant. It has no ego feeling.

Back to the original question, “Is our type of self-centered consciousness the only type in the universe?” Shrii Shrii Ánandamúrti explains there is another type of consciousness in the universe. He uses the term collective⁴³ to describe this type of consciousness within microvita.

⁴³ ...microvita also move from imperfection towards perfection in circumferential style. Those microvita, or say the collective form of microvita, with the coverage of endoplasm, move in the same style. Shrii Shrii Ánandamúrti. Questions_and_Answers_on_Microvita_Section_B.html (Q9)

Microvita have a collective consciousness and are a product of the cosmic mind. In one sense (like the ant) microvita have a very minimum of the aham (ego forming) mind stuff⁴⁴. Microvita are a collective type of sub-assembling algorithm that has a type of design intelligence that adapts to the environment. They react collectively within the environment they find themselves.

From the environment within the atom to the organic body of the human through the holistic universe, microvita are utilizing their collective type of mind to create and modify our environment and universe. Within the smallest sub-atomic particle, microvita of a particular type, group together to form the component sub-structures. The human body is a combination of many protozoic, metazoic, ectoplasmic and endoplasmic microvitic collective minds all working together in unison⁴⁵. Collective mental structures are structured toward “minimum-I “feelings, we must remember that they are just that, collective microvitic structures. They do not have unit type mental tendencies⁴⁶. We as humans have an abundance of aham within our consciousness. We have a divisive fissiparous ego centric type mind.

The individual microvita has collective type of mind with a different proportion of the basic types of mind stuff. This allows microvita to have almost no ego-I feeling of individuality. Having no ego-I aham it can interact directly and without mental interference with the ubiquitous Cosmic Consciousness. This allows its collective type of consciousness to group together for common functions. Because its relative size is almost point-like, it has an intelligent designed sub-assembling algorithmic type programming allowing it to complete its designed functions in a collective manner. Microvita

⁴⁴ Endoplasmic structure has minimum "I" feeling. It is of collective nature -- it is a collective structure. Shrii Shrii Ānandamūrti. [Questions_and Answers_on_Psychology.html \(Q4\)](#) _

⁴⁵ It is a collective mind being a collection of:(a) The mind's own collective mind(b) the protozoic minds in various parts of the body(c) the metazoic minds in various parts of the body.“Therefore the human mind is a collective mind.” [Knowledge_and_Human_Progress.html](#)

⁴⁶ Bates, Raymond, [Macrogenesis, A New Paradigm in Consciousness](#), Published Raymond Bates, E-edition, © June 2007, turiya@gmail.com, , P 93

travel unimpeded throughout the universe⁴⁷. They are the cause of what we term organic or biological life⁴⁸.

Negative Microvita and Duel Creation

When we think of creation, we think of creation as relative to our known universe. If we look at creation of all universes from a microvita standpoint then we see two combinations of creation.

First would be the continuing macrocosmic evolutionary processes of Saincara and Pratisaincara. The primary cause and controller of all new matter in all dimensional universes is the supramundane energy of Jina Purus'a⁴⁹. New matter is created not through any nucleosynthesis process but through the homomorphic evolutionary patterning processes of Jina Purus'a in the material evolutionary cycle we call Saincara.

In Saincara we have sub-processes occurring where negative microvita combines in a homomorphic evolutionary patterning process that controls and produces the basic constituents of sub-atomic particle/wavicles. When the homomorphic evolution patterning process reaches the stage where creation of the minimal sub-atomic particle/wavicles is reached, then negative microvita of a specific type adds its quanta of energy and knowledge in its' algorithmic sub-assembly processes to create the fundamental particles that we observe in our universe.⁵⁰ If we ask where do these new wavicles of creation come from? We can clearly see these new wavicles and that those

⁴⁷ microvita also move and they recognise no inter-planetary, no inter-spatial, no celestial hindrance, impediment or barrier. microvita move; they recognize no impediment, no barrier, physical or supra-physical; but as their media are of inferential nature, so the movement has something to do with the physical world. [Mobility_and_Movement_of_Microvita.html](#)
[English]

⁴⁸ These microvita are the carriers of life in different stars, planets and satellites...[Microvitum_the_Mysterious_Emanation_of_Cosmic_Factor.html](#)

⁴⁹ There is an aura of thought-waves revolving around the Cosmic Nucleus or Puruśottama, the nucleus of the Saguña Brahma, as the result of which energy particles are created. [Vibration_Form_and_Colour.html](#)

⁵⁰ This negative microvita causes the creation of newer carbon atoms and other sub-atomic particles. [Smell_and_Microvita_Section_G.html](#)

specific types of pre-programmed algorithmic microvita originate from the same Cosmic Matrix.⁵¹

Once negative microvita has given up its energy and patterns to the evolving sub-atomic wavicles, the resulting microvita becomes known as neutral microvita although the resulting sub-atomic wavicles may not appear as neutral to our outside observations. Protons, neutrons and electrons (fermions) do not change. Atoms and molecules may change due to differences in time, place and person; such as electrical charges, angular spins, environmental changes, bio-chemical differences, etc. In all cases microvita remains the activator and not the basic controller of matter. Jina Purus'a Knowing – I (as subjective portion of the Cosmic Mind) is always the subjective patterning principle and controller behind all matter.

The other apparent viewpoint of creation is the re-cycling of the cosmic constituents of matter through the stellar process of nucleosynthesis. Here microvita are used in the stellar nucleosynthesis process as the re-activating and patterning forces to re-create the recycled components into what we observe as higher elements of mundane matter. Microvita here is the re-activating force of that of which we observe, not the primary cause of creation. Here we are speaking not in a philosophical manner, but in a practical manner. Philosophically speaking, Parma Purus'a is the creator of all dimensional universes.

In summary we have microvita entering at different places in the cosmological picture to create and re-create matter as we observe it. First in the Macrocosmic homomorphic evolutionary Saincara portion of the Brahmacakra cycle we have the original creation of fermions and sub-atomic wavicles. Then in the stellar process of nucleosynthesis we have certain types of algorithmic sub-assembly microvita re-combining and re-constructing matter into elements. But matter is not life. The creation of life occurs in the starting Brahmacakra Pratisaincara portion

51 Obviously, these microvita are emanations from the Supreme Entity. Crude_and_Subtle_Microvita.html. 1987. [Discourse taken from compiled notes.]

of the Macrocosmic evolutionary cycle⁵². From this relative microcosmic viewpoint of the cosmic cycle “microvita are a creation in the internal phase”⁵³. They create the breath of life in the physical structures of our universe. ⁵⁴

The Life of Microvita ⁵⁵

Look at some facts we know about Microvita with references pointed out and discussed in previous books.

Similarities

1. Microvita live and they die, like us
2. Microvita advance spiritually, like us
3. Microvita are in Pratisaincara, like us
4. Their mind coagulates around Factors; like our mind
5. They work on psychic and physical level; like us
6. They have 2nd factor energies, like us (pranah)

Dissimilarities

1. Microvita are in atoms
2. Microvita are psychic but not spiritual
3. They have collective existential I, we have unit existential I
4. Microvita come from Paramapurusha direct; we come from matter to mind.

⁵² “Now, what is the root cause of this universe? Which is the starting point of life or vitality? These microvita are the carriers of life in different stars, planets and satellites.”
Microvitum_the_Mysterious_Emanation_of_Cosmic_Factor.html (English1986)

⁵³ microvita are a creation in the internal phase[Saincara].

Microvitum_the_Mysterious_Emanation_of_Cosmic_Factor.html (English1986)

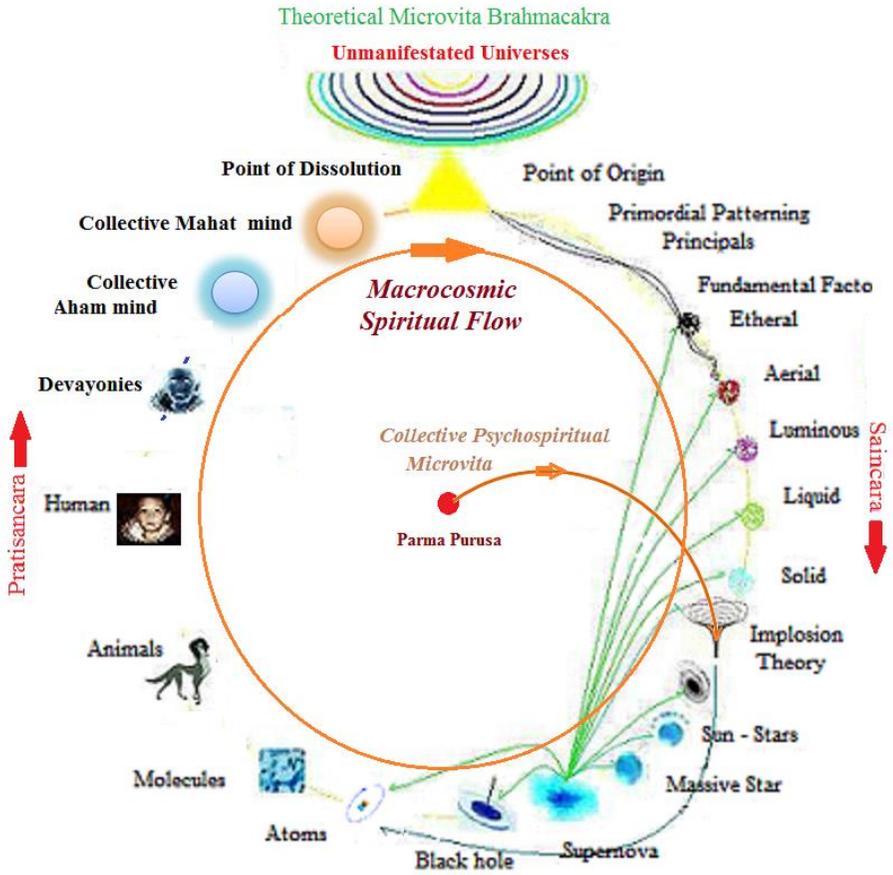
⁵⁴ “Of the three types of microvita, the crude type [negative microvita] are instrumental in emanating life throughout the cosmos. They create a stir within a physical structure.”
Crude_and_Subtle_Microvita.html 1987. Discourse taken from compiled notes.

⁵⁵Compiled from email to Pankaj and Rudesha Tue 5/17/2016 6:44 AM

Now ask yourself some BIG questions.

1. If Microvita dies where do they go?
2. Do they reincarnate, like us?
3. Our mind is Unit I—we can do Negative Pratisaincara (spiritually regress). Can Microvita do Negative Pratisaincara?
4. What is collectivity, in relation to microvita devas?

If we take this overall view point we can see an emergence of a pattern. They are not so much different than us in that they live and die on a much different level and they have much different type mind on that super-microscopic level. We can even draw a Brahmachakra for Microvita. Well how does one expand one's mind unless you ask questions and then find answers. Shrii Shrii Ánandamúrti tells us hints only in this area. He leaves it up to us to find intuitive answers. Not to makes up answers from the air. But to uses His facts and extrapolate.



Drawing of Theoretical Microvita Brahmachakra

You may notice there are no plants and trees in the drawing. That is not because microvita are not there. They are there physically; but this is a mental drawing of spiritual progression. Microvita mind is in atoms and of course then combined molecules, but inactive physically. Until microvita can gravitate mentally to where it has mental aham-mahat facilities strong enough to be used as endoplasm; it would not appear in the drawing. Endoplasm microvitic psycho spiritual coverage appears first in underdeveloped mind of nucleated animal organs and then evolves relatively rapidly towards collective devayonii minds.

CHAPTER 6 Bala as Gravity

Bala in both atoms and living structures

Prakrti/Shakti consists of only two controlling principles (gun'as), not three...because rajogun'a can be defined as a transient force⁵⁶ (never stable in the macrocosmic world) it is usually stable within the causal matrix of nirgun'a brahma. In the atom Prakrti in Saincara this force rajogun'a has become static (tamogun'a). Here I mean stable in the long term sense, like in atoms protons are stable. This is why atoms, (at least protons and neutrons in atoms) seem to be so stable. This resultant external pressure (force) from static Prakrti is known as bala.

Here Bala (as gravity) is the general name of the resultant two forces:

but static Prakrti continues exerting external pressure or bala on the unit structure. Consequently a stage will come when there will be little interatomic space within the solid body.

Concept_of_Gunabhivyakti_and_Jadasphota.html

and

In the process of centrifugal movement in sañcara, the material body composed of five fundamental factors comes into being. But even after that stage, the static Prakrti exerts her crudifying force. This external pressure from static Prakrti is known as bala. Concept_of_Gunabhivyakti_and_Jadasphota.html

And sometime generally (as here) it is called Bala showing 2 forces in atom.

The external pressure of the static principle on the aforesaid five factors is known as bala. As a result of this bala, two opposing forces develop, one centrifugal and the other centripetal in character.

Concept_of_Gunabhivyakti_and_Jadasphota.html

⁵⁶ Sorry I seem to have misplaced this reference

Actuality *centre-seeking centrifugal interial force* and the *centripetal* have specific Sanskrit names. Sometimes He refers to them as Vidya and Avida⁵⁷ or when the same force has an effect on the human mind⁵⁸ they are vikśepa shakti⁵⁹ and ávarańii shakti or centre-seeking force is called vidyá and the centrifugal force is called avidyá. Even kendrátigá⁶⁰ and kendránugá, or the concentric force or Vidya Shakti or centre-seeking force or samvit Shakti, another is hládinii Shakti in the psychic realm.

In the Human the resultant interial energy is a called práńáh or the vital energy that sustains all life.

Here Bala is gravity working as a force outside matter (in atom creation):

energy working out of the scope of matter is called Bala. When the force working outside matter gives external pressure, it is called Bala.

[The_Stance_of_Salvation_and_How_to_Attain_It.html](#)

and

the external pressure of the static principle on the... five factors is known as bala. [Saincara_and_Pranah.html](#)

This external pressure from static Prakrti is known as bala.

[Concept_of_Gunabhivyakti_and_Jadasphota.html](#)

So Bala or gravity is a general name, a resultant of Prakrti's crudifying force that exerts external pressure on the five rudimental factorials such as those composing the atom. Bala (gravity) is a resultant of two other forces within the atom. Two opposing forces develop one centre-seeking centrifugal interial force and the other

⁵⁷ And so far as this Cosmological order is concerned, the centripetal, or centre-seeking, force is called vidyá; and the centrifugal force is called avidyá. [The_Cosmological_Order.html](#)

⁵⁸ And the two influences of the centrifugal force on the human mind are vikśepa shakti and ávarańii shakti. [The_Cosmological_Order.html](#)

⁵⁹ Vikśepii shakti is the force that strongly repels an object from its nucleus. [Vaedhii_Bhakti_and_Shuddha_Bhakti.html](#)

⁶⁰ these two forces are functioning, kendrátigá and kendránugá, eccentric and concentric. [Radhika_Shakti.html](#)

centripetal in character. Generally they are referred to respectively as Vidya' and Avidyá.

In non-matter oriented ectoplasm (subtle mind stuff) He tells us about the two forces that vidyá (center seeking) bring us mentally closer to the Supreme Consciousness.⁶¹

But, with in the matter oriented parts of the atom the two forces are reversed in actions.

This [Macro]centrifugal force of Saiñcara results in the creation of a [micro]centripetal force in material structure. The more the process of Saiñcara advances, the greater its momentum, and the stronger the internal force of attraction within the structure. Saincara_and_Pranah.html 1958

“Here [in the atomic nucleus] microcosmic centripetal is center seeking, because it is a reaction to a macrocosmic centrifugal force⁶². Whereas, in the cosmic arena [Macrocosmic Brahmachakra in general] macrocosmic centripetal is an attractive force and center seeking to the Cosmic Nucleus.” *Macrogenesis P 55*

This [micro]centripetal force in material structure (atom) causes a “stronger internal force of attraction within the structure” atom. We don't know if this [micro] centripetal force (probably called [micro] avidyá) equates to the strong nuclear force in QED and QCD theories of atomic structures. We only know that there are two opposing forces in the microvitic atomic structure.

Bala as gravity is a resultant of two other forces. One (sometimes called interial (attractive [micro] centripetal fore) is center seeking or attractive static force that reacts with excessive outside forces⁶³ (like dense matter in heavy stars) and then dramatically switches to sentient force (See [Basic Proton microvitic structure](#)) in that case and we get jad'asphot'a (supernova). This straightens out the

⁶¹ Cosmic_Attraction_and_Spiritual_Cult.html 1958

⁶² This [Macro]centrifugal force of Saiñcara results in the creation of a [micro]centripetal force in material structure. The more the process of Saiñcara advances, the greater its momentum, and the stronger the internal force of attraction within the structure. Saincara_and_Pranah.html

⁶³ See [Chapter Bala as Gravity](#)

material waves; some to gravity waves and matter recycles, some as gravity waves and basic rudimental factors.

The atomic structure is formed and maintained by these two forces.⁶⁴The solid factorial body is the controlling faction (factorial) of the atom. If the battle of forces becomes interial (attractive [micro] centripetal fore) wins then a physical factorial nucleus is formed.

A solid structure is formed whose maintenance depends on external pressures.⁶⁵These are a description of the forces in the construction of the basic microvitic protium atomic structure.

Control of each structure (i.e. factorial structure) must be within the structure/factorial structure. Since there are five factorial structures the controlling pramatriconic nucleus must be considered within “composite body” of all five in the atom. The resultant interial in atomic terms is gravity/anti-gravity. “Requisite proportion” is balance of energy within the atom structure that determines the basic elemental characteristics of the basic element protium. What Shrii Shrii Ánandamúrti didn't say was structure holds in control independently the energy within each separate unit structure (here factorial structures) and the prama'tricon'a (mental nucleus) controls/balances the “composite body” (physical) of the five factorials.

Within the microvitic atom it is a balance of forces. Once the atomic basic structure is formed prama'tricon'a and the 6th subtle nucleus controls the balances of those forces within the microvitic atom. The name of the balancing psychic force is pramatriconic and is locate within the 6th subtle nucleus of any atom. It is discussed in [Atomic Pramatriconic control structures](#).

⁶⁴As a result of this bala, two opposing forces develop.... The centre-seeking or interial force tries to maintain the structural solidarity of the object, while the centrifugal one has a fissiparous tendency, that is, it tries to split up the object into thousands.
[The_Stance_of_Salvation_and_How_to_Attain_It.html](#)

⁶⁵When the force working outside matter gives external pressure, it is called Bala.
[The_Stance_of_Salvation_and_How_to_Attain_It.html](#)

CHAPTER 7 Quantum Microvita Colouring

Quantum Microvita Colouring ⁶⁶

We generally think of color in terms of visibility. But that is not at all the way Shrii Shrii Ánandamúrti thinks of color. He describes each and every object in the universe (including a quanta microvitem) as having vibration, sound, color and form⁶⁷. Color has a very specific place in each sub-atomic particle/wavicle.

Colour is not the only quality of sub-atomic particles/wavicles. Gun'as⁶⁸ are a form creating/modifying force that is present in varying degree in all forms of consciousness. The predominant gun'a that is a form creating force in all matter is tamah or the static creating force. Consciousness using this guna creating force makes consciousness particles take static shapes when vibrated by sound waves. Studies in the recent science of cymatics dramatically and visually show us that each and every change in frequency of sonic vibrations produce a different form in small objects. Small objects are the easiest to view as visual changes. These were two dimensional studies, space-time structures and shape along with vibration affects higher dimensional structures.

What do recent quantum studies in Quantum-Chromodynamics (QCD) pontificate? Not much really. They simply allow the nuclear physicists to hypothecate new theories that try to describe quantum mechanics of sub-atomic particles called quarks in terms of color and flavour, without consciousness being involved.

⁶⁶ Originally appeared in Crimson Dawn Microvita Edition Special Printed Edition January 2015 by this author, Published by: Ac. Vimalananda Avt.

⁶⁷ each and every expression of this universe has its own rhythm, its own vibration, its own sound, and its own colour, and thus it has its own form as well.
Vibration_Form_and_Colour.html

⁶⁸ These colours and sounds are indicative of different guñas or qualities.The_Intuitional_Science_of_the_Vedas_3.html

In Quantum-Chromo-Dynamics (QCD) theory there are both color charges and flavour charges. The dynamics of QCD uses the force that does not diminish between quarks (the strong force) as colour charges. Flavour charges define different masses, electric charges, and decay modes in quarks. These have no general attribute analogies to the raga-colour of Shrii Shrii Ánandamúrti. He relies solely on the self-assembling algorithmic organizing capacity of the microvita to assemble in a wave form of a particular vibratory frequency to create the basic sub-atomic particle/wavicles of elemental matter. Each specific frequency of sound waves causes a basic shape to form, from the masses of microvita. Billions of microvita are needed to form one basic sub-atomic particle shape. Vibration, spin and the innate static form shaping tamah forces cause the appearance of solidity from the solidified consciousness/energy matrix.

Shrii Shrii Ánandamúrti stated these very principles long before the science of quantum chromodynamics (QCD) or cymatics. He said “The attraction between one object and another is always chromatic, pertaining to rága (attractive harmonic force) or colour”. Here He specifically uses the words “attraction” and “rága”. This does not only indicate an attribute⁶⁹/quality/characteristic of attraction but also combines it with a chromatic or harmonic influence of “rága”. Raga is more specifically described as “that particular colour which can dye other objects also”⁷⁰. He further states that colour is not limited to specific vibrations as we think of colour but is always there⁷¹ in every object as raga.

If we summarize what Shrii Shrii Ánandamúrti sees as colour we find it is a chromatic or harmonic characteristic in every quantum particle that attracts other (particles) to it of a similar chromatic vibration⁷². Quantum microvita do exactly that when used in their capacity as self-assembling algorithmic sub-atomic particles. Their “dyeing” effect or “colouring” effect has the effect to attract other

⁶⁹ colour indicates the attributional difference. [Vibration_Form_and_Colour.html](#)

⁷⁰ [Spring_Festival.html](#)

⁷¹ And wherever there is any vibration, there must be some colour. That colour may or may not be visible, but the colour is there. [His_Reflections_Are_Everywhere.html](#)

⁷² The attraction between one object and another is always chromatic, pertaining to rága or colour. [Vibration_Form_and_Colour.html](#)

quantum microvita with the same self-assembling algorithmic characteristics to form the basic quarks required in modern quantum chromodynamics (QCD) theories. It takes only the exact vibration within the microvita matrix to allow the moglified consciousness to assume the material shape of elemental matter.

Recent Advances in Microvita Quantum Theory⁷³

Each of us have wondered how the rather philosophical terms that Shrii Shrii Ánandamúrti uses to describe the basic constituents of matter, relate to the real world as described by current physical scientists. We struggle to comprehend philosophical sounding terms like five rudimental factors, tanmátras, inferences etc. and see how they compare to physicists terms like gluons, fermions, quarks, flavours and gauge force carriers.

When we only take Shrii Shrii Ánandamúrti's physical description of matter to the atom/molecule level, we can utilize passages like "In order to ascertain the category of the physical elements an object belongs to, we will have to base our findings on the crudest of the tanmátras the particular object carries."⁷⁴ But tanmátras are sense-oriented; being those microscopic reflections of the five rudimental factors that reflect off the basic atoms. If and when the quantity of those microscopic tanma'tric reflections is great enough (like for example when we see the color green) only then will are we able to determine the classification of the atom. Just knowing that the atom contains the basic requirements of five rudimental factors, microvita, energy with structure and witness, identified by tanmátras... is not enough. Quantum microvita theory must reach beyond the level of the atom.

Some of the characteristics that Shrii Shrii Ánandamúrti gives to microvita in its smallest microvita type of description are that it is

⁷³ Originally appeared in Crimson Dawn Microvita Edition Special Printed Edition January 2015 by this author, Published by: Ac. Vimalananda Avt.

⁷⁴ Chapter_2.html

point-like in size and living⁷⁵. In other words it is so small that it practically has no mass, but is a source of life. A lot of quantum particles can be described as have practically no mass like the photon, gluon, higgs boson and many more. But no physicist will describe them as life giving. We need to look at microvita completely differently from only size.

To reach into the basic constitutes of microvita quantum theory, we must understand how microvita relates to the basic quantum particles that compose matter. Currently that appears to be in relation to how Shrii Shrii Anandamurtiji describes matter as having “mass and wonts”. Do quarks and bosons have wonts? Do quantum particles and other physical rocks have wonts? Interestingly enough, they do. Only modern quantum physicists haven’t recognized them, yet.

If we look up the usage of wonts in a typical thesaurus/dictionary it will indicate the normal materialistic usage of *characteristic*. Shrii Shrii Anandamurtiji did not typically use materialistic definitions. Here Shrii Shrii Anandamurtiji shows us in an English discourse that matter has both characteristics and wonts. “The characteristics and different wonts and specialties of energy are quite different from those of matter.”⁷⁶ If we try to match English usage that would fit His more psychological descriptions, the phrase *characteristic desires* would more aptly apply wonts.

Wonts can be described as *characteristic desires* particularly in the case of quantum particles. So then, if we just categorize the basic few hundred quantum particles by wonts, then do we have the answer? Well not exactly. Just to classify by wonts will not give the answer. We must know how those wonts come about. That is where microvita comes in.

What are microvita at the quantum level? A microvita (singular) starts at the quantum level, but it doesn’t stop there, because

⁷⁵ “Considering that microvita are living entities, they have bodies, though their bodies are as subtle as idea.”

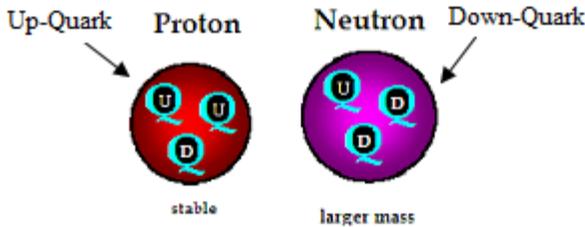
⁷⁶ Matter_and_Abstract.html.

a microvita is a living quantum. A microvita has some particular qualities that will allow it to group together, modify and expand. We see the expansion part more physically when microvita take on energy as a force carrier and affect even biological systems. How microvita group together and modify physical quantum particles, takes a little more explanation.

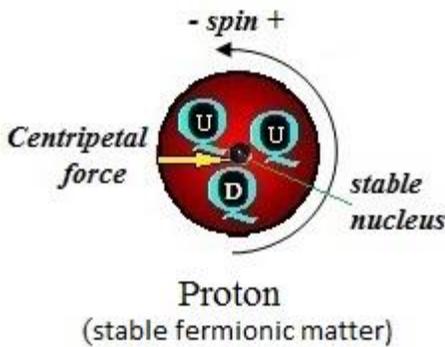
Shrii Shrii Anandamurtiji explains to us that microvita do not have the same type of unit individualistic mind as we have. They have a collective mind. Not the mind of a mind-less drone like in *Starwars*. No, a collective mind that works in concert with other similar types of microvita. There are also myriad types of microvita. (See detailed explanation in other works by this author). How can we sum up these basic characteristics of microvita in a comprehensible phrase?

A quantum microvita particle is a self-programmable algorithm a template (in the sense RNA/DNA is a biological template) that actually changes as it creates its program. It changes in accordance with the environmental necessities and/or when it combines with other quantum microvita. Shrii Shrii Anandamurtiji has described how microvita has intelligence, but that can be very simple in terms of a self-programmable algorithm like a template that modifies along certain parameters. Microvita doesn't "take on" outside physical characteristics...it groups together and creates those physical characteristics that we sense as matter.

Let us look at some of the basic combination of quantum characteristics that make up ordinary matter. Ordinary matter consists of quantum particles called fermions that have common characteristics of a rest mass within a few orders of magnitude of each other, spin (angular momentum) of positive $\frac{1}{2}$, electric charge and are considered stable in time. Some other basic quantum particles (and fermions) like antiparticles, neutrinos; strange & charmed quarks, etc. are not stable, may have negative spin and are not ordinarily detectable except in special circumstances.



2 Up-quark + 1 Down-quark = Proton
 2 Down-Quark + 1 Up-quark = Neutron



Drawing ordinary quark matter

Only relatively stable basic fermion particles are sense-detectable (reflect tanma'tras) as matter in elements (up-down quark & electron).

The qualification of *sense detectable* is made here as pertaining to basic stable fermions that are perceivable to our expanded senses such as by using a powerful electron microscope. Other types of fermions and matter (like anti particles, neutrinos, strange & charm quarks, etc.) are detectable, but have such a very short mean lifetime that they are not detectable to our normal senses.

Why do we limit *sense detectable* as a parameter to describe quantum microvita theory? Because Shrii Shrii Anandamurtiji described the creation of matter, mind and the universe in terms of simple characteristic desires and those characteristics involving matter are generally sense detectable. This approach allows quantum microvita theory to describe how fermions and bosons combine to

create baryons (protons & neutrons) that are the basic constituents of matter as we sense it.

Let us look at how microvita can create and modify these physical characteristics of the basic quantum material particles. Consider microvita at the quantum level as a collective self-programmable algorithm, a template in a quantum positive microvita particle traveling at faster-than-light speeds⁷⁷ that can have its energy transmuted through the process of svaru'pa parin'a'ma, or homomorphic evolution. When a positive quantum microvita (with full integer positive spin) drops its speed too slightly less than faster-than-light speeds, it changes vibration/wavelength and it takes on a more angular spin⁷⁸. Fermions (the constituents of ordinary matter) are defined as having a positive $\frac{1}{2}$ total angular momentum. Many fermions and other basic quantum particles like antiparticles, neutrinos, strange & charmed quarks, etc. will be erratic or not stable and have a very short mean lifetime and may have a different spin. A quantum positive microvita (singular) particle traveling at faster-than-light speeds has no rest mass and no EM charge and full integer positive spin. When a quantum positive microvita (singular) particle impacts the physical world then the internal total angular momentum decreases to positive $\frac{1}{2}$ (as all fermion particles) and the speed drops to slightly less than faster-than-light speeds. The positive spin quantum microvita particle increases in mass and density as the speed decreases in the material world⁷⁹. Now it has all the physical characteristics of an up quark (2 required for each proton, 1 required for each neutron).

⁷⁷ Microvita also move and they recognize no inter-planetary, no inter-spatial, no celestial hindrance, impediment or barrier. [Mobility_and_Movement_of_Microvita.html](#)

⁷⁸ [author's editions in brackets] The greater the speed, the less will be the [systaltic or vibratory frequency] angle created by it. [Mobility_and_Movement_of_Microvita.html](#) [here systaltic means angle of the vibratory wave or we call frequency]

⁷⁹ [author's editions in brackets] "...and as a result of the angle [sharp systaltic angle, increased frequency] created by negative microvita in the mutative world [of matter] or in the mutative portion of any structure, that mutative entity [here quantum impacted structure] is to undergo a certain metamorphosis. Its arena decreases, its density increases [because spin changes], and as a result it is slowly transmuted into staticity [becomes stable microvitic quantum particle, in this case]..."
[Mobility_and_Movement_of_Microvita.html](#)

The basic differences between a stable up quark and a stable down quark (2 required for neutron, 1 required for proton) is in isospin and electromagnetic charge. In the creation of the other stable particle (down quark that is necessary in stable fermionic matter), changing the opposite isospin can be a function of electric charge and electromagnetic interactions. Isospin is linked directly to the different electric charges of all fermions by the formula $Q = T_3 + Y_w/2$. Electric charge is a function of the electromagnetic force and depends on the environmental conditions that can vary in different places. The variance in electric charge seen in the different fermions of ordinary stable matter is a function of environment or place. This means that isospin could be changed to negative at the same time that charge is added to the basic quantum microvita particles. This could be within the same environment where the quarks are combined into the basic constituents of matter baryons (protons & neutrons). The quantum positive microvita particle (up quark) has now taken on the physical characteristics of a down quark⁸⁰. We can now label it as a negative quantum microvita particle⁸¹. In modern physics 2 down quarks and 1 up quark compose a neutron. Protons differ from neutrons principally in their values of their electric charge.

One of the other requirements for stable matter is electrons. Electrons are fermions also. They only vary from down quarks (negative quantum microvita particle) in having a speed very close to speed of light (at that speed they have slightly less rest mass than down quark) and increased EM charge. Electric charge is again a function of electromagnetic interactions and environment.

How are basic the individual quantum microvita particles glued together? Physics uses the term bosons or force gauge carriers. Earlier in the article it was mentioned that quantum microvita (singular) particles have a characteristic of collective mind that works in concert with other similar types of microvita. This is why the term self-programmable algorithm is used. When large groups of similarly pre-programmed algorithmic positive microvita clump together, this

80 [About negative MV] "In their movement they touch all the static items of the physical world..."
 Mobility_and_Movement_of_Microvita.html

81 Same as footnote above

enables the grouped microvita (plural) to have a relatively large mass typical of the gauge force carriers (bosons). Normally these are very short mean life particles with very large rest mass. Here environment, time and speed are critical. Bosons are very short lived force carriers (except photon). Here the faster-than-light self-programmable algorithm positive microvita takes on a different programmed aspect. The full integer spin faster-than-light self-programmable algorithm microvita clump together (even 20 would be typical) in about 1×10^{-16} seconds and combine with other differently programmed microvita particles (up quark & down quarks), while dropping below faster-than-light speed. They did their duty and transferred their energy/force to the now more stable quantum particles of matter.

There is always an exception. Photons. Although photon is classed by physicists as a boson (force carrier) they have no mass, no charge, stable and have full integer spin. Photons fit into microvita quantum theory as the basic positive quantum microvita particle (full integer) spin no rest mass, no EM charge and stable. Photons are not bound to matter and are normally stable, moving at light speed and collecting energy/mass when we view them as light particles. Photons appear to have the most pure microvita quantum characteristics of any other quantum particle. Fermions of electrons and quarks both make up ordinary matter, both travel at slightly less than speed of light and this allows them to have a slight rest mass but they are usually found tightly bound in hadron expressions.

In summary, we can see how Shrii Shrii Ánandamúrti's microvita fit into modern quantum physics theory. Different types of self-programmed algorithms allow different types of microvita to form the basic quantum particles that make up ordinary stable matter from the ubiquitous basic positive quantum microvita particle. Microvita types can group together to form higher mass force carriers. Change in speed causes density and different total angular momentum and isospin changes. Still we have a long way to go, as all theories must be proven in practice.

If we look at the entire cycles of microvita in the Macrocosmic construction of atoms, we find the sub-assembling and intelligent design of the microvita function differently in different roles.

When assembling the atomic nucleus in Saincara each microvitum is attracted to the different factorial by pre-programed vibrational differences in the individual microvitum. This is a physical function. When sufficient quantity if microvita are attracted to their respective nuclei the subtle collective mind of the microvita forms a control nucleus. This control nucleus is called the 6th nucleus of the atom even though it is a collective subtle mind mental function. This subtle 6th control nucleus controls three things.

1. It controls the prama energies flowing between the five nuclei. It keeps pramatrionic balance between the five different factorial nuclei. This is most important when energies flow from one factorial container in accordance with the environmental requirements to change states of matter.

- 2 It controls changes in the microvita swarm. Microvita swarm varies in accordance with the concerning electromagnetic fields and is responsible for electric charge and isospin of the atom.

3. The third function of the subtle collective nucleus is in adjusting this microvita swarm vibrationally and electrically to conform in combining elements and molecules.

The first two points we have covered above, now we will look at the actual methods of how pramatrionic forces control the factorial nuclei in the structure of an atom.

CHAPTER 8 Atomic Pramatrikonic control structures

General Atomic Pramatrikonic control structures

Atomic formation review

In the above articles we saw how microvita creates the changes that physicists see as the basic constituents of atoms. Cosmic Mind created microvita with a collective intelligent mental sub-assembling algorithmic structure. They collect together to form the basic atomic structures (or sub-atomic if you prefer). They collect together because of their collective mind. They create and control because of their intelligent sub-assembling algorithms.

We saw where raga (color) is an attractive harmonic force. Where electric charge is a factor of electromagnetic environment and controls the basic isospin in what physicists label as quarks and isospin is the basic difference in the basic constituents of matter baryons (protons & neutrons). The last requirement of what physicists need on atom formation is gauge force carriers (bosons). We saw how microvita can act as gauge force carriers and hold the nucleus together. Here under “*Atomic pramatrikonic control structures*” we will see how they hold the microvitic basic five rudimental nuclei together into one basic atom of protium.

Prama in control structures

In microvita theory atomic structures are controlled in two ways.

1. Control the pramatrikonic balance of energy between five factorial nuclei using the collective subtle minds of the included physical microvita as an overall collective controlling nucleus for the atom.
2. Raga as vibrations (Shrii Shrii Ánandamúrti uses the term raga-coloring dyeing effect) that holds together the different atom formations of *elements and molecules*.

Atomic pramatriconic controls only the five rudimental factorial structure of a single atom.

Nuclei formation with raga

The original formation of protium atoms uses the subtle collective mental aspect of microvita with a preprogrammed intelligent sub-assembling algorithmic structure using what Shrii Shrii Ánandamúrti calls raga (color) as an attractive harmonic force to assemble each of the five rudimental factorial nuclei to coagulate around the concerning nuclei. This overall controlling subtle mental portion of microvita becomes the sixth or subtle controlling nuclei center.

This means that the actual ratio of microvitic preprogrammed sub-assembling algorithmic microvita attached to/coagulated around each factorial nucleus can be determined from the tanmátras that we observe in elements. We observe tanmatra in two ways from the microvitic atomic structure. 1. Reflections/refractions of the attributes or qualities from the solid factorial nuclei; like smell, taste, color etc. 2. These same tanmátras appear as different ordinary colours as the result of energy quantum shifts in the different five individual factorial nuclei in the atom. (See [Five factorial nuclei distribution](#)) Energy quantum shifts happens when elemental atoms combine with other elements.

Element and molecule formation

As we know from standard vibrational analysis that specific vibrations controls forms, and controls specific structures. In this respect as an example, elements with preponderance of liquid and aerial factorial microvita sub-assembly programs would form/coagulate around the 2nd and 3rd factorial nuclei in the structures of Hydrogen and Helium during the stellar nucleosynthesis process. This is for the basic vibrational formation of higher elements only.

Secondly in elements and molecules, raga (collective chromatic vibrations) allows a common vibrational matrix to form the elemental atoms of elements, and afterward the molecular structures. A quantum microvita particle is a self-programmable algorithm a template (in

the sense RNA/DNA is a biological template) that actually changes as it creates its program. It changes in accordance with the environmental necessities and/or when it combines with other quantum microvita.⁸²

Actional control, over the properties displayed by the different elements in different environments (states of matter) is formed in a different manner. There is an overall controlling pramatriconic nucleus. This is a subtle mental microvitic nucleus (not physical as the individual factorial nuclei) that controls the overall harmonic vibrations of the element. This we call the sixth nucleus.

Sixth nucleus formation

Above we are talking about the sixth nucleus in the atom as being a subtle mental controlling nucleus. How can a mental nucleus form solid etc. factorials into solid structures? We must remember two things here. What does this subtle controlling nucleus consist of and secondly how did it get here? It consists of microvita (of four parts), but the material/physical part of the microvita has not formed yet because it has little or no physical energies (at this point). Energy is what matter consists of; it's what matter is made of; but what scientists don't consider is all energy is not the same.

Now, how did the microvita get here? We know that microvita comes directly in the atom forming process from Cosmic mind and we know it is injected into the atom forming area in Saincara. We know that all microvita are not the same. We know that microvita have intelligently designed programmed sub-assembling abilities and they are differently programmed. So what we really have is different types of microvita being attracted on different Macrocosmic inferential waves (those are the most powerful waves, not perceivable by us, like causal matrix background type waves). In other words, the microvita are mentally guided towards the correct physical factorial nucleus carrying small quantities (quanta) of energy. Since microvita are of a collective

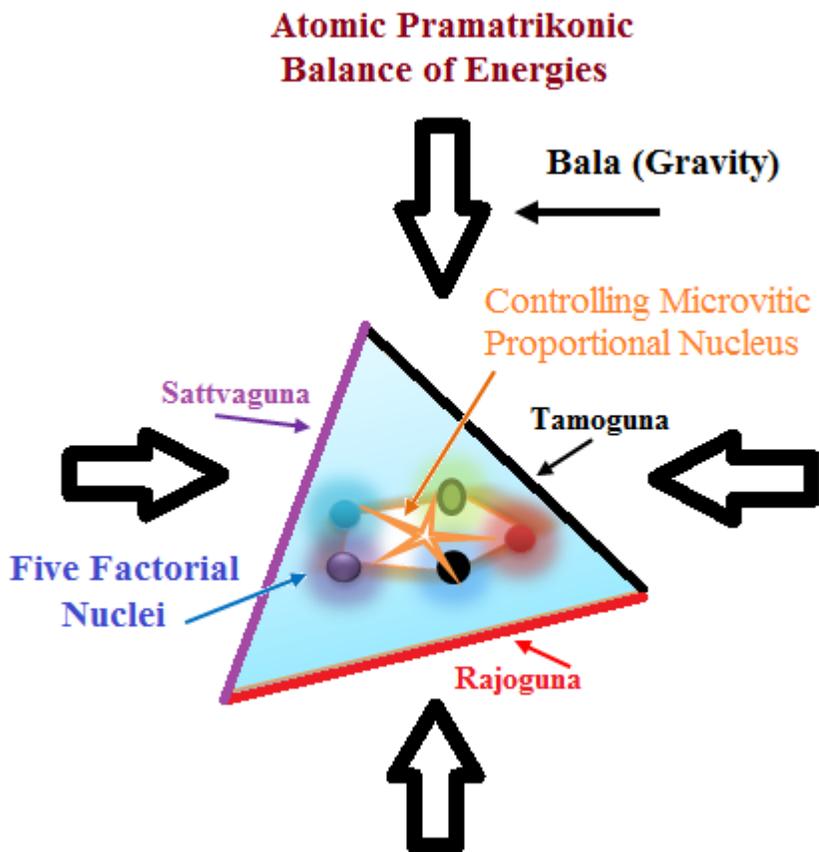
⁸² This statement originally appeared in Crimson Dawn Microvita Edition Special Printed Edition January 2015 by this author, Published by: Ac. Vimalananda Avt.

mentality, the mental portion forms the sixth nucleus in the atomic structure. This is the controlling structure that balances and holds the entire atomic structure together; holds the atom together by using a combination of pramatriconic forces and balancing the energies between the five physical factorials.

Maybe an example of what would happen if these five nuclei were not balanced would help us to see what is done by the sixth controlling nucleus. If these microvita were not pre-programed to be attracted to certain level of factorial vibrations then they would randomly gravitate towards any factorial. That means that the universe we perceive around us would appear differently. For example if most microvita should go towards the third factorial (not fifth-solid factorial as in our world) then the luminous world would appear to be dominant around us. We would perceive mostly bodiless minds and the world would appear ghostly.

In conclusion, in Shrii Shrii Ánandamúrti's atomic world, the structure *must* contain the five physical nuclei in requisite proportion because the solid (fifth) factorial nucleus has the ability to reflect/refract all the tanmátras (making it perceivable to us). As we saw above, if the atom only contained say top three factorial nuclei in the atom then the world would not appear solid. Lastly, if the factorial were randomly programed then the world might appear mostly (as in above example), luminous.

We must remember that pramatriconic is *mental* control in “equilibrium and equipoise in psychic faculty and mass” maintaining a triangle of equilibrium within the concerning structure. In atom the physical structures are factorials of different energies. Pramatriconic control is a subtle mental microvitic based control maintaining a balance within the structure. Here is schematic drawing of pramatriconic control with 6th psychic nucleus:



Drawing Atomic Pramatrikonic control structure

Macro-microcosmic Pramatrikonic structures

First, I must remind the reader of the difference between Prana and the similar Sam'skrta-English sounding word Prama.

Prana is the supramundane energy that when used as Pranah, means specifically the 2nd factorial level energy that is used to balance energies in biological life or animated structures. Whereas Prama is

the force or forces that causes this “dynamic equilibrium and equipoise” in many spheres not just microvitic.

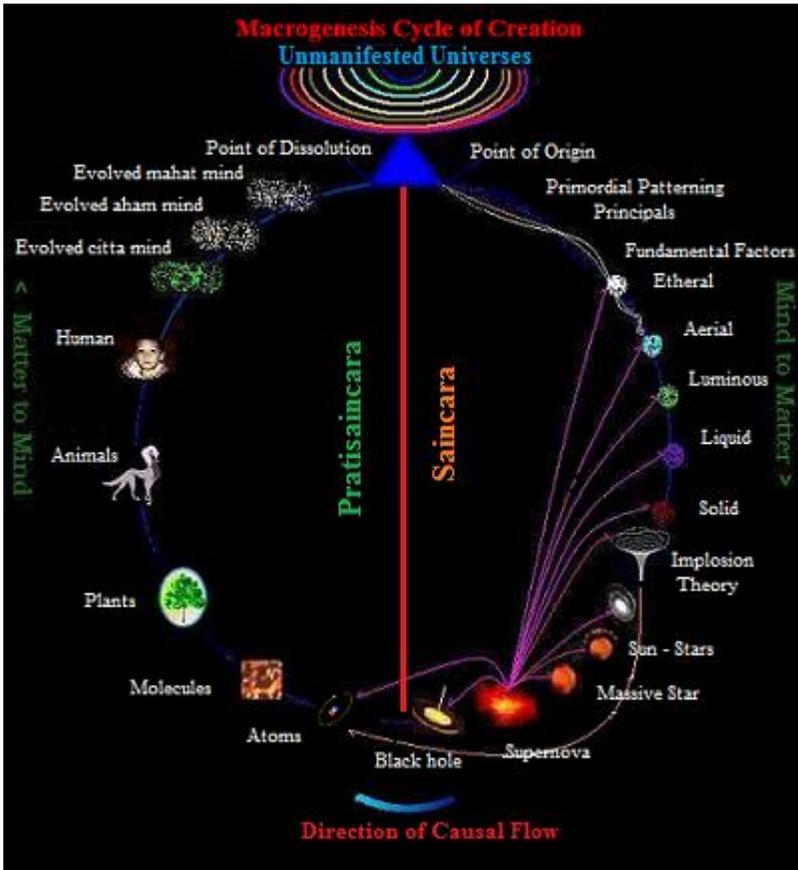
Before we can show how prama uses pramatriconic control in the atom we will have to understand how pramatriconic forces work in the Macro & microcosmic worlds.

Macrocosmic structural review

We determine what these actual structures are, from our understandings of the meaning of Macrocosmic, microcosmic and the standard cycle of Brahmachakra with Saincara and Pratisaincara.

This will be combined in more detail including exact definitions and descriptions along with His new structuring of the mundane and supramundane worlds as given in *Microvita and Cosmology* in my new forth-coming book called *Microcosmology*. Please note that the *Microvita and Cosmology* lecture does not structure the spiritual worlds (only supramundane and mundane). Prama is a supramundane psychic balancing of all energies in the physical and psychic worlds around us. These worlds are in Pratisaincara. They are dynamic and moving worlds. Pramatriconic balancing forces use microvita as the active Doing I force to balance these worlds overall. The world of Saincara and atoms is a static world controlled directly through protah yoga control of the Cosmic Mind. Here Pramatriconic forces balance the atomic energies of the five factorials in the atom, not by moving microvita between areas but by using the subtle algorithmic minds of collective microvita as a 6th subtle psychic nucleus to balance the forces in the atom.

Shrii Shrii Ánandamúrti’s overall Macrocosmic structure includes the overall theories of Saincara and Pratisaincara included in one overall drawing of Brahmachakra. These have been discussed at some length in the previous works and I will not reiterate it here. Here is the basic overall drawing:



Drawing Macrogenesis Cycle of Creation

Notice in the overall cycle of creation that the Unmanifested universes flows into the Manifested Macrocosmic universe. On one side we have Saincara (matter to mind) and on the other side we have Pratisaincara (Mind returning to the point of origin and the starting the cycle over again). Here the overall view is considered Macrocosmic and includes the microcosmic items. Microcosmic includes everything that appears in our universe and worlds including atoms.

Structural Bifurcation

For purposes of use in atomic structures, we need to enumerate different individual and supramundane cosmic propensities, so we can see *how and which types* of microvita controls them.

In Shrii Shrii Ánandamúrti's new cosmology in the *Microvita and Cosmology* lecture, He bifurcates the Supramundane and mundane (Macrocosmic and microcosmic) world items of subjective and objective. This is not an ordinary way to bifurcate divisions, by splitting the subjective and objective. This is to allow Him to show (later) how the Subjective world was before (in the old before microvita philosophy) simply sometimes known as "Knower I" whereas now He can show how microvita is part of both the Macro & micro cosmological worlds. This is why He divides Knower I into two Subjective parts showing that each Subjective controls and makes different Objectivities in our microcosmic world around us.

Let us regress for just a moment and show how He showed the original chalkboard divisions of the unmanifested worlds/universes into the Manifested world of Macrocosmic Brahmachakra. As far as can be determined He never said specifically whether or not the Unmanifested included such concepts as multi universe or parallel universes. Logic would seem to dictate that as multi universe or parallel universes would have to be manifested and therefore included in Macrocosmic aspect. Here this drawing is copied from the original drawing:

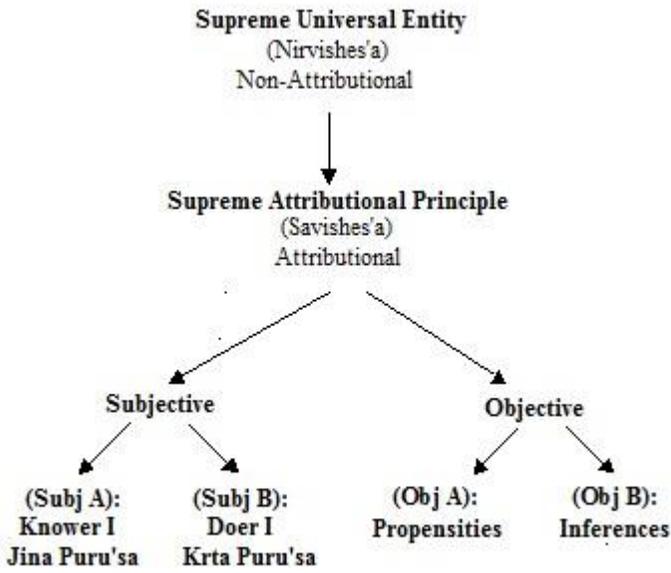
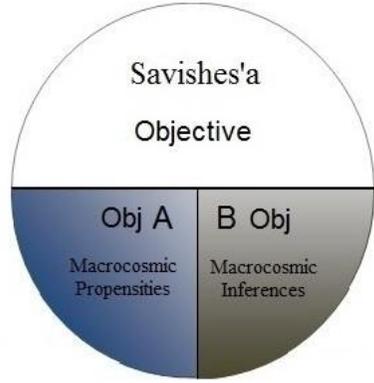


Diagram 3 Macrocosmic Bifurcation

Shrii Shrii Ánandamúrti's Macrocosmic Bifurcation

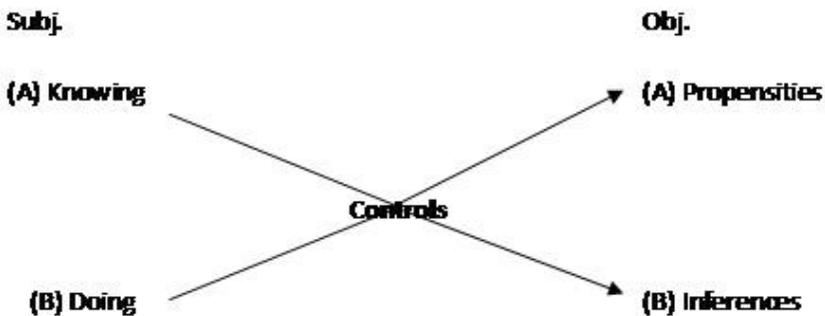
Herein above it shows the unmanifested (Nirvishes'a or Non-Attributional) becomes the Macrocosmic universe of Attributional (Savishes'a). He further divided the Macrocosmic Attributional universe into a two Subjective (philosophical & unobserved) and the two Objective (known) portions. If we take the Subjective and Objective portions and use the *exact words* He used in *Microvita and Cosmology* seminar to describe these portions; it could be divided and shown like this; a Subjective portion and an Objective portion:



Macrocosmic Supramundane Subjective-Objective

This is the Macrocosmic divisions. They don't help us in the real mundane world unless we know exactly what they are Sub. A & B and Obj. A & B. We will discuss that in detail shortly, for now we need to know 'why' he made these divisions (called bifurcations). Simply stated they were to open up our minds and show us graphically how and where microvita fits into the Macrocosmic and (later) the microcosmic mundane worlds around us.

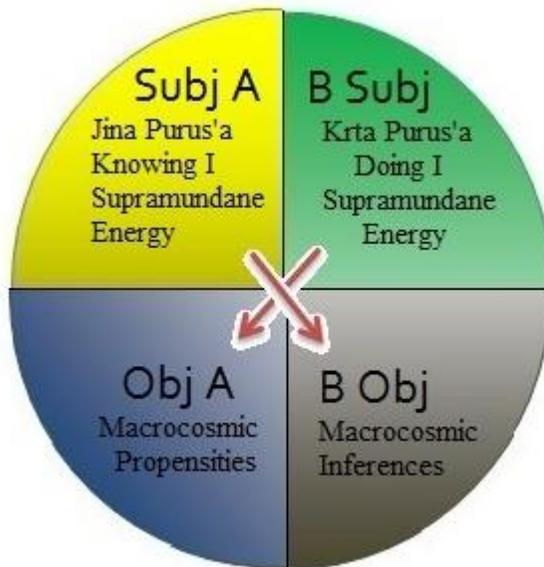
He made a further chalkboard diagram about the Macrocosmic Supramundane world. The original drawing look like this:



Shrii Shrii Ánandamúrti's Original Control Structure

Below is a very simple drawing showing a basic control relationship of the same Supramundane Macrocosmic Subjective worlds and *how* they control (and later make) the Objective worlds around us. Later under microcosmic Objective will be shown the exact quotes of how matter is made using microvita and Knowing I Supramundane energies.

Let me for now put this in a different prospective. We will place the same Subjective supramundane macrocosmic on top and what it controls with the same Objective worlds below. The arrows taken from His original control drawing will indicate which controls what.



Combined Subjective-Objective Showing Control Structure

From this combined drawing it can be clearly shown that microvita (subjective B) controls and makes the Macrocosmic propensities. What are these Supramundane Macrocosmic

propensities? For purposes of this limited discussion we will use the exact words He used in His Microvita and Cosmology seminar.

General types of bifurcations

We must realize that in talking about structures being bifurcated, that there can be two different types of bifurcation. First we can follow Shrii Shrii Ánandamúrti's example of structures being bifurcated. We can see how He takes structure say Subjective A and shows it bifurcating into 1. Knowing I (knowledge principle) and 2. Supramundane Energy (types of supramundane energies) for our example (See Shrii Shrii [Anandamúrti's Macrocosmic Bifurcation](#)) above. The same with Subjective B. We can bifurcate into 1. Doing I (actional microvita) and 2. Again, supramundane microvitic energies. We can do this in all Subjective and Objective categories, following the description of each given in discourses as we did in above drawings. This is not an ordinary type of bifurcation.

This type of bifurcation will lead to a place where we can combine parental bifurcation into one structure where we can cross examine each bifurcated portion in accordance with His cross examination structure of cross control (See Shrii Shrii Ánandamúrti's [Original Control Structure](#)). This will then structurally verify that each decision for a particular bifurcation is in fact correct decision because we can see from the control diagram whether it is true or false in the objective world around us.

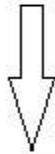
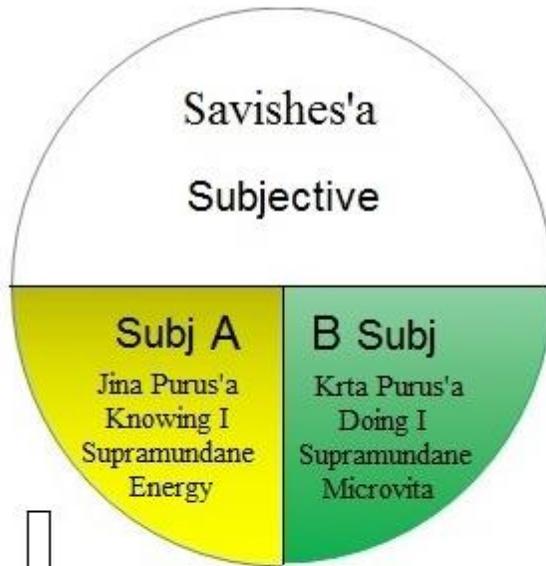
There is also another type of bifurcation. This is what I refer to as parental bifurcation. Using the above bifurcations of Subjective A we can see where the qualities are passed directly to each descendant. Here we are tracing the structure of cause and effect of creation we can see that certain qualities are carried parentally directly to the next generation of bifurcation.

Here we see that the Knowing I or Subjective A is a type of cosmic energy having intelligence of intelligent design capabilities. He states Subjective A Knowing I is the "subtlest form of energy" [here supramundane] and that when it comes into the lower "Known"

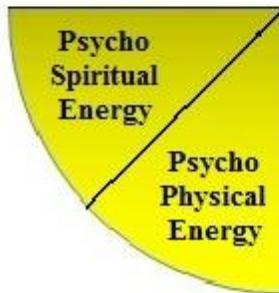
objective portions of creation it can be labeled (here bifurcated) into psychic and psycho-spiritual energies. He is not saying here what it controls; we know from other passages that it controls Objective B Macrocosmic Inferences.

This shows what we call a parental bifurcation. That is Subjective A distributes its qualities or attributes of intelligent knowledge and supramundane energies direct to the next parental bifurcation level. They are described as psychic and psycho-spiritual energies. We can call this the level of eight bifurcations because all four above bifurcations are divided into eight bifurcations.

For example the qualities of supramundane energy combined with knowledge would be passed parentally directly to the next subdivisions (or bifurcations) of Subjective A (Knowing I-Supramundane Energies) as Psycho spiritual and psychophysical (including physical) energies. This level is not supramundane, it is psychic energies that can be used in this mundane level worlds. It is the Knowing I becoming the Known I of the microcosmic mundane world. In drawing form it would look like this:

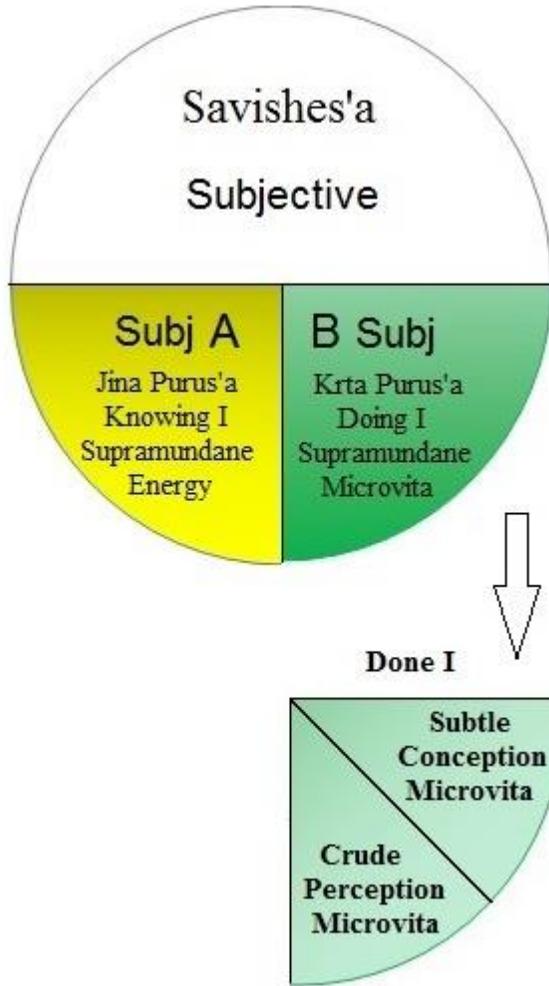


Known I



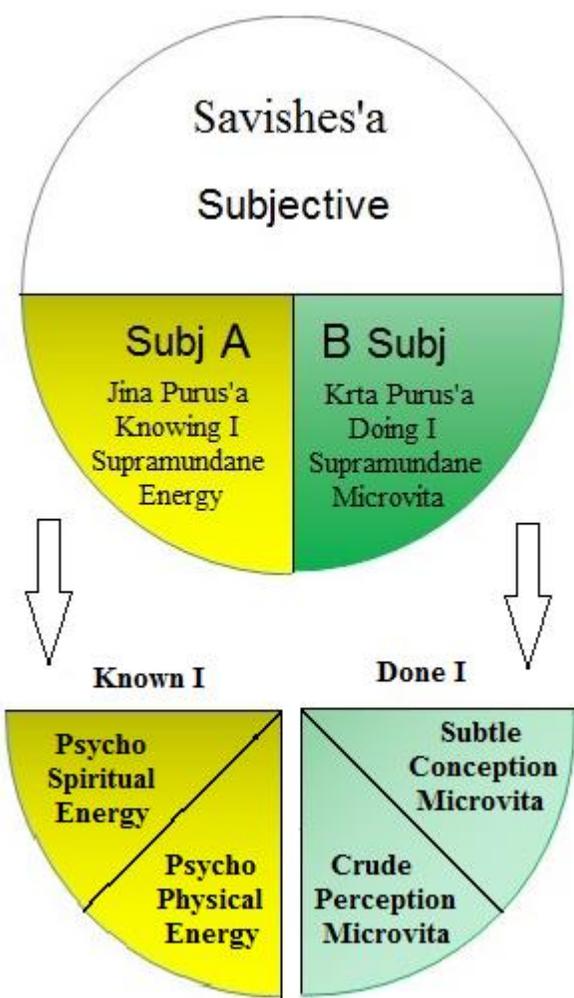
Subjective A Parental Bifurcation view

In the same way Subjective B supramundane Doing I microvita can be parentally bifurcated into its two subdivisions like this:



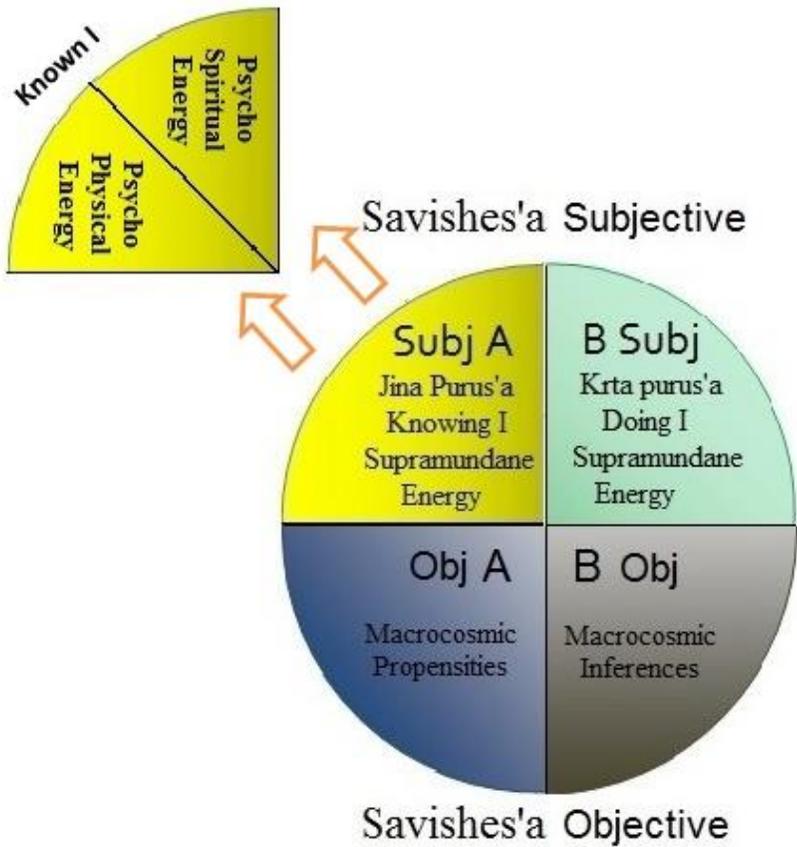
Subjective B Parental Bifurcation view

Combined Subjective A & B parental bifurcations would appear like this:



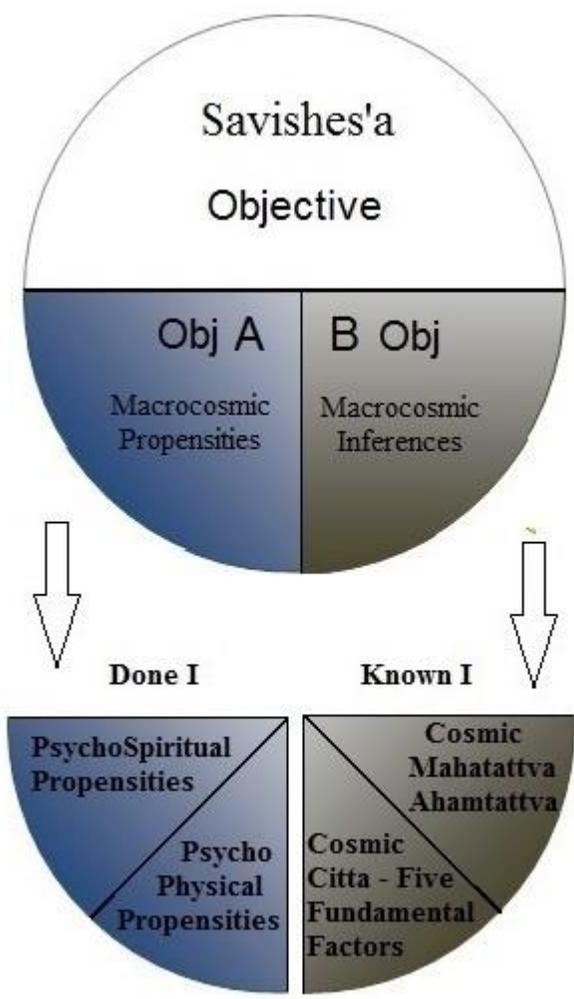
Subjective A & B Showing Parental Distribution

At this point we will place the Subjective parental bifurcations on top (where it originally was) like this:



Subjective A Combined Macrocosmic Parental Bifurcation view

Continuing this bifurcation to the supramundane Objective A & B items that Shrii Shrii Ánandamúrti outlined in His *Microvita and Cosmology* seminar we get this:



Objective A & B Showing Parental Distribution

We saw above where the Macrocosmic Subjective A & B were placed on top of Objective A & B in the [Combined Subjective-Objective Showing Control Structure](#).

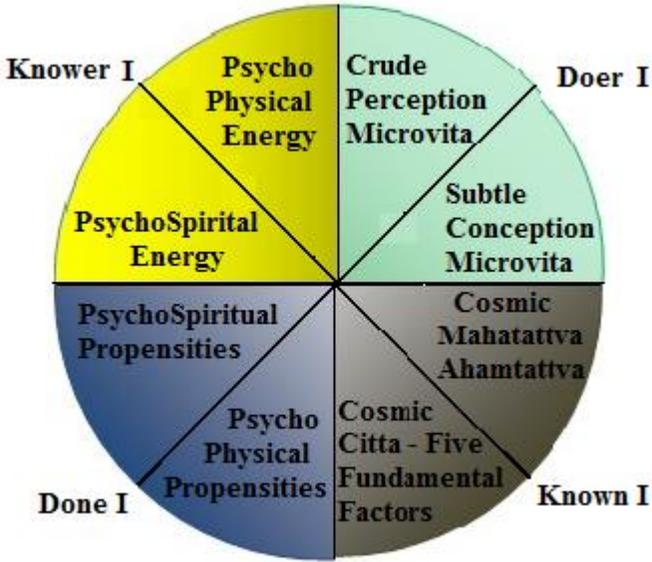
Up until this point these are the eight bifurcations of Savishes'a (attributes) that have been dictated by Shrii Shrii Ánandamúrti:

- Psychospiritual Energy
- Psychophysical Energy
- Subtle Conception Microvita
- Crude Perception Microvita
- Psychospiritual Propensities
- Psychophysical Propensities
- Cosmic Mahatattva & Aham'tattva
- Cosmic Citta with 5 Rudimental Factors

We can also place the Subjective on top and Objective on bottom to create a single composite level eight microcosmic parental bifurcation view. This view will help us later in checking the validity of the bifurcations on the level of eight.

Lastly let us combined both supramundane Subjective and Objective parental bifurcations of the Macrocosmic view in their 8 parts we will call a level eight combined view. A combined parental bifurcation view looks like this:

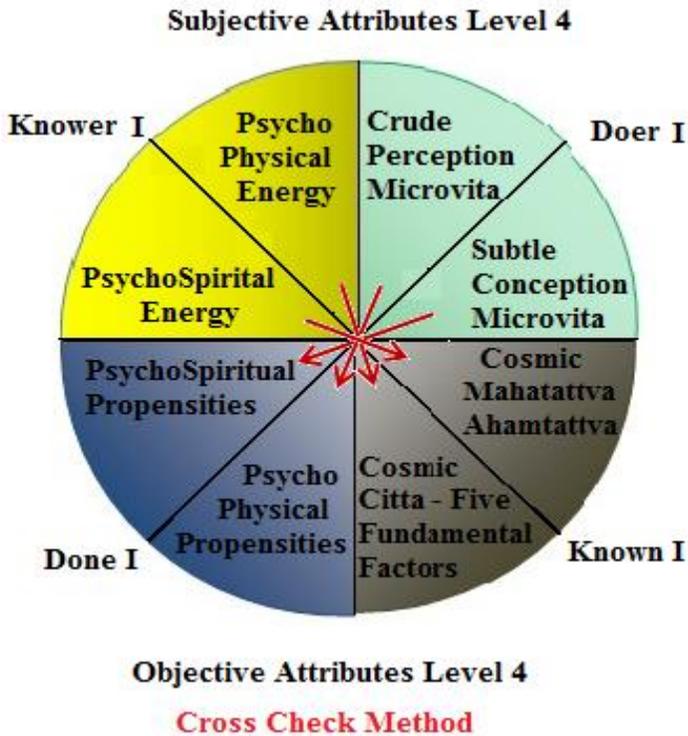
Subjective Attributes Level 4



Objective Attributes Level 4

Subjective-Objective Attributional Combined Parental View

This will allow us to check if we have the correct bifurcation structure by adding the control lines as we did for the [Combined Subjective-Objective Showing Control Structure](#) above.



Cross Check Method showing Level 8

Let us check that these are the correct bifurcations logically.

1. Does supramundane Knober I that parentally bifurcates into psychospiritual & psychophysical energies logically control the two Macrocosmic inferences?
 - ✓ Psycho spiritual energy controls the Cosmic Inferences of Mahattattva & Aham'tattva. Yes.
 - ✓ Psycho Physical energy controls the cosmic citta the five rudimental factorials inferences including atoms. Yes.

2. Does the supramundane Doing I of microvita parentally bifurcate into crude (perception) & subtle (conception) microvita and control the world of Macro-micro propensities?

- ✓ Crude energies of microvita control the psychic & physical propensities. Yes.
- ✓ Subtle energies of microvita control psycho spiritual propensities. Yes.

Here we have done this briefly, just to show that macrocosmic Knowing I supramundane energies with knowledge is the actual controller of atoms and those elusive five rudimental factorials. In His *Microvita and Cosmology* seminar He definitely said that they “control and are related to⁸³” each of these cross check areas of control. Please note that microvita is not the direct controller of atoms. He states that microvita creates atoms [that is in Saincara only], they do not control them overall nor do they control atoms directly. Microvita provides indirect subtle control of each atom through their intelligently designed algorithms and collective mind abilities.

[Authors note.] Shrii Shrii Ánandamúrti gave us all the names and the method of empirically cross-checking these subjective, theoretical and rather abstract ideas against how they are practically used in these objective categories all the way through this level eight bifurcation. The bifurcations above have been taken directly from the *Microvita and Cosmology* seminar lecture notes. Because they are very large areas of bifurcations I have not defined them specifically. This is because there are only eight general bifurcations here. The lower divisions of sixteen and thirty two bifurcation need to be refined defined and cross checked with much care. Such things as Macro-micro propensities and Macro-micro inferences need to be researched and defined in detail. This is done in the up-coming book *Microcosmology*. With proper definition and cross-check methods it

⁸³ (A) subjective relates to and controls (B) objective and (B) subjective relates to and controls (A) objective. [Authors note: Synonyms for “relates to” are: transmits, communicates and shares. Only mentioned one time in *Microvita and Cosmology* seminar compiled notes.]

can be determined with accuracy which forces control and which forces create the things in our supra and mundane worlds.

Pramatrikonic forces and flows

Positive and negative microvita maintain equilibrium in the (B) subjective chamber of the Supreme Attributional Principle. That is why during the bifurcation, the unitary strength remains the same – the subjective and objective having equal value in strength during the phase of reduction.

Microvita and Cosmology

Prama' indicates a flow of energy or microvita in this case. But, flow in what direction? A flow from place to place. Place indicates points in a relative world or the differentiated world of attributes. But, as Shrii Shrii Ánandamúrti points out, the solution to the unbalanced Pramic forces is microvita flow. Microvita flowing between all three spheres. Microvita (both positive and negative) flow is the solution to restoring the physical, psychic and spiritual equilibrium.

The clue is the flow of Prama utilizing microvita in maintaining “both equilibrium and equipoise” throughout the universe is in this sentence. It is given near the end of the discourse.

“Positive and negative microvita maintain equilibrium [Shrii Shrii Anandamurti defines equilibrium as physical equilibrium between the two parties] in the (B) subjective chamber of the Supreme Attributional Principle.”

What is equilibrium and equipoise?

In English the two words “equilibrium” and “equipoise” are used in this sense, but there is some practical difference between these two words. (1987)

We saw from above:

...physical equilibrium between the two parties... This balanced state in weight is called “equipoise”. Equilibrium and equipoise are collectively known as pramá. Prama_1.html 1987

And

“Answer: If millions of physical Prama'trikon'as, psychic Prama'trikon'as and spiritual Prama'trikon'as do not coincide, there would be a tug-of-war amongst them and finally they will get deranged... they will reach the stage of disruption. Their inner balance will be destroyed. When they coincide, the triangles of forces come in close proximity of Gun'atrikona.”
Prama-4.Pra (Feb 1987)

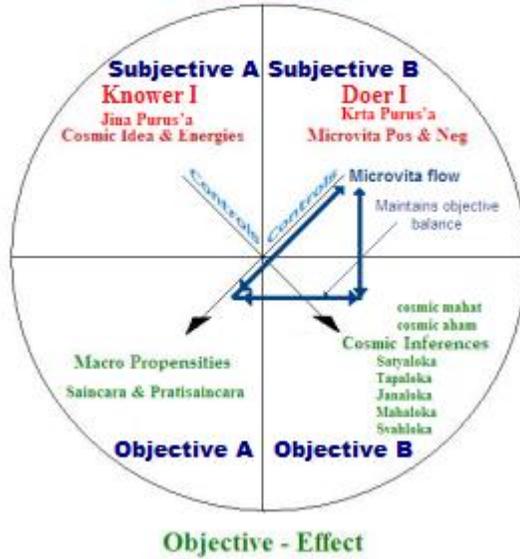
Now, what is this subjective (B) mentioned above?

“Subjective (B)-Doing principle or supra- mundane seed of the actional principle, ready for being sprouted. (Microvita of different characters, either of positive or negative nature, collectively maintaining the balance of the actional universe creating initial forms of carbon atoms that help macro- and micro-propensities in having their pure physical auxiliary media with mass and wonts.)”

This is very important because He shows the exact use of forces and microvita in the universes. Here He says “collective” microvita have two different jobs, one of “maintaining balance of the actional universe”. In another passage He states that positive and negative microvita maintains equilibrium. Shrii Shrii Ánandamúrti defines equilibrium as physical equilibrium between the two parties. This is not a triangle of microvitic forces. This is balance between two parties Positive and Negative microvita. “Actional” universe means universe of relative attributes, where energy and microvita can interact to cause effects. This is the Macrocosmic viewpoint because He specifically mentions “creating initial forms of carbon atoms” and this occurs in Saincara

If we put this all new philosophy together in a Supramundane Microcosmic view along with His new Subjective/Objective orientation the items to be included will look like this using only the terms He gives us in His *Microvita and Cosmology* lecture.

Microvita
Macrocosmic Structure
 Subjective - Causal



Macrocosmic Prama with Control Structure Drawing

The arrows show which subjectivities have control to make and change which objective worlds. Note that Knower I (basically Cosmic Mind) has control (pratah yoga) to create atoms in the world of Saincara. He uses/controls microvita for this action. Whereas microvita have direct control in the area of psychic propensities and Pratisaincara to make and balance those spheres.

From the above discussion of Prama and Pramatrikonic forces and controls we find that prama is a psychic balancing of forces. We also know that it can be Macrocosmically psychically used as in the spiritually oriented forces in gun'atrikona and lokatrikon'a⁸⁴.

⁸⁴ Human existence is trifarious – physical, psychic and spiritual. These three aspects give rise to pramátrikoṇa or lokatrikon'a in individual entities [unit I structures like human] as well as in the collective body [psychic structures like in human or collective microvita]. Prama_1.html (Feb 1987)

In the Macrocosmic and microcosmic structural drawings, microvita appears as a blue open triangle. We know that microvita flows from the subjective B aspect of Doer I' or Krta Purus'a from the above discussion, so we place an directive arrow towards objective A from subjective B. Since microvita is a psychic and spiritual flow, we place it in both structural representations, Macro and microcosmic. We know from other discourses that microvita flows freely in both the Cosmic and microcosmic psychic areas. So we can place a directional arrow from B subjective to B objective in both structural representations.

We also know that microvita have Pramic flow from other discourses mentioned above, and here He mentions microvita has “dynamic equilibrium and equipoise”. This allows us to place arrows between the A and B objective chambers in equilibrium. Or showing the microvita flow pulling in either direction. On the Macrocosmic structure, microvita flows freely between the Cosmic inferences in the B objective side and the more material inferences of the A objective side. The same flow is observed in the more relative and mundane word of the microcosm.

Now we have an open triangle of cosmic microvitic forces as noted in the microvita structural representations, except for the reverse directional arrows from the objective chambers to the subjective B non-attributional chamber. How can microvita go in reverse to the non-attributional? At first this appears as a knotty question, until we remember that microvita has two aspects that may allow this.

Microvita flows not only in equilibrium (between the objective spheres) but also as a balanced force in “equipoise”. Meaning it moves around the triangle of Prama'trikon'as. This could mean towards the subjective B chamber, also

Microvita is a living psychic entity. Let us look further at this. We are living psychic entities. We move from the crude to the Supreme Godhead in what we term Pratisaincara. Shrii Shrii

Ánandamúrti tells us here clearly that microvita are living psychic entities, also⁸⁵.

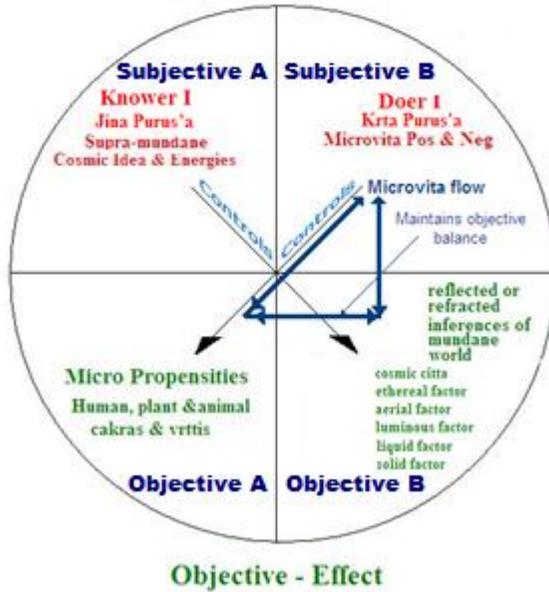
But, nowhere does He limit microvita to passing through Pratisaincara to obtain that perfection. In fact, we know they can travel on Cosmic inferential planes. (We cannot) So, why can we not consider it possible for them to travel back to the subjective attributional plane through the same method that they come to the attributional levels? So allow me to place the final reverse arrows of microvita back to the subjective plane and complete the Prama'trikon'a on each the Macro and microcosmic structural representations.

This does not define what the specific items are as Macrocosmic propensities (Objective A) and macrocosmic Inferences (Objective B)

The objective portion (where action happens) is two supramundane objective parts A & B. Objective A is micro-propensities like humans, plants and animals, cakras, vrttis and/or human propensities. The other area (B) objective is “reflected or refracted inferences of the mundane world”. That’s the area of the five rudimental factors and creation of atoms. Placing those items in the proper places we find the drawing becomes this showing to actional flow of microvita in the microcosmic mundane world around us.

⁸⁵“Considering that microvita are living entities, they have bodies, though their bodies are as subtle as idea.”

Microvita
Microcosmic Structure
 Subjective - Causal



Microcosmic Prama with Control Structure Drawing

Limiting or discussion to the microcosmic world of the atom we also have shown that microvita have a subtle (psychic) portion within the atom. We see that microvita are the entities that do psychic control (pramatriconic control) within the atom⁸⁶.

⁸⁶ "Now these microvita – positive or negative – maintain the balance of the universe" [includes atomic world] Microvitum and Its Effect on Human Body and Human Mind December 1987

CHAPTER 9 Factorials & Six nuclei in the atom

Energy requires a container⁸⁷

By splitting up the atom immense energy is released. This is due to the fact that the energy which is packaged up in matter comes out. To claim that energy is obtained due to the destruction of matter is theoretical and not physically proven. In fact, the energy comes out from within the store of the atom. Energy always requires a material shelter – a container.

Microvita_and_Cosmology.html

When energy⁸⁸ breaks out of the subtle context of waveform (upon material manifestation on the physical plane) it requires a material shelter.

A container requires a structure. When the bottled up energy contained in the structure of say an atom is broken by dissociative vibrations, it (energy) immediately (and sometimes explosively) simply seeks another material shelter or container⁸⁹. Force is not energy, but consists of the potential of energy to move from container to container. Therefore, we define force as unexpressed subtle energies that are latent on the physical/material level. If energy is defined as movement or action in the phenomenal sphere; then force is those latent unexpressed subtle energies.

Energy in the Factorials

Factorials hold energies in accordance with the solidarity of their containers. Solid factor has the strongest container. As relative unit beings we view containers by the tanmátras they exhibit to our

⁸⁷ *Macrogenesis* P48

⁸⁸ Energy is the actional state within a material structure. This energy by itself is a blind force and for its activation intellect must exist: a driver is required to direct this blind force. The support of the intellect is a prime necessity for the operation of energy in this material world. *Cardinal_Spirit_Action_and_the_Supreme_Stance_of_Devotion.html*

⁸⁹ Energy always requires a material shelter -- a container. After the destruction of the container, the immense released energy moves very fast with tremendous speed in all directions in search of some or other material shelter. *Microvita_and_Cosmology.html*

senses. Does this mean that the relative imposition of tanmátras to our senses is the correct or true view of our factorial composition?

Energy in all universes changes from one more suitable container to another; not simply because temperature forces them to change to a more stable factorial container or what physicists call “state of matter”.

Take the standard empirical view of water as an example. Liquid factor. Right? Shrii Shrii Ánandamúrti considers the sun is luminous factor⁹⁰. But can we not consider the plasma in our sun as liquid factor? Luminous objects as devayoniis (that we normally cannot even see with our limited tanmatric viewpoint) are 3rd luminous factor. Where do you place water as ice? Solid or liquid?

We have this mixed up viewpoint of the composition of matter not just because of our limited ability to see the huge range of tanmátras emanating from every object, but also because of the methods our physical sciences teach and how it views the world around us. They teach that all matter has four classifications. Solid, liquid, gas and plasma states. These are four choices based on the fallacy of temperature and not container and expressing the five factorial nuclei in requisite proportions. Temperature of ice makes it seem solid. The same as temperature makes liquid state plasma of the sun seem liquid to us, but that same plasma solidified to make our Earth solid billions of years ago. True classification of the *states* of matter can be based on temperatures but not the composition of matter. That must be based on composition of the five factorial nuclei. This is always the same 100%. being the total of all factorials in each elemental protium. See [Five factorial nuclei basic distribution](#)

Let us look at how apparently different types of energy come into the factorials. If we accept that sound is the only inference that travels in a vacuum and that it is the background type of undulating

⁹⁰ Thus although the sun and nebulae both belong to the luminous factor, the sun is much cruder than the nebulae. [Struggle_and_Progress.html](#)

waves that power all energy, then it is 1st factorial⁹¹. Shrii Shrii Ánandamúrti tells us definitely that vital energy comes from 2nd factorial. It has no form (or shape) tanmátras. So we cannot see it, energy interchangeable it is there in 2nd factor. He also tells us that the 3rd factorial is an example of luminous energy having form tanmátras to display visually. Solid factor energy is displayed as movement from place to place in all 5th factorial objects⁹². In all cases energy moves in a controlled manner from factorial container to factorial container within the different nuclei.

Expressed in Shrii Shrii Ánandamúrti's language, it's not the expression of energy (that changes the temperature in the object) but the rudimental factor in requisite proportions that should be used to base the category of any perceivable objective. Every perceivable object of matter has all five rudimental nuclei within the atomic structure⁹³. When the solid factorial is in greater requisite proportion (compared to the other 4 factorial nuclei) then the most energy is contained within the solid factorial in the solid structure. This is what we view as the static or solid matter state. When the container is excited (by external pressures/forces) the interatomic space is decreased (and interatomic friction increased) causing an increase in the temperature of the same solid body.

The plasma we tend to recognize is only a change in different solid factorial material structures heated to what we tend to call "plasma" state. Energy is interchangeable and immutable, but it can change containers. Here in this "plasma" excitation the amount of energy actually changes containers from the solid factorial container to the liquid factorial container. The change of containers and apparent energy levels actually changes the attributes or qualities of the same

⁹¹ Prakrti goes on influencing the Cosmic citta more and more and results in further crudification or decrease in the intermolecular and interatomic spaces and gradual increase in the chemical affinity. In the first phase of this crudification the chemical affinity permits the transmission of sound waves only.

⁹² Wherever there is movement, there is vibration, and there is expression of energy. [Onmkara_and_Ista_Mantra.html](#)

⁹³ All the perceptible physical objects of the world are composed of the five fundamental factors. [The_Expansion_of_the_Microcosm.html](#)

liquid factorial container. The so-called "plasma" now has changed electrical, chemical and magnetic attributes. Attributional characteristics change and find expression because of the temperature change and interatomic pressures⁹⁴, not because the inter-transmutable energy has changed containers from the solid factorial to the liquid factorial nuclei containers.

Energy is not matter nor is it like matter. It is a blind force and needs guidance to move it. All energy comes from the same 1st factorial level. It is utilized differently in accordance with the factorial nucleus within the containers it is attracted too. That means that the energy used in matter is the same energy used in pranah (the life giving vital airs). It is not different. It is attracted to a different set of nuclei and is used differently being inter-transmutable among all levels.

Mind, matter (with five rudimental factorials) and microvita changes all need a nucleus to form around. What we call matter is crude static cosmic citta in Saincara being vibrationally attracted to one of the five factorial nuclei.

In the end it's not the type of nuclei, factorial nuclei or pratisaincaric organic nuclei that attract microvita that allow state changes; it's the controlling nuclei within the atom that allows energy to change from factorial container to another factorial container. Energy is only influenced to move when guided to new container. External or internal pressures or force can cause inter/intra-atomic decrease (or increase) in frictions causing attributional changes. Energy cannot changes container by itself.

What is the factorial inside the atom

What really is the nucleus of both the atom and the solid factorial in us? It's the solidified, moglified, condensed Jina Purus'a Knower I. In microvitic terms it called Krta Purus'a Doing I

⁹⁴ The external pressure of attributional bondage and the internal frictions compel greater and greater attributional expressions in the bodies of objects. Chapter_1.html

supramundane energies carried in the negative microvita⁹⁵ that forms the atomic structure⁹⁶. We have negative microvita pre-programed to follow supramundane inferential waves carrying a small quanta of supramundane energy and impacting the physical energy of a specific fifth solid factorial⁹⁷. Since it gave up its energy it now is considered neutral microvita. It's actually solid consciousness and is static (dormant) in the atom. The factorial becomes so solid it is always the solid macrocosmic factorial vibration that is becomes the major nucleus of the atom. The same atom is used in both Saincara and Pratisaincara worlds

Factorials vary

Why is the same factorial having so many names used in so many contexts and in so many difference situations? How can the same factorial be the basis of the nucleus in so many varying structures? Some structures so very solid and some so very psychic? We know that the controlling factorial in the nucleus of the basic atom is called the 5st solid factorial factor. The same as the factorial that controls the lowest (1st) psychic cakra (in the human) is the 5st factorial. Both control the solid factorials of sense receivable tanmátras in both atoms and in our human corpora that we perceive as solid matter. We see the neutron star with its 5th factorial nucleus. Why can we not see the 5th solid factorial nucleus in the 1st psychic cakra?

The answer lies in the very vibration of the construction of that factorial nucleus inside the 5th factorial and in His statement so often included in most descriptions of the factorial. "All these factors should remain in requisite proportion." The 1st cakra human (with solid

⁹⁵ [author's editions in brackets] "...and as a result of the angle [sharp systaltic angle, increased frequency] created by negative microvita in the mutative world [of matter] or in the mutative portion of any structure, that mutative entity [here quantum impacted structure] is to undergo a certain metamorphosis. Its arena decreases, its density increases [because spin changes], and as a result it is slowly transmuted into staticity [becomes stable microvitic quantum particle, in this case]..." [Mobility_and_Movement_of_Microvita.html](#)

⁹⁶ All the perceptible physical objects of the world are composed of the five fundamental factors. [The_Expansion_of_the_Microcosm.html](#)

⁹⁷ whenever psychic waves become parallel with the physical waves of a physical entity, they accept that physical entity as their own object. [The_Macrocosm_and_the_Microcosm_2.html](#)

factorial nucleus) is controlling psychic energies of very subtle psychic cittaic mind stuff on path of Pratisaincara, and the cakra nucleus vibrates accordingly. The 5th factorial in atom is controlling very dense static material mind stuff still in saincara stage of development and the factorial nucleus vibrates accordingly.

Regarding the different variety of microcosms using apparently the same factorial name (example used here is 5st factorial); the answer is the huge difference in the vibrations of the different centers of the nucleus. One nucleus controls the individual solid 5st factorial within each atom. If it vibrates at say the frequency required to attract the heavy dense negative microvita energy quantas. Heavy dense atomic atoms in a neutron star, this would still use a 5st factorial nucleus. There would be very little (practically none) of the 4th>1st etc. factorial vibrational centers, within each neutron star's atoms. In addition each neutron star will have a controlling nucleus that is maintaining the star's energies in requisite proportion to keep the star in one piece. Of course if the balance of energies varies or fails there will be a supernova.

Solid factorials all not the same

Is the solid factorial of the nucleus of the dense neutron atom different from the solid factorial (in the 1st cakra) of the human? Another answer lies in, "What is gravity". It is partially the resultant of the centre-seeking or interial centripetal attractive force. How does it attract? It attracts in accordance with its vibrational wave. Shrii Shrii Ánandamúrti's theory of psychophysical parallelism of wave forms explicitly states that similar waves attract. This is exactly how we "see" with our eyes in our mind when our eyes are closed. Similar tanmtric waves (converted to neuronal electrical impulses within our brain, cause our brain cells (with stored similar vibrations) to attract the ectoplasm whose only job is to take a psychophysical shape we can recognize compared to the vibration. Complicated to imagine?

The same 1st factorial (in humans) now vibrates at a different longer frequency required to attract the more psychic material involved in a psychospiritual center or cakra. This does not happen

overnight. Neutron stars take maybe billions of years to coagulate. Human cakras take maybe millions of lifetimes. What we know as matter (observable to our senses) will not coagulate or be attracted around a psychic solid factorial vibrational centers. Shrii Shrii Ánandamúrti even goes to the trouble to differentiate between the two types of objects being attracted. He calls them matter and non-matter particles. Non-matter is the very subtle mind particles known as ectoplasm. Both are attracted in accordance with the vibration of the nucleus.

How/why does the solid factorial (1st cakra) in humans as a psychic center, control solid factorial? It is called solid factor because we have macrocosmic atoms (still in Saincara phase) mixed within our psychospiritual structure. Each of these molecular structures (with those Saincara macrocosmic atoms) is within a pratisaincara living structure. The cakras are an evolving psychic pratisaincaric structure controlling mind stuff evolved from that saincaric matter.

At first this seems like a complicated and difficult problem, and is, until we look deeply at the problem. Until we realize that these are both solid factorials but are controlling different aspects of the Brahmacakric wheel of creation. The atoms in molecules and in the neutron star are in a static non-evolved state and still considered in Saincara phase of cosmic evolution.

The solid factorial center in the 1st human cakra is controlling moglified/changed finely pulverized evolved matter (mind stuff) that is passing through the Pratisaincara stage of cosmic evolution. On a relative scale we can call them both matter, but on an evolutionally scale they are not the same. This also means they are not vibrationally the same. They are not the same wavelength. There is a materially dimensional difference.

This does not mean that there are no Saincara atoms in our corpora. We are constructed of them. But each of those atoms has a controlling atomic/molecular controlling center. Each carbon atom in our bones has an atomic controlling nucleus as does each molecule etc, but they are all using saincaric material atoms with their requisite microvitic control nucleus. They are all in Saincara phase of

evolution. They all have microvitic collective control and the physical portions of their atomic minds are static/non-evolved.

When those same collected molecular conglomerates become animated (living) then they start collecting the basic cittic mind stuff and the mind moves forward into the Pratisaincara stage of cosmic evolution; the mental physical portions of the crude atom has the chance to start the cosmic evolution process through clash and cohesion.

This is a very interesting stage of cosmic evolution and a topic not discussed by Shrii Shrii Ánandamúrti. The question becomes: Saincara atoms have two choices. Jad'asphot'a re-cycling or evolving to pulverized mind stuff and into Pratisaincara. What happens physically and mentally to atoms in the Pratisaincara structures? They cannot maintain their atomic elemental structure. The answer is in what Shrii Shrii Ánandamúrti call "slow jad'asphot'a".

To say that all factorials are not the same is true from a factorial vibrational standpoint. The vibration that the solid factorial displays in the 1st human cakra is different (possibly harmonically) from the vibration that the solid factorial in the atom displays.

The important thing to remember here is not the factorial is different constructively; it's the control is different when it is used differently. Control of the atom in creation of atoms and maintaining atoms, is entirely controlled by the Macrocosmic Mind using protah yoga control. The creation of atoms is indirectly controlled by Macrocosmic Mind and directly controlled through microvita's intelligently designed sub-assembling algorithms. The mental portion of the atom is being attracted (algorithmically) to the construction of protium atoms and the physical portion acts as a force carrier dumping its quanta of energy into the (mostly) solid factor.

Although that same atom is now in the developed human corpora, now the control is shared with different complex psychic centers. Even psychophysical clash within the same atoms are slowly pulverizing the very atoms into subtle mind stuff through the process of "slow jad'asphot'a". Control is now local through the human control psyche (and accompanying energies) and control is shared

non-locally through protah yoga. The local control (in Pratisaincara) in the human mind's 1st cakra (solid factorial) needs a different vibrational frequency to attract non-material mental mind stuff to use in psycho spiritual development . The basic old protium atoms (now as elements and molecules) just sort of 'comes along for the ride'. The difference is in the usage of psychophysical parallelism in the developing minds to utilize the cakras at a higher level as an attractive force. Psychophysical parallelism is only in Pratisaincara and only a local control function.

Gravity waves

First I'll make a rather synthetic statement and then dissect and analyze how that can be true. The 1st & 2nd factorial nuclei in a neutron star and in a gravity wave are the same.

Let us look at the neutron star factorials. There are 5 factorials in every solid structure. They are distributed in requisite proportion in accordance with the environment. That means all five are there inside the atom. Each has a nucleus. There is a sixth controlling nucleus, (not a factorial) controlling the energy distribution and keeping the structure together. The total of all 5 factorial energies is 100%. In a neutron star that probably would mean 5th solid factorial has 99.999 % all the energy and the other 4 factorial nuclei together have the balance of energies. Since all 5 factorial nuclei are within the atomic solid structure and the interatomic space is decreased by probably 1000's of times. This means the frequency of the concerning nuclei has increased dramatically.

We also know that Shrii Shrii Ánandamúrti stated that the "range of the frequency" of certain/some of the factorials varied tremendously. Therefor it follows that it is entirely possible that the factorial nuclei of the 1st 1nd 2nd factorials within the neutron star and the resulting gravity wave 1st and 2nd factorial nuclei could be the same factorial nuclei. It is only as Shrii Shrii Ánandamúrti said, that the supernova results in a straitening of the waves and the 5th, 4th and 3rd factorial are completely/mostly disrupted (that is the resulting energies

displayed in the gravity wave) and changed to other atomic nuclei and particle/wave energies

We have worked through the 5 factorial nuclei in the atoms nucleus and controlling nucleus of the structure involved up to this point of atoms and even psychic cakras, in a very materialistic manner; of which it all is in one sense. Macrocosmic citta is broken down into particle/wavicles of what we call ectoplasmic stuff that forms our mind. This is the essence if Shrii Shrii Ánandamúrti's Brahmacakra "matter to mind" philosophical theory. What we have left out is two things. All energy needs intellect or control (or you get explosion) and "What exactly is this stuff we called types of matter?"

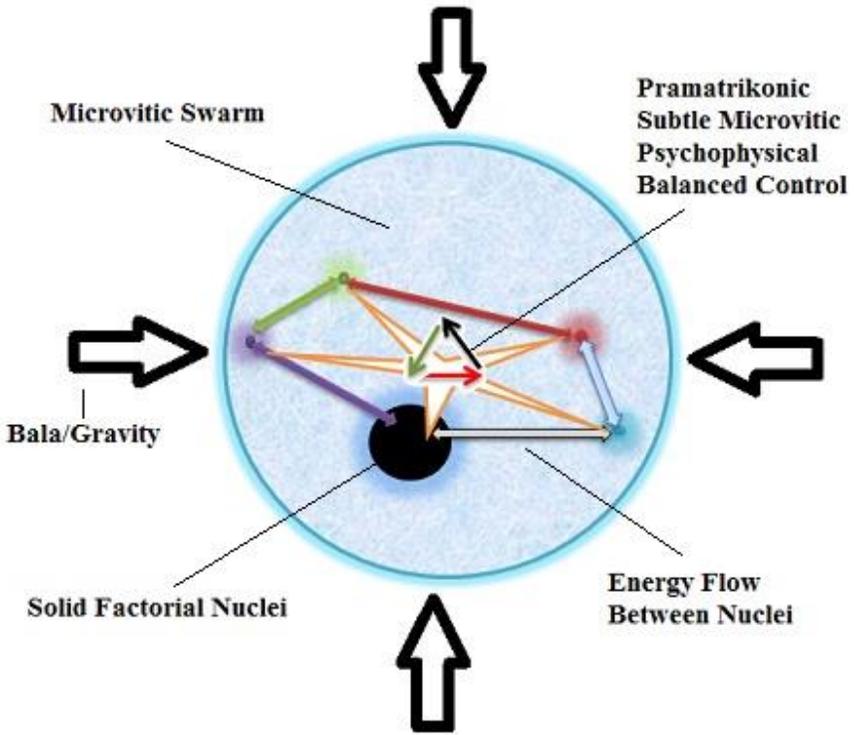
The six nuclei of the atom

Generally in physics we think of atoms having a single nucleus composed of protons and neutrons clumped together as a central figure nucleus, with a cloud of electrons in orbital stratified layers.

Shrii Shrii Ánandamúrti visions atoms as having 6 nuclei. That is 5 physical nuclei composed of each of the 5 rudimental factorial nuclei and a sixth psychic controlling nucleus.

A simple schematic sketch would look something like this:

Microvitic Five Factorial Nucleus



Basic Drawing six nuclei in Atom

Remember the atom is comprised of 4 basic parts⁹⁸. Two parts physical and two parts microvitic; each having physical and mental components. The five factorial nuclei are a part of the physical part of the atom. The mental controlling nucleus is part of the microvitic mental structures. In this discussion we will consider energy to be physical⁹⁹ and controlled by mental; as it is in general physics. The

⁹⁸ *Microvitology*

⁹⁹When force functions within the scope of matter, that force is called energy.
The_Supreme_Cognition.html

balance between the physical nuclei and between forces will be discussed separately under Prama and prama'trikon'a.

Five factorial nuclei basic distribution

To describe the physical nature of the five rudimental factorials within the atomic structure¹⁰⁰ we can utilize the method described in phenomenal table of the elements¹⁰¹. It uses a symbolic reference for each of the five factorials and we can write a proportional of the factorial energy distribution for a common element based on 100% being the total of all factorials in each individual elemental.

Symbols used

- **Ethereal factor** A'ka'shatattva sound = Es (ethereal, sound) OR just E without the Sanskrit reference
- **Aerial factor** Va'yutattva (perception) touch = At (aerial, touch) OR just P without the Sanskrit reference
- **Luminous factor** Tejastattva light and form =Lm (luminous, light & form) OR just F without the Sanskrit reference
- **Liquid factor** or Jalatattva taste = Lq (liquid, taste) OR just L without the Sanskrit reference
- **Solid factor** or Ks'ititattva smell = Ss (solid, smell) OR just S without the Sanskrit reference

Arbitrarily then, ordinary Hydrogen could be written as > E₃₅P₃₀F₁₈L₁₀S₂ (can't smell, taste or see it, it conveys sound and can be felt)

Or similarly ordinary Helium > E₃₇P₃₂F₁₉L₁₀S₃

¹⁰⁰ "In order to ascertain the category of the physical elements an object belongs to, we will have to base our findings on the crudest of the tanma'tras the particular object carries." Chapter_2.html

¹⁰¹ *Macrogenesis* P.71

Factorial Examples in Elements

Explanation of Helium at ordinary conditions; E₃₇=Conveys sound (has definite effect on voice), P₃₂=can be felt as gas, F₁₉=has plasma abilities, L₁₇= has liquid abilities, S₃= no smell characteristics; but more solid materialistic characteristics than hydrogen.

Explanation of Helium as plasma @ about 13,000^{deg}.F. >
E₁₀P₁₀F₇₇L₁S₃

E₁₀P₁₀=Has ability to convey frequencies of sound and be felt as power

F₇₇=as plasma, L₁S₃=liquid state not existent, Solid factorial does not change

Explanation of Helium as superfluid @ about 2.17^{deg}.K. >
E₁₀P₅F₅L₇₆S₃=at lambda point density drops, has super-fluidic and superconductive characteristics.

Using this system of factorial notation we can see the variable distribution of the factorials within the same element at different environmental conditions and states using a factor of 100% as total energy with in the physical nucleus. This method allows us to annotate the differences so that we can refer too and better describe how the sixth controlling nucleus preforms these un-noticed nuclear changes.

All the material elements have five factorial nuclei with controlling sixth psychic nucleus, and are called matter. Some structures within the Macrocosmic (and microcosmic) worlds do not contain all 5 factorial nuclei; but they still have the controlling nucleus. An example here can be made of devayoniis (or bodiless minds) that have only the top three factorials and contain a controlling nucleus within their luminous bodies. See [Other possible structures](#).

The important thing here is the composition and arrangement of the factorials that comprises elemental matter. In other words, elemental matter should be described by the factorial compositions and not by protons, neutrons and electron orbitals. The precise description of the forces, balances and composition of individual factorial nuclei is described in other places. Example E₃₅P₃₀F₁₈L₁₀S₂ for Hydrogen.

We do not want to confuse two apparently similar atomic construction processes: elemental protium atom and the 118 elements. Elemental protium always contains the same proportions and amounts of energy among the factorials and static solidified purus'a (Jina Purus'a Knower I) as supramundane energies. The state of matter is resolved by the proportional shifting of the energy between factorials not temperature heating. Movement of energy causes external temperature rise.

Elements form *from* the combination of the elemental protium within the stellar nucleosynthesis process. In that process each new elemental combination requires a new combination of the resulting five nuclei and new controlling nucleus for each new atom of the element formed.

Controlling variable nucleus in atom

These physical structures are composed of five fundamental factors – ethereal, aerial, luminous, liquid and solid – and so, for their own existence as unit structures, they must have the controlling nuclei of the respective factors within their composite body. All these factors should remain in requisite proportion, and on the mutual cohesion amongst these factors depends the resultant interial, *The_Cosmological_Order.html*

There is a controlling nucleus in every structure, in addition to being the center of the concerning factorials. This controls the “requisite proportion” in accordance with the surrounding environment or conditions.

The controlling microvitic nucleus is concerned with balancing the pramic energies within the structure in accordance with the environmental factors or external pressures. The controlling microvitic nucleus is required in every structure; whether as a nucleus or if it concerns a lattice structure of solid or molecule.

The actual factorial nuclei are very stable energies that are allowed to move between these structural containers. Subtle microvita collective mind controls the lattice of the molecular structure as the 6th nucleus of the individual atom structure.

There is an intelligent design aspect here. Shrii Shrii Ánandamúrti never directly states whether this controlling nucleus is using microvita or not. This is probably because most of His dissertations on energy and factorials were given long before microvita was discussed. The only indication before microvita was when He stated that the energies that were controlled inside the “requisite proportion” control nucleus was called pranah. This Pranah is the same as the name pranah energy in living bodies. When microvita was introduced we find that certain of the Pranah (vital forces) within living entities are controlled by microvita. If we put one and one together we get that microvita may be the controlling entities controlling the “requisite proportion” nucleus within every atom.

The controlling microvitic nucleus senses the environmental conditions and balances the 5 factorial nuclei accordingly. We will show below how the controlling nucleus changes during change of state in an element.

CHAPTER 10 Atomic Nucleus Formation

Atomic nucleus formation

Although generally Shrii Shrii Ánandamúrti accepted the concept of physical structures of atom with nucleus, neutrons, protons and electrons, He always did this as counterpoint showing that all structures physical, mental and spiritual having a controlling nucleus. This is because the audiences He made these dissertations too were having a hard time understanding the spiritual nucleus of Purus'ottama controlling the Macrocosm. It was very easily understood when related to physical systems like sun and planets and nucleus of atoms. Never did He directly describe the construction of atoms as consisting only of protons, neutrons etc. In fact during the last few years after the introduction of microvita, He explained about microvita and the subtle mental structures within the atom.

Look at some of the important attributes of the Cosmic Nucleus Purus'ottama in Shrii Shrii Ánandamúrti's Macrocosm. Philosophically the Macrocosmic Nucleus existed in the Causal body of the Macrocosm in a mental area called Satyaloka and witnessed by Purus'ottama. The Causal Mind of the Macrocosm consisted of two layers called Mahattattva and Aham'tattva;¹⁰² both outside the relativity and realms of time, place and person.

If we just look at the possible scientific material comparisons of the theoretical attributes of Purus'ottama to any known parameters of material nuclei; rationality dissolves. The possible vibrational level using wavelengths puts Purus'ottama's wavelength infinitely long; meaning infinitely big. Larger than the entire Macrocosm. Logically how can a nucleus generally described as central and attractive in nature be larger than its body?

Let us look at another nucleus frequently used by Shrii Shrii Ánandamúrti, the five rudimental factors used as the nuclei within the cakra system of the human. Again the same problem. The theoretical

¹⁰² Kosa.html

wavelength of the five rudimental factors places them many millions of times longer and larger than the human mind wave frequency of 1-80 Hz or 10^5 meters. (See Chapter [Macrocosmic Frequencies](#) with drawing) If we try and compare the theoretical physical wavelength of microvita with the theoretical wave length of subtle microvita mind and even greater disparity in physical irregularities appear in the apparent location of a nucleus. What is the answer?

If we look at Purus'ottama the Cosmic Minds' mental controlling nucleus, we understand that it not located within the physical structure. His mental structure is greater than any physical structure.

Obviously wavelengths cannot be compared to central physical nucleus locations. The center of the physical potential energy in a dam is at the dam. The power control center does not have to be located within the dam. The same with cakras, the psychic energy centers are located at the cakras (with the corresponding five physical factorials). The overall psychic control center is not in the first five cakras, it is in the ajina cakra located just above the eyes. And so it is with the atom. Atom centers are a physical factorial energy centers. The controlling mental centers (nuclei) are not located physically inside the atom.

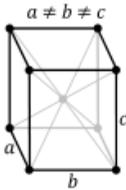
The real question is what does any nucleus form around be it material or mental object? Is it a mental nucleus or a gravity dense nucleus with charged bonds? We must re-state the question to see the answer. Object is attracted or forms, around the nucleus. If the nucleus is mental then mental objects will form around it. If it is physical as in physical factorial nuclei created in Saincara, then physical objects will be attracted.

The question now becomes one of matter, "What forms around the five physical oriented factorials in the atom?" The answer is physical energy, is attracted to each of the different factorial nuclei. Each factorial nucleus is a different structure and energy forms around

structure (i.e. is held by structure). The secret is matter goes from structure to structure.¹⁰³

Energy forms around structure. Structure can be very large or very small as within the physical structure in the atom. The strongest structure available to physical science is the matric structures that form in crystals. Although these are molecular structures, they would make a good analogy as a starting point for atom structure.

Think for a moment as having energy contained within a similar box like structure called the solid factorial nucleus, within an



atom.

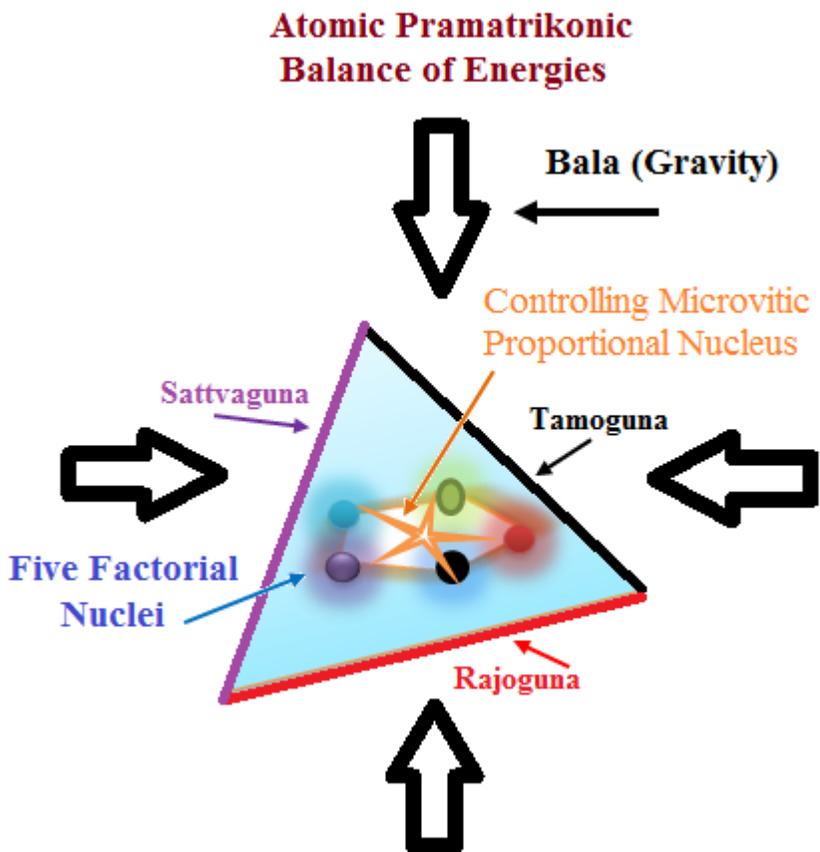
The amount and size of the particular factorial structure depends on the particular type of atom it is and according to the state of the matter. There are five factorials each with a different structural container that supports/contains the energy within that particular factorial. The secret of energy is that it goes from one structure to another. (See [Atomic and Molecular shape controls](#))

Original energy in the atom is constructed in one specific sequence. That has the name protium. Protium (the so-called proton part) has specific amounts and proportions of energies in each of its 5 factorial containers. It appears to us as very solid only because the solid factorial structural container contains the preponderance of the amounts of energy. We simply observe this solid portion more readily as tanmatic inferences. The proportions of energies within the nucleus (5 factorials) never varies, as the composition of the so-called proton never varies.

¹⁰³ Energy always requires a material shelter – a container. After the destruction of the container, the immense released energy moves very fast with tremendous speed in all directions in search of some or other material shelter. Finally, it finds a way in some country, in some human physical body, in structures and other material objects scattered around, or in the ocean, etc. Matter needs a shelter, and the shelter of matter is the earth. This is the secret. Microvita_and_Cosmology.html June 1989

The relative positivity or negativity of the basic protium atom (as neutron or proton may vary; but that is due to the state of charge induced into the microvita swarm (physical part of microvita) acting within an electromagnetic field or state of electric charge. Remember that microvita are force carriers in all phases of creation. In creation of elements and molecules the microvita swarm (acting as so-called electron) are action as force carriers to make ionic and valance changes. The 6th subtle mental controlling nucleus only guides these physical actions.

The sixth structure is a psychophysical control nucleus located outside the protium nucleus and contains all the five factorial energy structures within its reach. It is a pramatrikonic mental structure maintaining equilibrium and equipoise within the structure. I'll introduce it here as a schematic and it might look like this:



Atomic Pramatrikonic Balances Drawing

So, the real question in nuclear formations is not that of a gravity dense nucleus with charged bonds and binding forces as currently is vogue in physics today, but one of energy structures that contain energy and the control of those energy structures and the most important fact; that protium is the basic first formed atom (and contains the basic pattern) and all other elements come from protium through normal stellar nucleosynthesis.

This brings up some basic questions:

How do factorials handle energy bonds? There are basically two different types of bonds, those that are within each atom and those that are between atoms, elements and molecules. Probably the between atoms bonds are a charge type bond. That means the charges between individual atoms repel each atom within the molecular structures. Keeping each atom separated from the other by charge. Each individual atom has its own 6th nuclei with controlling subtle microvita mind and can accept other atoms to bond by electrical charge. It has a pramatrikonic structure that maintains the individual atom's equipoise and balances. The physical portion of each atom has a microvita physical charged swarm acting like what we see as electrons around the nucleus. This charge can bond with other atoms and the same charge controls the inter-molecular spacing. Each molecule (as in an atom) has an overall controlling mental structure. When the proper environmental conditions of temp, pressure etc. are met, the individual subtle microvita minds allow an overall molecular mental structure to form. This in turn controls the forming of the physical molecule. This process can be slow or fast.

How do factorials handle phase shifting in quantum levels? Phase shifting occurs generally in individual atoms. Consider each atom as having five factorial structures whose total is 100% of the energy. Then the phase shifting is the changing of the energy between the different factorial structures to balance out the required phase change. For example, some energy changes container from say solid factorial in Fe to the liquid factorial when we normally see (temperature caused) the Fe pass to the liquid state.

We tend to think of energy as something like lighting or even electrical and sometimes it is; but energy can be almost solid like the static energies behind a dam. So it is within the atom. Some of the controlled energies are static some are dynamic. The physical energies held collectively within the physical microvita swarm are dynamic in the sense that they can move as bonding energies need changing. The energies within the solid factorial structure are very static and hard to get it to change to the next level of state change, liquid.

It's not that the energies are so different from what we normally see in physics; it's the control that is different. In physics its

spin, gluons and fuzzy theory that controls atomics. In microvita theory its psychophysical control of physical energies.

Dark Matter

Modern astrophysicists have noticed that about 90+% energies and matter of the known universe are missing in accordance with the latest estimates. They dub this dark matter. Two new theories are coming into play, string theory (ST) and multiverse/parallel universe theories. They seem to complement each other and allow converging suppositions where dark energy seems to fit in. There is no empirical proof of dark energy.

In any event, string theory allows for branes or many (up to 11 currently) dimensions. String theory requires extra dimensions. It is well known that additional dimensions allow for different shapes, not just different areas. ST says in one sense that vibrational pattern is determined by the shape of the instrument and that having extra dimensions each determine how the strings vibrate because the space between the strings can vary and extra dimensions with different space and shapes allow more vibrations to develop.

String theory is interesting in one respect. “Extra dimensions having more space allow more vibrations to develop”. Vibrations in microvita theory are the cause of more attributes. Attributes are variations in the mundane (physical) and supramundane (psychophysical) worlds of the characteristics we observe around us. We do not observe the world of Saincara (meaning in this context building atoms). We do observe the world of Pratisaincara where atoms are combined in elements and molecules etc. and apparently destroyed as in supernovas and cyclotrons. There may be some applications of ST in Pratisaincara psychic multi-universes but certainly not in the creation of basic atoms or basic macrocosmic theory of the universe.

What we are getting in these theories a mish-mash of ideas that may look complementary. What we have is dark matter appearing convenient to two defective theories. The ST universe theory is just an expanded one universe theory, of ‘What you see is what you get’. Or rephrased, ‘All that we see doesn’t add up to what we should see’.

That is defective because it in itself is based on BB and red shift of expanding universe theory. The other defective theory is multiverse/parallel universe theories, saying dark matter is actually there. We just can't see it because it is hidden within some brane or parallel universe. They are both basically defective because they put the horse before the cart.

Let me put it this way. ST puts the horse (basic atomic construction) before the cart. Having multiple branes or dimensions cannot create/cause the vibration to exist or form. The shape of the instrument (branes or dimensional shapes) only shapes the vibrations attributes; it does not produce the energy within the vibration. The intelligent component and the energy must exist before the brane or multi/parallel universe can shape anything.

Shrii Shrii Ánandamúrti never referred to “other dimensions” as such. If such multi-universe or parallel universes existed then certainly microvita (and the five factorials) would be there. If the pre-programming of microvita was slightly altered to form around the five basic factorials slightly differently (in these theoretical ST or parallel/multi universes); then different basic matter oriented structures could be formed in different dimensions, since space and shape are different there. Whether these dimensions of different shapes and forms could account for what we perceive as dark matter is another question. How could we actually perceive this dark matter from differently structured atoms; Even if we could conceive of them intellectually or mathematically? Their tanmatric reflected vibrations could not be perceived by our sense acceptors.

In our current dimension/universe, microvita (of specific types) is pre-programmed to impact on certain factorials in such a manner that they form predominately within factorial structures in a way that allows basic protium to form. This gives us the basic atom of this one universe.

What we see that is determined and measured by physicists are the energies determined from the reflections of the preponderantly weighted lower three factorials up and including luminous factorial as light, heat and other electronic spectrum waves. Yes, the majority of the recognizable vibrations of energy are from the solid and luminous

factors (even as plasma in stars). The vibrational range of luminous factor is huge, including luminous bodies (bodiless minds). An energy structure composed of the 2nd aerial factor would have most of its energy centered on that factor and be entirely beyond our perception abilities as energy. It would still be composed of all five factorials, only the energy would be shifted towards the 2nd factorial and not be recognizable to our perceptions. And what of the huge amounts of unperceived energy inherent in the 1st ethereal factorial? That background matrix of energy upon which all else is formed. What we perceive is only those microscopic reflected/refracted tanmatriic vibrations of that factorials energy. Certainly there is room for dark matter/energy in Shrii Shrii Ánandamúrti's philosophy.

Positivity or Negativity of the basic atom

Positivity or negativity in physics is fundamentally and empirically determined by the rubbing of an amber rod against the skin of a dead cat. That's considered positive charge.

Shrii Shrii Ánandamúrti handled the subject of positivity and negativity of microvita in the last few years of His dissertations from many different viewpoints; not just a fundamental 'dead cat' electrodynamics charge view. I feel the best way to look at it at this point is to divide the viewpoints by a Saincara-Pratisaincara outlook. Because this shows the basic ways that microvita affects the world around us. In Pratisaincara microvita deeply affected the living material and psychic world. Probably most of His descriptions and demonstrations were directed as to how positive and negative microvita could change the world. Not only from radical effects it can make to the world Gaia, psychophysical desires or even diseases; but how it could even change the DNA structures around us. These have been subjects of previous works. Here we will concentrate on the positivity or negativity dynamics of microvita within the protium atom.

For example, if we say that microvita had an overall positive (or negative or neutral) electrodynamics charge in the atom then that relationship can be directed to theories of ionic charge and bonding within and without the atomic structure. How to determine where and if there is a microvitic swarm charge or if the five rudimental nuclei

have an electrodynamic charge? We will look at two methods; the basic statements of Shrii Shrii Ánandamúrti about positivity and negativity of microvita in Saincara (because microvita is constructed there) and the basic forces (electromagnetic or other) within the basic Saincaric microvitic protium atom.

Basic physical atomic theory contains certain fundamental physical laws or rules that have been tried and tested. We cannot ignore these but we can determine their application. There is an arbitrary but elementary quantum of opposite electric charge that exists between one mass called proton and one mass called electron. Arbitrarily called +e & -e (sometimes q). These charges are quantized to certain specific values and cannot be lost. This charge has a measured value of approximately $1.6021766208(98) \times 10^{-19}$ coulombs. The -e charge maintains discreet bands or levels from the e+ charge. It can change levels if it absorbs or releases energy.

Mass is energy. How can we compare electron charge and mass to total energies of proton when mass of so-called electron is 1/2000 the proton?

In microvita nucleus theory they cannot be directly compared because they are as apples to oranges in composition. Charge is made and collected differently in each structure. It is only an physical assumption that the basic atomic elemental of proton has the exact type and size of charge as the so-called electron swarm in basic protium, even though mass varies by almost 2000 times. The current constants for the “empirical equations” are phenomenological guesses based on physical dogmatism. These points must be addressed individually.

Charge in the atom.

This is a minor wave change within the atom. The neutral microvita cloud has the duties of chemical change or chemical affinity or changing the minor standing wave form, in the already existing atoms. This affects the chemical affinity or valance. How this is done will be discussed in the upcoming book in this series called Microcosmology. [Actually this book] *Microvitology* P159.

There is a basic difference in charge demonstrated by the nucleus as static and created by internal forces and/or created by the

dynamic charge of the microvita swarm. The charge structure of swarm microvita is dynamic, changing constantly. In a physical way it is similar to a physics gluon in that it is a force carrier of energies. Here we say microvita is a “force carrier in all phases of creation”. Microvita are point-like in structural size; but they expand and takes on and can give off energy. Different type of microvita adapt to the individual algorithm retirements of place (i.e. environmental adaption).

The energy level of the swarm and the individual microvita are quantized, in that they are composed of a specific number of microvita quanta (probably billions) and that energy is not gained or loss in their interactions. In microvitic terms they do not die and are quantified at the creation of the basic protium structure. Within the swarm capacity (so-called electron) they act like electrons in an electrical field. Their charge can vary. Using Coulomb's law charge is inversely proportional to the square of the distance causing the microvita swarm to become layered. This maintains the discreet bands or energy levels within and from other atoms.

Consider this thought.

Protium, the most common isotope of hydrogen, consists of one proton and one electron. Unique among all stable isotopes, it has no neutrons. Protium - Atomic hydrogen constitutes about 75% of the elemental (baryonic) mass of the universe. Wiki

We know the basic charge of microvita in the original formation of basic protium is called negative by Shrii Shrii Ánandamúrti.¹⁰⁴ Protium has 1 proton + 1 electron. Strip off the microvitic swarm charge (negative) from protium and resultant the so-called proton has empirical positive charge. This is the same thing that happens in the stellar furnaces of stars, when the so-called electrons are stripped off to form plasma. Remember, microvita acts as force carriers in all phases of creation. Microvita are not dead, only the

¹⁰⁴ [author's editions in brackets] "...and as a result of the angle [sharp systaltic angle, increased frequency] created by negative microvita in the mutative world [of matter] or in the mutative portion of any structure, that mutative entity [here quantum impacted structure] is to undergo a certain metamorphosis. Its arena decreases, its density increases [because spin changes], and as a result it is slowly transmuted into staticity [becomes stable microvitic quantum particle, in this case]..." [Mobility_and_Movement_of_Microvita.html](#)

charge has dissipated. They are now again point-like with no charge. Their mental aspect is still the 6th mental controlling nucleus. This would indicate that the total of the five rudimental nuclei in the microvitic would have a relative positive named charge, because at this point in the life of a protium atom the microvita swarms were considered neutral. Remember microvita were negative, but they gave up their energies and charge when forming the rudimental five nuclei.

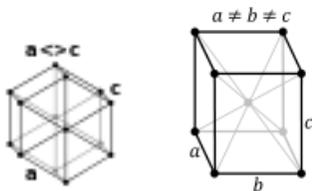
Atomic and Molecular shape controls

Patterns of vibrations or structural lattices in matter depend on vibrational harmonics. The vibration itself (and therefore the lattice structure) depends on the shapes of the overall pattern of the instrumental microvita and their spacing. The properties that the lattice or particle displays, depends on the harmonic vibration. See discussion of raga in [Quantum Microvita Colouring](#) chapter.

Putting this together with microvita. Microvita have the ability to maintain themselves as a collective entity. That means they can join together in a self-formed algorithmic shape. Just because we cannot see the form, does not mean that it does not exist. Microvita individually and collectively each have a distinctive vibration.

When these self-programed algorithmic point-like beings gather together collectively by the billions in self-formed shape, their overall vibrational pattern can cause a specific lattice work to form. The vibrational pattern is causes the specific shape or lattice to form. The structure of the pattern defines the energy contained.

Take the simple lattice shape of ¹²C carbon for example.



This carbon molecule lattice structure is very strong and exhibits resistance to deformation at all normal temperatures. It is so

strong that sublimation occurs directly from solid to gas without going to liquid structure at about 3900 K. The strong structure holds the energy. When the external pressure of temperature increases the vibration rate of the controlling nebulae of the molecule sufficiently, the energy transfers to the aerial factorial nucleus directly from the containing solid factorial nucleus.

Has the carbon atomic structure of one carbon atom changed? No. It is still ^{12}C Carbon; but in gaseous form. The controlling nucleus of microvita caused the lattice to dissipate and the carbon became gaseous. Two things happened. The majority of the energy within each individual carbon atom shifted from the solid factorial nucleus to the aerial factorial nucleus, allowing a gaseous form to each carbon atom. Second, collectively the microvitic controlling nucleus caused the entire molecule lattice to dissipate at a predetermined frequency brought about by the raise in temperature.

Here the individual carbon atoms still remain carbon atoms. Only the state has changed. The total energies within the individual elemental carbon remain the same. See [Factorial Examples in Elements](#) where the ordinary formula for Helium was written as $E_{35}P_{30}F_{18}L_{10}S_2$ and the plasma formula was written $E_{10}P_{10}F_{77}L_1S_3$. The total energies within the element have remained the same, only the shift in energy to different factorial nuclei allows the characteristics of state to change.

Shrii Shrii Ánandamúrti says it like this:

“but when billions of microvita get solidified, a carbon atom is formed – generally or naturally of heterogeneous nature,”

And

“An atom may be internally of both homogeneous and heterogeneous character and also externally of both homogeneous and heterogeneous character”

He says when formed atoms are naturally “of heterogeneous nature, “then He goes on to state that atoms different characters both internally and externally homogeneous and heterogeneous.

- **Internally homogeneous** = as with the Pramatrikonic balancing of the 5 factorial nuclei.

- **Internally heterogeneous** = as the 6th subtle nucleus having the ability to change as the 5 factorial balanced energies to preform state of matter changes, like solid, gaseous etc. and remain the original element, example ¹²C carbon.
- **externally homogeneous and heterogeneous nature** = of mixed nature like mixed elemental or molecular natures as hydrogen monoxide, hydrogen peroxide, carbon monoxide, carbon dioxide, etc. (generally/naturally)

“Carbons [not only ¹²C carbon] and non-carbons [mental/psychic ectoplasmic mind atoms] both get their atomic structure from microvita.”
 The_NeoEthics_of_MultiLateral_Salvation.html (1987)

States of matter changes

When the basic element (say helium) is exposed to different environmental situations (like cold or heat or pressure) the mental controlling nucleus (pramatrikonic) varies the balance of each of the five factorial nuclei. The element will then display (exhibited as tanmátras) different characteristics (water flow-like, for example). This will allow the same element (helium in this case) to exhibit different states of that elemental matter at different temperatures.

This type of atomic pramatrikonic control within each atom allows dominant solid factorial elements to have crystal matrix structure control. Remember that *every* structure big or small combined as molecular or not, will have its own mental controlling structure.¹⁰⁵

¹⁰⁵ These physical structures are composed of five fundamental factors – ethereal, aerial, luminous, liquid and solid – and so, for their own existence as unit structures, they must have the controlling nuclei of the respective factors within their composite body.

Other possible structures

We also know that other structures can have less than 5 factorials. An example comes to mind of the mostly mental living structures, devayoniis.¹⁰⁶

Actually the overall guiding psyche¹⁰⁷ controls the energies of the body and they are what die in death. Individual solid structured atoms with all five factorials are still in place and controlled by atomic pramatrikonic balances. Vital energies (in Pratisaincara) along with the vital airs depart at death in sequenced order. Without vital energy (pranah) the molecular structures dissipate. Slow jaíasphoía is the name for this process.

Every structure whether human, devayonii or atom have factorials. Factorials are levels of physical energy. Cakras are levels of psychic energies. The solid and liquid physical factorials along with their psychic cakras remain attached to the physical body. This is why the body takes time to decompose. The 4th cakra is notorious in taking a long time to dissipate and requires actual burning by fire to completely dissipate¹⁰⁸. The energies if the 1th cakra dissipates into the earth and are used in all life structures.

Then what factorials depart to make the 3 factorial constructions of devayoniis in the death of the human? Karmáshaya (bundled sam'ska'ras) departs along with the first three factorial energies and the overall controlling guiding psyche of the bodiless mind at death. Sub-conscious and un-conscious mind (subtle unit mind, generally speaking) are part of the bodiless mind psyche bundle.

¹⁰⁶ Incidentally, let me tell you that devayonis are composed of three fundamental factors – ethereal, aerial and luminous. The solid and liquid factors are left on the earth after the death of the physical body. [Disembodied_Souls_and_Microvita_Section_B.html](#)

¹⁰⁷ See *Microvitology*

¹⁰⁸ The body being in a state of permanent repose, dhanainjaya va'yu remains. After cremation, or when the dead body completely decomposes in the grave, dhanainjaya enters the maha'bhu'ta [five fundamental factors] and merges into the aerial factor. [Aunka_to_Aksa_Discourse_3.html](#)

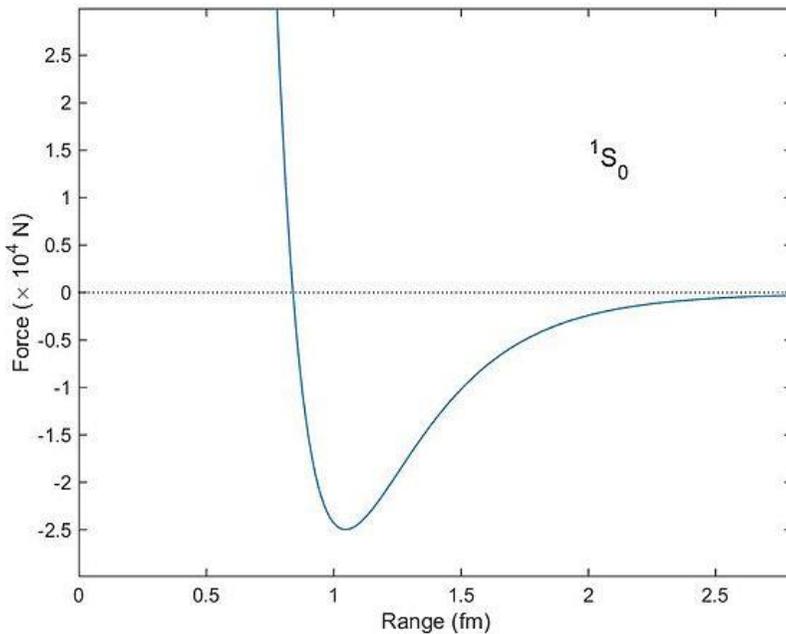
They remain in timeless state and are unable to connect with the 4th-5th factorial physical structures because they have none. Only physical solid structures (not bodiless minds) need to be based on the 5 rudimental factorials in carbon based structures.

Basic proton microvitic structure

At certain times gravity affects radically the basic (so-called proton- physical 5 rudimental factorials stripped of its microvita swarm) five rudimental factorial physical structures within each atom. This is because the overall pramatriconic controlled structure has a breaking point. That is the structure is physical and the control is psychophysical. It is only a balancing structure. It (the overall structure) breaks when one of its balanced factorials breaks. The only factorial structure capable of breaking (being divided) is the solid factorial structure (the major energy structure in the microvitic atom). The other factorial structures will dissipate and will change amounts of energies (i.e. expand and shrink in volumes of energy terms) but will not divide into smaller units containing all the same attributes (of solidity). For example the luminous factorial structure can absorb or take on measured quanta of light energy called photons. But gravity has very little effect (but some) on light structures.

We know from measured gravitational forces and well proven stellar atomic nucleosynthesis theories how gravity affects atoms, especially stripped down atoms (no electrons) and how they react. This is basically a nucleus to nucleus process, where one nucleus approaches the other nucleus in distance. The end process is spectacular and called supernova or Jad'asphot'a in stars.

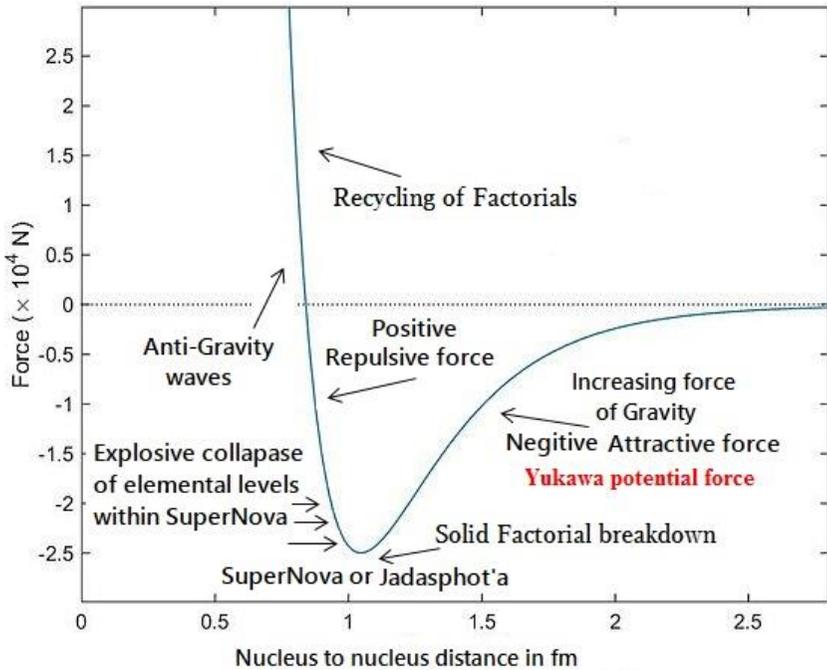
Now let us look at a scientifically empirically measured experiment of nucleons showing how an attractive (negative) force called the Yukawa potential force (Coulomb potential) between nucleons becomes a radically repulsive (positive) force at very close proximity of about 0.8 fm.



Yukawa potential force between nucleons becomes a radically repulsive (positive) force

<https://commons.wikimedia.org/wiki/File%3AREidForce2.jpg>

It is the solid factorial structure that contains the most stable portion of the microvitic atom and when the limits of intra-atomic spacing are reached its stability dramatically explodes. Using the exact same Reid Force drawing but adding the nomenclature showing how gravity causes the exact same reaction among the five factorial nuclei before and within a Supernova or Jad'asphot'a:



Attractive gravity (Bala) Drawing comparing Yukawa potential force

This dramatically shows that the fundamental force or strong attractive force that binds elementary particles together to form elementary nucleons (as in current empirical physics) theory) is none other than gravity (or Shrii Shrii Ánandamúrti's Bala). Bala is the resultant name and is represented by two opposing forces, vidyá (negative attractive force) and avidyá (positive repulsive force or anti-gravity in supernova nuclei explosions).

Yes, Shrii Shrii Ánandamúrti's microvita theory of atoms consist of more than two basic forces and energy; but also of a sixth subtle controlling nucleus, five factorial nuclei, microvita swarm and a nuclei balancing factor of prama'trikon'a.

Where modern physics theories of QED and QCD theories include gravity as one of the 3 or four forces of the universe they fail to describe the symmetry of the natural forces of nature; Shrii Shrii

Ánandamúrti doesn't need to combine them all in to one Grand Unification Theory. He literally saw and felt the inside of atoms. All the 3-4 basic forces are one (or two if you prefer) but the current formula for gravity needs to be modified to accept the exponential force curves at small fm distances and accept the facts that microvita (but different types) can be variable force carriers or mediators within and without the nucleus of five rudimental factorials.

Summary of atomic formation

We will accept the basic statements of Shrii Shrii Ánandamúrti that gravity as bala is the resultant of the sum of the two basic opposing forces within the atom. That the resultant force must be interial (negative-attractive) within the atom to hold the structure together. That the physical structure is the total of the five factorials energies being balanced dynamically by prama'trikon'a under control of a 6th subtle nucleus. The elementary charge q within the nucleus could be a static positive nucleus relative to a microvitic negative swarm -e; simply to be fairly consistent with current physical theories. Then we can make accurate predictions as to the actual make-up of the center of the atom.

What are the items within the nucleus consistent with current revelations?

1. Microvita can act as variable force carriers
2. Pramatrikonic overall nucleus balances energies in accordance with environmental conditions
3. Factorial physical structure (sheltering various levels of energies) acting as five different physical factorial nuclei
4. Different levels of energies within respective factorials

Why does the physical nucleus appear to be relatively solid in elements? The solid factorial is by far the overwhelming majority of mass (energy) within the mundane world of physical elements. In reality the actual percentage distribution of each factorials energies (mass) within the protium nucleus is probably among the ratio of: $E_{85}P_3F_{10}L_1S_1$. The number of factorials remains the same but the

energy ratio between factorials changes in accordance with environment (states of matter).

If the sum of all factorial energies within any elemental atomic nucleus is said to be kept balanced at 100 by prama'trikon'a (to maintain a stable protium atom), then ionic charges are a temporary variance in the microvita swarm that are brought into pramatriconic balance by combining or merging with other atomic structures.

In elemental ^{12}C carbon for example, the total mass (energy) would be twelve times the basic protium totals in the nucleus or $12(\text{E}_{85}\text{P}_3\text{F}_{10}\text{L}_1\text{S}_1)$ in a single atom of ^{12}C carbon (not including the microvita swarm). Each of the twelve basic nuclei would each individually (as basic structural units) contain their original five rudimental structures with their controlling pramatriconic (psychophysical) nucleus individually. Even with this much accumulated mass of energies we cannot recognize a single elemental atom of ^{12}C carbon with our limited (or electronically expanded) senses.

Remember carbon as an element is created in saincara as unit structures and has gone through the stellar nucleosynthesis process. This process will strip off the original microvita and the carbon atom will reform per se using microvita –e elementary charge that the new ^{12}C carbon can sustain. Speculatively, I would guess that 3-e quanta of microvita = about 1 electron in mass and probably in accumulated charge. Here I am assuming that the quantum charge of microvita is probably 1/3 the elementary charge carried by a single electron.

In addition the new ^{12}C carbon atom will have a controlling psychophysical nucleus made of collective subtle microvitic mind. These microvita do not have to be the same as the ones used in the basic structures. Remember each microvita has individual sub-assembling algorithms. These ^{12}C forming microvita will vibrationally assemble¹⁰⁹ the basic ^{12}C form and balance the new ^{12}C structure. That means it will act as the ^{12}C controlling psychophysical microvita

¹⁰⁹ See raga discription in [Quantum microvita coloring](#)

nucleus, controlling the microvita swarm quanta in their bonding roles with other elements and molecules.

Master Saṁskṛta Glossary

- abhimána inflated ego
ácárya m. or ácáryá f. spiritual teacher qualified to teach all lessons of meditation
adharma that which goes against dharma
adhruva changing, transitory
ádvaeta non-duality
aeshvaryas eight occult powers: ańimá, to become small (small enough to enter any physical particle or any crevice of another's mind); mahimá, to become large (an expanded mind is omniscient, and feels love for the universe); laghimá, to become light (a light body can fly through air, a light mind can study the minds of others); prápti, to obtain any desired object; iishitva, to control (this supreme control may be used to guide others' minds); vashitva, to psychically dominate others; prakámya, to materialize the desired outcome of events; and antaryámitva, to know the inner thought-wave and the inner need of any entity. these powers are also called "vibhúti". (note that though some of the powers may be used for similar ends, the ends are achieved by different methods)
ágama and nigama "nigama" means questions on spiritual topics; or the theoretical side of Tantra. "ágama" means answers to the questions; or the practical, applied side of Tantra
agryábuddhi pointed intellect
aham, ahamtattva doer "I", ego, second mental subjectivity
ahamkára false ego, pride
ájiṅá cakra see cakra
akhańda kiirtana continuous kiirtana
amávasyá new moon
anáhata cakra fourth psychic-nerve plexus, located at the mid-point of the chest; the "yogic heart".
ánanda divine bliss
Ananda Marga path of divine bliss; Ánanda Márga
Pracárika Sańgha (Ananda Marga organization)
Anitya transient
annamaya kośa the physical body, composed of the five rudimental factors
anucchúnyá unmanifested

anuloma and pratiloma the circumstance of a man marrying below or above his station, respectively, according to caste hierarchy
 aparā objective; controlled. see also para
 aparābhakti attraction to Aparā Brahma, the expressed aspect of Brahma. see also parābhakti
 aparājiṇāna mundane, or worldly, knowledge
 aparāvidyā knowledge of the mundane
 aparokṣā ānubhūti direct experience
 ārādhana irresistible urge for the Lord; forgetting oneself in the pursuit of the Lord
 artha anything (especially wealth) that gives temporary relief from suffering
 āsana the third limb of aśtāṅga (eight-limbed) yoga. āsanas: postures for curing physical problems, especially those that interfere with sādhanā
 āsana shuddhi meditation process to withdraw the mind from body awareness and concentrate it at one point
 asat untruth, opposite of Sat
 aśtapāsha eight fetters of the mind
 Asura an Assyrian tribe. among the Indo-Aryans, the term took on in addition the derogatory meaning “monsters”, and came to be applied by them in this sense to certain non-Aryan peoples
 ātmā, ātman soul, consciousness, Puruṣa, pure cognition. the ātman of the Cosmos is Paramātman, and that of the unit is the jīvātman
 ātmajiṇāna self-knowledge
 ātma-sukha tattva the principle of selfish pleasure
 avadhūta m. or avadhūtikā f. literally, “one who is thoroughly cleansed mentally and spiritually”; a monk or nun of an order close to the tradition of Shāeva Tantra
 Avidyāmāyā centrifugal, or extroversal force; aspect of the Cosmic Operative Principle which guides movements from the subtle to the crude. see also Vidyāmāyā
 Ayurveda the Vedic system of medicine
 Bhaga is a collection of six attributes: aeshvarya; viirya -- valour, command; yasha -- fame, reputation; shrii charm; jiṇāna -- knowledge, especially self-knowledge; and vaerāgya -- renunciation

Bhagaván the owner of bhaga, one who has fully imbibed the six qualities; Lord

Bhágavata dharma the dharma to attain the Supreme

Bala the resultant energy force working outside the scope of matter giving external pressure or gravity

Bhajana devotional song

bhakta devotee

bhakti devotion

bhakti yoga devotional form of spiritual practice

bhaktitattva the cult of devotion. see also Indian philosophies

bhava the expressed universe

bháva idea, ideation, mental flow

bháva sádhaná spiritual practice of auto-suggestion

bhúta, bhútatattva, mahábhúta rudimental, or rudimental, factor of matter. the five bhútas are the ethereal, the aerial, the luminous, the liquid and the solid; and they carry, respectively, the tanmátras of sound, touch, form, taste and smell

bijja mantra acoustic root; particular sound vibration from which a particular type of action stems

Brahma Supreme Entity, comprising both Puruśa, or Shiva, and Prakrti, or Shakti

Brahma Cakra The Cosmic Cycle -- the cycle of creation out of Consciousness, and dissolution back into Consciousness, through sañcara and pratisañcara

Bráhmaña (Brahman) The uppermost social group in India, who traditionally perform priestly functions or live by intellectual labour

Brahmatva Brahma-hood, supreme stance

Brahmaváda philosophical system of which Brahma is the essence

Bodhi intuition

buddhi, buddhitattva intellect

cakra cycle or circle; psycho-spiritual centre, or plexus. the cakras in the human body are all located along the susumná canal which passes through the length of the spinal column and extends up to the crown of the head. some cakras, however, are associated with external concentration points. the concentration points: (1) for the múládhára cakra, the base of the spine, above the perineum; (2) for the

svádhiśthána, the genital organ; (3) for the mañipura, the navel; (4) for the anáhata, the midpoint of the chest; (5) for the vishuddha, the throat; (6) for the ájñá, between the eyebrows; and (7) for the sahasrára, the crown of the head

Citishakti Cognitive Principle, Puruśa, Pure Consciousness

Citta done “I”, objective “I”, objective mind, mind-stuff

dádá literally, “elder brother”; may refer to an ácárya of

Ananda Marga

Dakśiñácára Tantra A school of Tantra that attempts to control Máyá through propitiation or appeasement

dásya bháva the devotional attitude of looking upon oneself as the servant of the Lord

deva mythologically, a god, a deity; philosophically, any vibration, or expression, emanating from the Cosmic Nucleus

devatá mythologically, a god or goddess; philosophically, a minor expression of a deva, controlled and supervised by the deva (deva and devatá are sometimes used interchangeably)

devii a goddess, a female deity

dhárañá the sixth limb of aśtámga (eight-limbed) yoga: restricting the flow of mind to particular points in the body; conception. (Tattva dhárañá means restricting the flow of mind to, or conception of, the rudimental factors.)

dharma characteristic property; spirituality; the path of righteousness in social affairs

dharma rájya literally, “reign of dharma”; rule of moralism

dharmacakra collective meditation; Buddha’s “wheel of dharma”

dharmakśetra the battlefield of the Mahábhárata war; the physical body (as the only venue in which dharma sáadhaná can be performed)

dhármika adjective of dharma

dhyána the seventh limb of aśtámga (eight-limbed) yoga: meditation in which the psyche is directed towards Consciousness

dhyána mantra Sanskrit verse listing the attributes of a deity, to be used for visualizing that deity in meditation

didi literally, “elder sister”; may refer to an ácáryá of Ananda

Marga

dvaeta duality

dvaetádvaeta dualistic non-duality
 Dvápara Yuga see yugas
 Ekádashii “eleventh” day after the new moon or full moon,
 days on which fasting is especially advantageous
 Gati mobility, movement
 giita song
 gopa m. or gopii f. village cowherd boy or girl; devotees of
 the Lord
 guña binding factor or principle; attribute; quality. Gunas are
 shape/form changing energy forces and when used as/in gunatrikonic
 triangle can modify and balance the factorial containers that bind the
 nucleus together. Prakrti, the Cosmic Operative Principle, is composed
 of: sattvaguña, the sentient principle; rajoguña, the mutative principle;
 and tamoguña, the static principle
 guru mantra “important” mantra, learned as a lesson of
 Ananda Marga sádhaná
 hirañmaya kośa the subtlest of the kośas
 hládinii shakti, Rádhiká shakti an expression of vidyá
 shakti, or Vidyámáyá, which one experiences as a desire to do
 something practical towards spiritual attainment
 Ishvara the Cosmic Controller; literally, “the Controller of
 all controllers”
 Indra that energy functioning within the scope of matter is
 called Indra in Sańskṛta, like mechanical energy, electrical energy,
 magnetic energy (philosophically, this energy is called indra)
 Jagat world, universe
 Janya Ishvara Sáńkhya concept of a Cosmic entity
 instrumental for creation
 Jiiva an individual being
 Jiivabháva finite subjectivity, feeling of the unit state, sense
 of the unit identity, microcosmic bearing
 jiivátmá, jiivátman see átmá
 jiñána knowledge; understanding
 jiñána yoga a form of spiritual practice which emphasizes
 discrimination or intellectual understanding
 jiñánii a sádhaka who follows the path of knowledge or
 discrimination

kalá flow with curvature, in a stage of the Cosmic Cycle dominated by the mutative principle

kaola one who practises kula sádhaná and is adept at raising one's own kuńdalinii

Kaoravas sons of king Dhritarastra, the adharmik forces in the Mahábhárata war

kapálíka sádhaná a form of spiritual practice which causes the aspirant to confront and overcome all the inherent fetters and enemies of the human mind

kapha see váyu, pitta, kapha and rakta

karma action; sometimes, positive or negative action which produces sańskáras

karma yoga a form of spiritual practice which emphasizes selfless action

karmii a sádhaka who follows the path of action or work

kiirtana collective singing of the name of the Lord, sometimes combined with a dance that expresses the spirit of surrender

kośa "level" or "layer" of the mind (either Macrocosmic Mind or microcosmic mind) in terms of its degree of subtlety or crudeness

krpá spiritual grace

Krśńasundaram Krśńa the Beautiful

Kśattriya a person whose mentality is to dominate over matter; written as "Kśattriya", a member of the second-highest caste in India

kuńdalinii, kulakuńdalinii literally, "coiled serpentine"; sleeping divinity; the force dormant in the kula (lowest vertebra) of the body, which, when awakened, rises up the spinal column to develop all one's spiritual potentialities

Kurukśetra the battlefield of the Mahábhárata war; the world (since it is as if the world is always saying,

liilá divine sport

loka a "level", or "layer", or "sphere" of the Macrocosmic Mind

Mahábhárata "Great India"; the name of a military campaign guided by Lord Krśńa around 1500 BCE to unify India; the epic poem written by Maharshi Vyasa about this campaign

Mahákaola a Tantric guru who can raise not only his own kuṇḍalinii, but those of others also; in Buddhist Tantra, Mahákaola is sometimes symbolic of Parama Puruśa

Mahápuruśa a person highly evolved psychically and spiritually, especially one who has consequently developed a charisma felt by other people

Mahásambhúti when Táraka Brahma utilizes the five rudimental factors to express Himself through a body, this is known as His Mahásambhúti

mahat, mahattattva “I” (“I am,” “I exist”) feeling, existential “I”

mantra a sound or collection of sounds which, when meditated upon, will lead to spiritual liberation. a mantra is incantative, pulsative, and ideative

mantra caetanya the awakening of a mantra; conceptual understanding of and psychic association with a mantra

márga path

Margi a member of Ananda Marga

Máyá Creative Principle, Prakrti in Her phase of creation. also, the power of the Creative Principle to cause the illusion that the finite created objects are the ultimate truth

Máyáváda doctrine of illusion. see also Indian philosophies

metazoic mind complex type mind using acquaintance, experience and microvitic endoplasmic coverage

microvita plural for microvitem

microvitem point-like, psycho spiritual living entity – intelligently designed with sub-assembling algorithms that are used as force carriers in all phases of creation

mithyá false, unreal

mokśa spiritual emancipation, non-qualified liberation

mudrá meaningful gesture; a yogic exercise similar to an ášana but incorporating more ideation

mukti spiritual liberation

múládhára cakra lowest, or basal, psychic-spiritual centre, or plexus, located just above the base of the spine. see also cakra

muni a saintly person devoted to intellectual pursuits

náda flow without curvature in a stage of Brahma Cakra dominated by the sentient principle

náđii psychic-energy channel; nerve
 namah salutations
 Náráyaña the Supreme Entity; literally, “the Lord of Nára
 (Prakrti)”
 Niiti morality
 Nirguña Brahma Brahma unaffected by the guñas; non-
 qualified Brahma
 onm, oṅmkára the sound of the first vibration of creation;
 the bijja mantra (acoustic root) of the expressed universe. oṅmkára
 literally means “the sound onm”
 ota yoga the association of Puruśottama with each unit
 creation individually in pratisaincara
 painca bhútas five rudimental or rudimental factors --
 ethereal, aerial, luminous, liquid and solid
 Pandavas the sons of king Pandu, the dharmic forces in the
 Mahábhárata war
 Pápa sin
 pápii sinner
 para subjective; controlling. see also apara
 parábhakti highest devotion to the Supreme; devotion to Para
 Brahma, the unexpressed aspect of Brahma. see also aparábhakti
 parájiñána spiritual knowledge
 Paramá Prakrti Supreme Operative Principle
 Parama Puruśa Supreme Consciousness
 Paramashiva see Puruśottama
 Paramátmá, Paramátman Supreme Consciousness in the role
 of witness of His own macropsychic conation. Paramátman
 comprises: (1)
 Puruśottama, the Macrocosmic Nucleus; (2) Puruśottamá’s association
 with all creation in His extroversal movement (protá yoga); and (3)
 Puruśottamá’s association with each unit creation individually (ota
 yoga) and (4) with all collectively (protá yoga) in His introversal
 movement
 Paráshakti introversive pervasive force
 Parávidyá spiritual knowledge, knowledge of the Great
 parokśa ánu bhúti indirect knowledge or experience
 Párthasárathi literally, “Arjuna’s charioteer”; Krśńa in the
 role of a king

Pátaka sin. there are two kinds: pápa, sin of commission, and pratyaváya, sin of omission

pitta see váyu, pitta, kapha and rakta

Prabháta Saṁgiita a collection of 5018 spiritual and psycho-spiritual songs composed by Prabhat Ranjan Sarkar (Shrii Shrii Anandamúrti)

Prakrti, Paramá Prakrti Cosmic Operative Principle

Prakrtitattva essence of Prakrti

práña energy; vital energy

práñáh vital energy

práñasha dissolution, total annihilation

práñáyama the fourth limb of aśtáṅga (eight-limbed) yoga: process of controlling vital energy by controlling the breath. a lesson of Ananda Marga sádhaná

prapatti “whatever is taking place in the universe is all due to the cosmic will”.

pratisaincara in the Cosmic Cycle, the step-by-step introversion and subtilization of consciousness from the state of solid matter to the Nucleus Consciousness. (“prati” means “counter” and “saincara” means “movement”)

pratyáhára the fifth limb of aśtáṅga (eight-limbed) yoga: withdrawing the mind from absorption in the physical senses

prota yoga the association of Puruśottama with all creation in His extroversive movement and with all the unit creations collectively in His introversive movement

purána mythological story with a moral import; educative fiction

purashcaraña upward movement of the kulakuṅḍalinii from múládhára cakra to sahasrára cakra, including the phases of mantrágháta and mantra caetanya

Puruśa Consciousness. Supreme Consciousness, the consciousness of the Cosmos, is Parama Puruśa, and a unit consciousness is an ánu puruśa

Puruśadeha the entire created substance, causal, subtle and crude, of the Macrocosm; Cosmic “I” + Cosmic doer “I” + Cosmic done “I”

protozoic mind cittic type physical mind guided by instinct only and unit existential I

Puruśottama Paramashiva the Nucleus Consciousness, the witness of sañcara (extroversion from the Nucleus) and pratisañcara (introversion to the Nucleus)

Quinquelemental composed of the ethereal, aerial, luminous, liquid and solid factors, or elements

Rádha bháva, madhura bháva “Rádha bháva” means literally the devotional attitude which Rádhá held as the beloved of Krśńa. “madhura bháva” means literally the “sweet”, or “honey”, devotional attitude

Raga (color) is chromatic (frequency modulated) an attractive harmonic force and holds the molecules together.

Rajoguńa see guńas

Rakta see váyu, pitta, kapha and rakta

Rámáyána an epic poem of India. it is the story of king Rama, or Ramchandra

Rárh the territory, mostly in Bengal, stretching from the west bank of the Bhagirathi River to the Parasnath Hills

Rasa cosmic flow; taste

Rásaliilá “Parama Puruśa has created an endless network of waves from the Cosmic Nucleus according to his own sweet will . . . each of these waves is a deva, but the fundament upon which these waves have been created is called rasa . . . the divine sport of these innumerable waves is called the rásaliilá”

rśi sage; one who, by inventing new things, broadens the path of progress of human society

rúpa tanmátra inferential waves conveying vision, i.e., the sense of form. see also tanmátra

Sadáshiva Shiva (literally, “eternal Shiva”)

Sádhaaka spiritual practitioner

sádhana literally, “sustained effort”; spiritual practice; meditation

sádhu virtuous person, spiritual aspirant. see also sádhaaka

sadrsha parińama homogenesis, a sequence of similarity of curvatures in the phase of creation dominated by rajoguńa

sadvipra spiritual revolutionary

Saguńa Brahma Brahma affected by the guńas ; qualified Brahma

sahasrára cakra highest, or pineal, psychic nerve plexus,
located at the crown of the head

saincara in the Cosmic Cycle, the step-by-step extroversion
and crudification of consciousness from the Nucleus Consciousness to
the state of solid matter. (saincara literally means “movement”)

samádhi “absorption” of the unit mind into the Cosmic Mind
(savikalpa samádhi) or into the átman (nirvikalpa samádhi); there are
also various kinds of samádhi that involve only partial absorption and
have their own distinguishing characteristics, according to the
technique of spiritual practice followed

samája society

samája cakra social cycle

sama-samája ttva the principle of social equality

sañsára the world as a dimension of relentless, unceasing
movement

sam'ska'ra mental reactive momentum, potential mental
reaction

samicrovitait shakti an expression of vidyá shakti, or
Vidyámáyá, which one experiences as the realization that life has a
higher purpose

sannyásii m. or sannyásinii f. literally, “one who has
surrendered one’s everything to the Cosmic will” or “one who
ensconces oneself in Sat, the unchangeable entity”; a renunciant

sáráthi charioteer

Sat, Satya, Satyam “that which undergoes no change”;
Absolute Reality

satsaunga good company

sattvaguña see guñas

shabda sound

Shaeva Dharma Shaivism; the theoretical or philosophical
side of spirituality as taught by Shiva

Shaeva Tantra Shiva Tantra; the applied, or practical side of
spirituality as taught by Shiva

Shákta a follower of Sháktácára, the Shakti Cult; hence, any
aspirant who embodies the characteristics of Sháktácára,
especially the

judicious application of power

Shakti Prakrti; energy; a deification of Prakrti

Shambhúliunga fundamental positivity
shástra scripture

Shiva a great Tantric guru of 5000 BCE who guided society while His mind was absorbed in Consciousness; hence, Infinite Consciousness, Puruśa

Shivabháva the stance, or bearing, of Infinite Consciousness

Shiva-liunga originally a phallic symbol, later given philosophical significance as “the entity from which all things originate”

Shloka a Sanskrit couplet expressing one idea

shúdra Written as “shúdra”, a person with a mentality of physical enjoyment only, a member of the labourer social class; written as “Shúdra”, a member of the lowest caste in India.

siddha mantra a mantra “perfected” by the guru

siddhi Self-realization; spiritual attainment

svarúpa parińama homomorphic evolution, a state before creation in which all the guńas are in equipoise

Svayambhúliunga ultimate point of negativity, or crudity, in the human body

Tamoguńa see guńas

tańdava a vigorous dance for male spiritual aspirants, originally formulated by Shiva. it develops the glands in a way that enhances courage and fearlessness. when Shiva Himself does this dance (Shiva Nańarája), the dance becomes a metaphor in which Supreme Consciousness sends vibrations throughout the universe and causes all objects of the universe in turn to radiate vibrations

tanmátra literally, “minutest fraction of that,” i.e., of a given rudimental factor of matter. also translated “generic essence” or “inferential wave”. the various types of tanmátras convey the senses of hearing, touch, form (vision), taste and smell

Tantra a spiritual tradition which originated in India in prehistoric times and was first systematized by Shiva. it emphasizes the development of human vigour, both through meditation and through confrontation of difficult external situations, to overcome all fears and weaknesses. also, a scripture expounding that tradition

Táraka Brahma Supreme Consciousness in Its liberating aspect

Upadharmas secondary dharmas

upádhi and padavii the special and ordinary quality or characteristic of anything

-váda and -vádiis suffixes meaning, respectively, “doctrine of”, or “ism”; and “followers (of a doctrine)”

Vaeshya a person of acquisitive mentality, a member of the capitalist social class; written as “Vaeshya”, a member of the second-lowest caste in India

Vaesńava Vaishnavite; pertaining to the Viśńu Cult or Religion

vátsalya bháva the devotional attitude of looking upon the Lord as one’s child

váyu, pitta, kapha and rakta váyu comprises (1) the ten basic energy flows in the body, performing specific functions; (2) the gas that is created in the digestive tract when the energy flows become distorted. pitta is the expression of the luminous (fire) factor in the human body, responsible for digestion and preservation of body heat. Examples of pitta are the liver bile and pancreatic juice. kapha denotes mucus, phlegm, and all physical factors (such as some factors of the blood) which tend to create mucus. rakta is blood

váyus the ten basic energy flows in the human body

veda literally, “knowledge”; hence, a composition imparting spiritual knowledge. also, a religious or philosophical school which originated among the Aryans and was brought by them to India. it is based on the Vedas and emphasizes the use of ritual to gain the intervention of the gods

Vidyámáyá centripetal, or introversal force; force of attraction to the Nucleus Consciousness; aspect of the Cosmic Operative Principle which guides movements from the crude to the subtle. see also Avidyámáyá

viirácárii a follower of Viirácára Tantra; a Tantric who adopts a particularly “heroic” ideation while seeking to confront and overcome all mental weaknesses

vikśepa shakti an expression of avidyá shakti, or Avidyámáyá, which one experiences as the delusion that if one remains aloof from the Supreme, the Supreme will not be in a position to control his or her destiny

vimukha anger, permanent displeasure

vinášha transformation through destruction

vipra a person who controls others by his wits, a member of the intellectual social class; written as “Vipra”, a member of the highest caste in India.

viveka conscience, power of discrimination between good and evil

vraja the spirit of joyful movement

Vrajagopála Vraja Kṛśṇa as “that entity who takes people forward through joy, amidst various expressions of bliss”

vṛtti mental propensity

Yama and Niyama moral codes

yoga spiritual practice leading to unification of the unit ātman with Paramātman

yugas the mythological four ages (Satya Yuga, or Golden Age, Treta Yuga, or Silver Age, Dvāpara Yuga, or Copper Age, and Kali Yuga, or Iron Age), representing the step-by-step decline of morality and spirituality

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