

# Nobel Prize Physics 2011 -"for the discovery of the accelerating expansion of the Universe through observations of distant supernovae" Is On Myth Theory Of BigBang. It is Hoyle – Narlikar Universe Model, In The Light Of Olber’s Paradox, That Decides Rate Of Expansion and Contraction Of The Universe

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**Abstract:** Big Bang model of origin of the universe is discarded as this model could not reveal nature of dark matter and dark energy of the universe. It is creation physics that reveals nature of DM and DE first. Our universe is closed universe and it is bounded by cold dark matter layer (CDM ) expanding with velocity of light . Hence photons of bright galaxies could not touch boundary of universe in expansion phase. Hence night sky is black. Olber’s Paradox is mathematical fiction and it has nothing to do with equation of infinitely brightness with black night sky observation making it paradox. There is no paradox rather it is due to expansion hypothesis of the universe with velocity of light by CDM layer making boundary of universe. During destruction phase when CDM layer would contract with velocity of light, all photons striking the layer would transform in to tachyons and they would not return to us. We would see night sky black even in contraction phase of the universe. Triggering of expansion and contraction of CDM layer is triggered by mind (unconditioned thought expression) of Highest center of the universe, or by order of Almighty B.B.B.

**Keywords:** Mind and Mass, Atomic transcription and Translation, Basic Building Blocks, Hoyle Narlikar universe

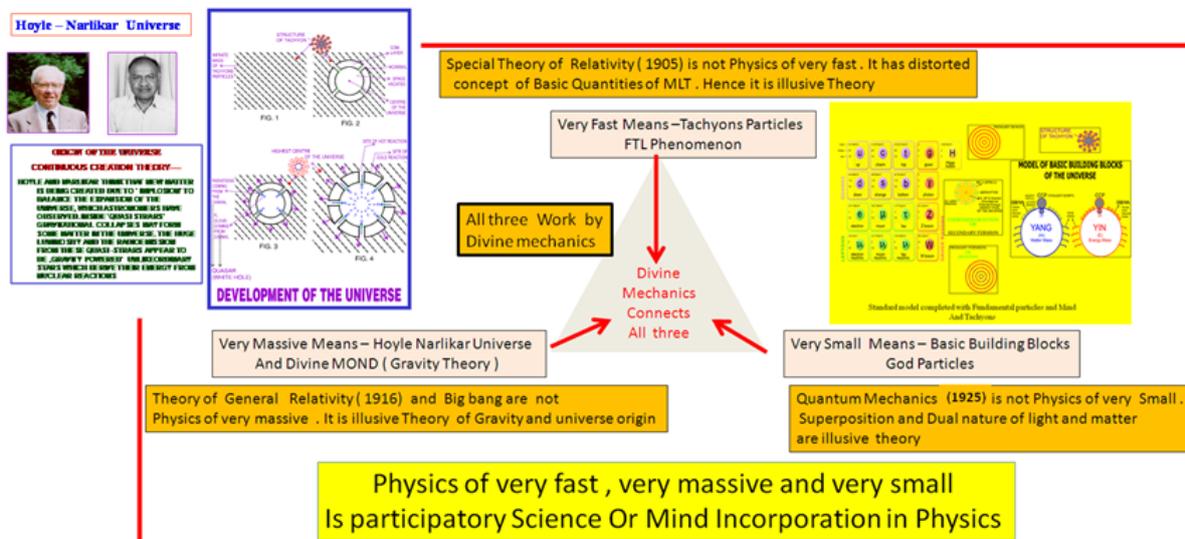
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## I. Introduction

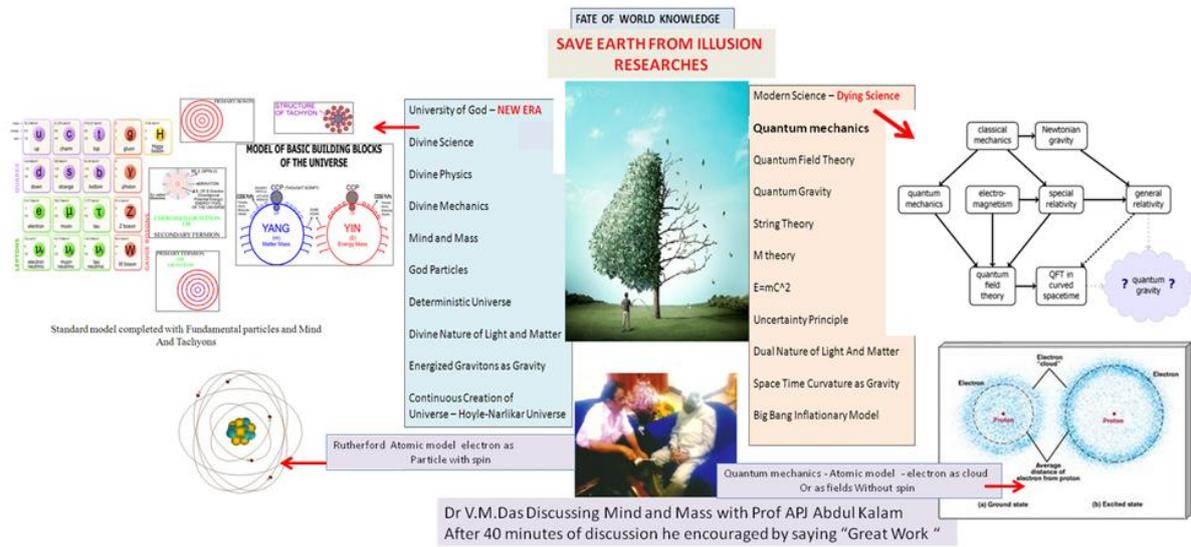
1.1 Three revolutions of Physics and what is physics?

What is New Physics or Physics of Mind ? as shown below



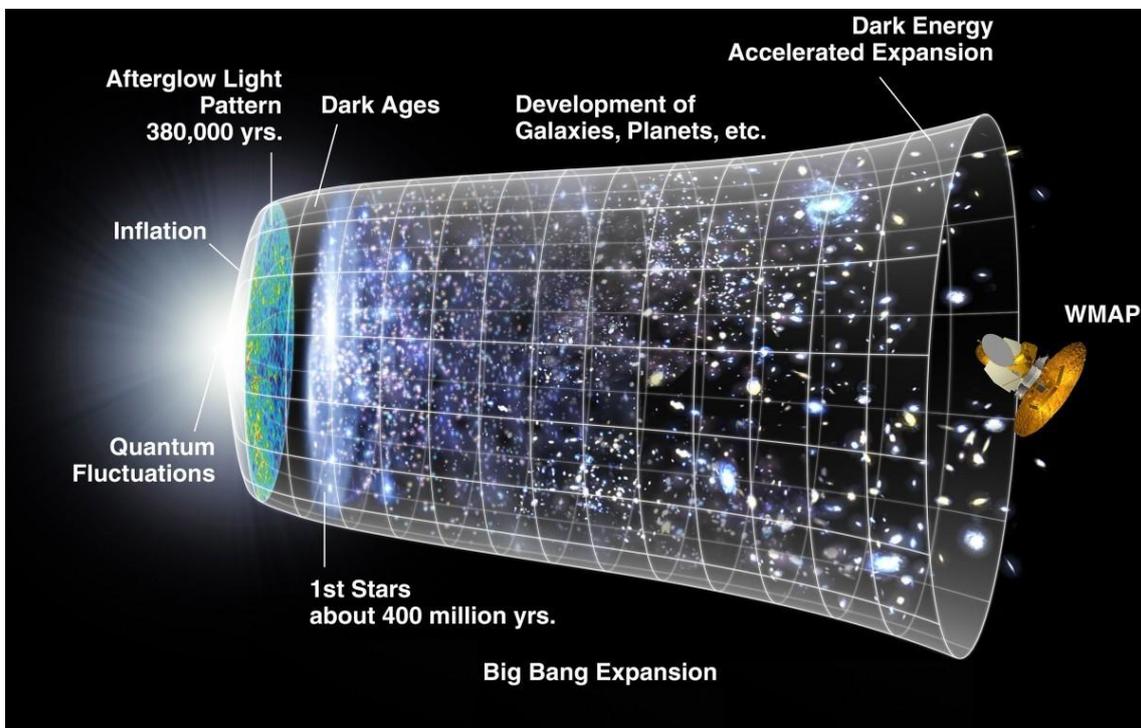
Physics of Mind

Fate of world’s knowledge . - Final revolution – Divine Mechanics in physics as shown below .



If Spin of particles collapses the entire universe effects( structural effects , physical effects , chemical effects and spectral effects ) , life sciences effects would be collapsed. But on the contrary it does not happen . Hence Quantum Mechanics is not correct .

**Award Ceremony Speech [1]**



Wrong Depiction of Origin ( Big Bang ) and Fate Of universe ( Accelerating expansion of the universe )  
 Presentation Speech by Professor Olga Botner, Member of the **Royal Swedish Academy of Sciences**; Member of the Nobel Committee for Physics, 10 December 2011

*Your Majesties, Your Royal Highnesses, Ladies and Gentlemen,*

Allow me to start in English by citing a short poem by the Danish scientist, poet and designer Piet Hein, called *Nothing is indispensable – grook to warn the Universe against megalomania:*

*The Universe may*

*be as big as they say.  
But ... it wouldn't be missed  
if it didn't exist!*

Well ... If the universe didn't exist, we would definitely not be sitting here today!

Humans are a part of the universe – just like the planets, the stars and the galaxies. The building blocks of every cell in our bodies – carbon, oxygen and other atoms – were formed inside ancient stars that exploded in the Milky Way perhaps 10 billion years ago, long before the solar system came into existence, just like the elements that the planets were formed from. Galaxies, stars and planets are affected by the same forces of nature as we are – especially gravity, which determines the orbits of planets and affects the life cycles of stars – and makes sure we have our feet on the ground. In order to understand ourselves, we must try to understand the universe!

This year's Nobel Prize in Physics is about star explosions and about gravity – indeed, about the whole universe.

By observing distant galaxies with the help of telescopes, nearly 100 years ago scientists discovered that our universe is getting bigger and bigger. The distances between the galaxies are constantly increasing, like the spaces between raisins in a raisin cake swelling in the oven. If we extrapolate backwards in time, we realise that this expansion must have begun about 14 billion years ago – in a primordial explosion that British astrophysicist Fred Hoyle called the Big Bang. During the past five billion years, roughly since the formation of our solar system, the universe has doubled in size, and it is continuing to expand. But – all matter in the universe is attracted to all other matter because of gravitation. The distances between the galaxies should not be able to continue increasing as rapidly for all eternity – the expansion should eventually slow down. It can be calculated that if the universe contains more than six atoms per cubic metre, this expansion must stop. The universe should start shrinking and eventually end with a Big Crunch, the opposite of the Big Bang. Is that the fate of the universe?

In order to answer this question, we must study whether the expansion rate of the universe is changing over time. Luckily we have access to a "time machine": The light reaching our telescopes from distant stars has travelled through space for millions and even billions of years and has gradually become redder, since space itself has expanded. If we compare the redshift that is measured for many different objects using the models for the expanding universe permitted by **Einstein's** General Theory of Relativity, we can discover the model that describes the real universe. The redshifts can be interpreted as distances, but this interpretation depends on various assumptions in the models about the balance between different forms of energy, for instance the quantity of radiation and matter. If we can compare these model-based distances with other, independent distance measurements of the same objects, we can determine the energy balance of the universe. But then we need objects that are visible across enormous distances – sources of light billions of light years away.

The scientists who are being awarded the Nobel Prize in Physics today have studied distant star explosions – supernovae. These events release enormous quantities of energy: during a few weeks, a single supernova can outshine all the hundreds of billions of stars in a galaxy. Stars can be ripped apart in many different ways, but it turns out that in special cases, explosions occur that always emit the same amount of light. These explosions can be recognised by carefully studying observed starlight. Since the quantity of light released is always the same, the distance can be determined from the intensity of observed starlight. The further away the supernova – the fainter it seems!

But the universe is big, and finding the right kind of supernovae is a challenge to scientists. The Laureates and their research teams used digital technology and invented efficient methods for repeatedly searching patches of sky and comparing thousands of images. Dozens of supernovae were discovered, and with the help of the world's largest telescopes, their type and brightness could be determined, as well as the distance indicated by their redshift.

To everyone's utter amazement, the supernovae seemed to be much too dim – weaker than expected if the expansion of the universe had slowed down. Instead, the universe has been expanding faster and faster. What, then, is causing this expansion rate to increase? The answer might be: a special form of energy, called dark energy, which is pushing the universe "outward". A similar form of energy – the cosmological constant – was discussed by Einstein as early as 1917 but was later removed from his theory. Dark energy seems to make up about 73 per cent of all energy in the universe, which has been confirmed during the past decade by the distribution of galaxies across large distances and by studies of cosmic background radiation.

The discovery of accelerating expansion through studies of distant supernovae has thus changed our image of the universe in an unexpected, dramatic way. We have realised that we live in a universe which largely consists of components that are unknown to us. Understanding dark energy is a challenge for scientists all over the world – in keeping with Piet Hein's motto:

*Problems worthy of attack*

prove their worth by hitting back.

Professor Perlmutter, Professor Schmidt, Professor Riess, You have been awarded the Nobel Prize in Physics for the discovery of the accelerating expansion of the Universe through observations of distant supernovae. On behalf of the Royal Swedish Academy of Sciences it is my honour and my pleasure to convey to you the warmest congratulations. I now ask you to step forward to receive your Nobel Prize from the hands of His Majesty the King.

**1.2 Mind and Mass Realities [2]**

**This is called Final Truth . Mind and Mass** mysteries have emerged like  
**OMNIPRESENT** i.e. Every small and bigger units are made up of these B.B.Bs  
**I am The origin of all every thing evolved from Me.—Gita 10/8**  
 These are divine in the sense that they talk with each other. They have power to transmutate to form any bigger unit of the universe . The triggering activity is atomic transcription and translation.

**Fig. 1** Divine Mechanics Unit – CCP, CP and information s – Code PcPs with B-Bit – Mass

Atomic genetics is the branch of science where we investigate about fundamental interactions of the universe i.e. atomic transcription and translations . New words have been coined to understand hidden science of mind part of reality. Mind reality has been recognized as different faces by “I” about 5000 years back to Arjuna in Mahabharata.as shown in Fig 1. It is just like to understand any language through Alphabets. These are ( different faces ) Alphabets of mind reality. One Mind reality has one face identity and the second mind reality has second face identity and so on. The facial expression represents phenomenon of intelligence and different faces represent different types of properties carrying property. The open eyes means property is activated while close eye means property is inactivated. In spite of carrying properties conscious ness they also know how to conduct not only origin of universe but also how to create two different universe i.e. next creation could be different from this creation . In all, it is automatic system of the universe . The mind realities which are of good properties have devtas face identity ( first five faces on both side ) and those mind realities which are of bad properties have demons face identity ( last four faces on both side ) . These are named as code PCPs or messenger atomic genes . The central face is CCP or Thought script where all thoughts of the universe are banked . It is bank of data of all information s of the universe It is face identity of Anti mind particles as data of all information’s of the universe are stored as anti mind particles . It is the Time mind ness ( biological clock ) that keeps on expressing different thoughts from this thought script (CCP) . There are four more faces ( black bodies ) shown on extreme left and right floating in fire are CPs ( translating Atomic genes) . That translates the messages and realizes it and reacts accordingly.[2]

**1.3. Messages From Biological world to understand B.B.B world as shown in Fig 2 [2]**

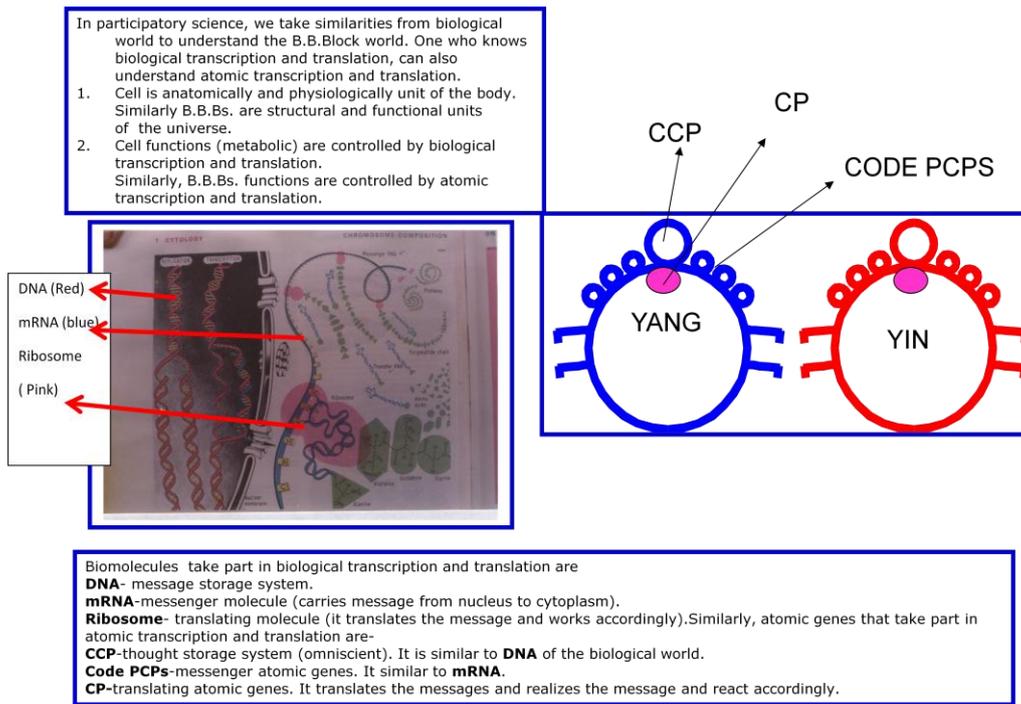
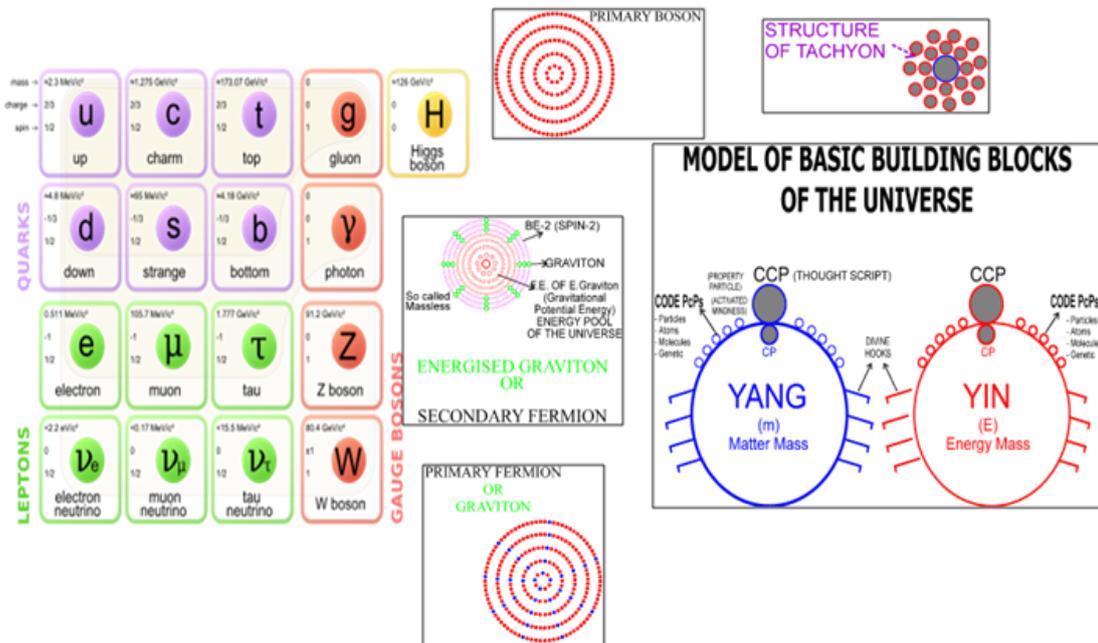


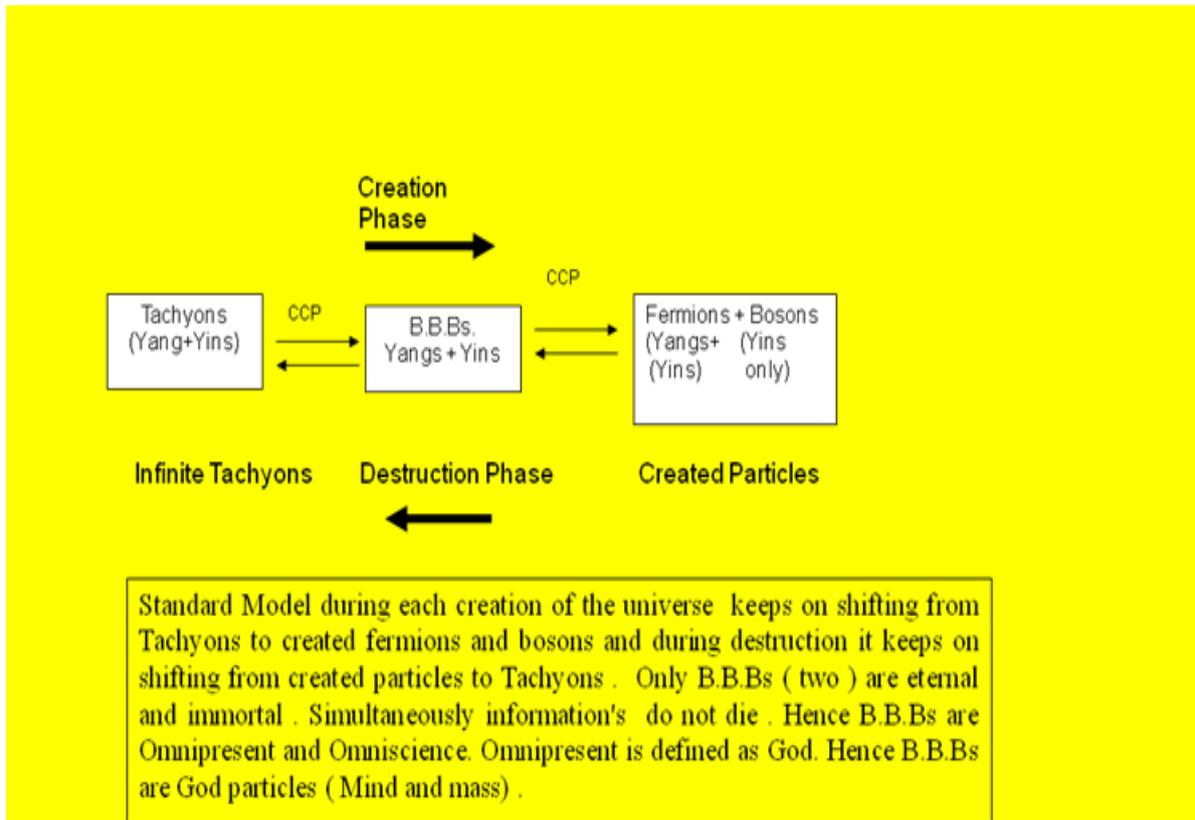
Fig. 2 Parallel teaching by participatory science

The standard model not only modified rather it has been completed [3] with introduction of energized gravitons , primary fermions, primary bosons , Basic Building Blocks , Mind and Tachyons as shown in Fig 3



Standard model completed with Fundamental particles and Mind And Tachyons

Fig. 3 standard Model chart [3]



**Fig .3.1** one creation and destruction cycle [4]

Participatory science has coined [5] some new words and there are some words which already exist in physics. Both these words are defined here and the definitions are according to participatory science. It has no relation with the definitions given in modern physics.

1. Mass - The part which gives shape to the smallest mass unit i.e. basics building blocks (B. B. Bs.) is called mass.
2. Matter :- Mixture of fermions and bosons or only bosons which are made up of mass (B.B.Bs) and that is why we realize their shape is called matter.
3. Inertial mass :- Mass (smallest mass units i.e. B. B. Bs) having inertial properties (classical inertia) either absolute rest or uniform motion in straight line is called inertial mass. Or Number of B. B. Bs. Per unit space present in bigger units is called inertial mass. Or Total matter contained by the bigger units or total number of fermions and bosons contained by the bigger units is called inertial mass. Therefore it never changes from place to place.
4. Gravitational mass :- The mass (interacting surfaces) which takes part in gravity (divine energized gravitons theory) interaction ( which is due to mind ) is called gravitational mass. When gravity interaction increases (number of divine energized gravitons increases) the interacting mass (interacting surface) also increases or when interacting mass (interacting surfaces) increases, gravity interaction (number of divine energized gravitons ) also increases. Therefore gravitational mass (interacting mass or surfaces) changes from place to place. It is the fed mind that decides gravity interaction. We shall discuss it in gravity chapter and in atomic genetics.
5. Pure m (matter) mass :- matter mass (smallest mass unit or B.B.B) which have got inertial property of absolute rest.
6. Energy mass :- Energy mass (smallest energy mass unit B.B.B) which have got inertial property of uniform motion in straight line and which also gives shape to the bigger energy mass ( Higgs Bosons etc ) units.
7. m ( impure matter ) of  $E=mc^2$  :- Matter particles (fermions) which have got spin property are called impure matter particles.

1.4 Prayer message formation in brain.

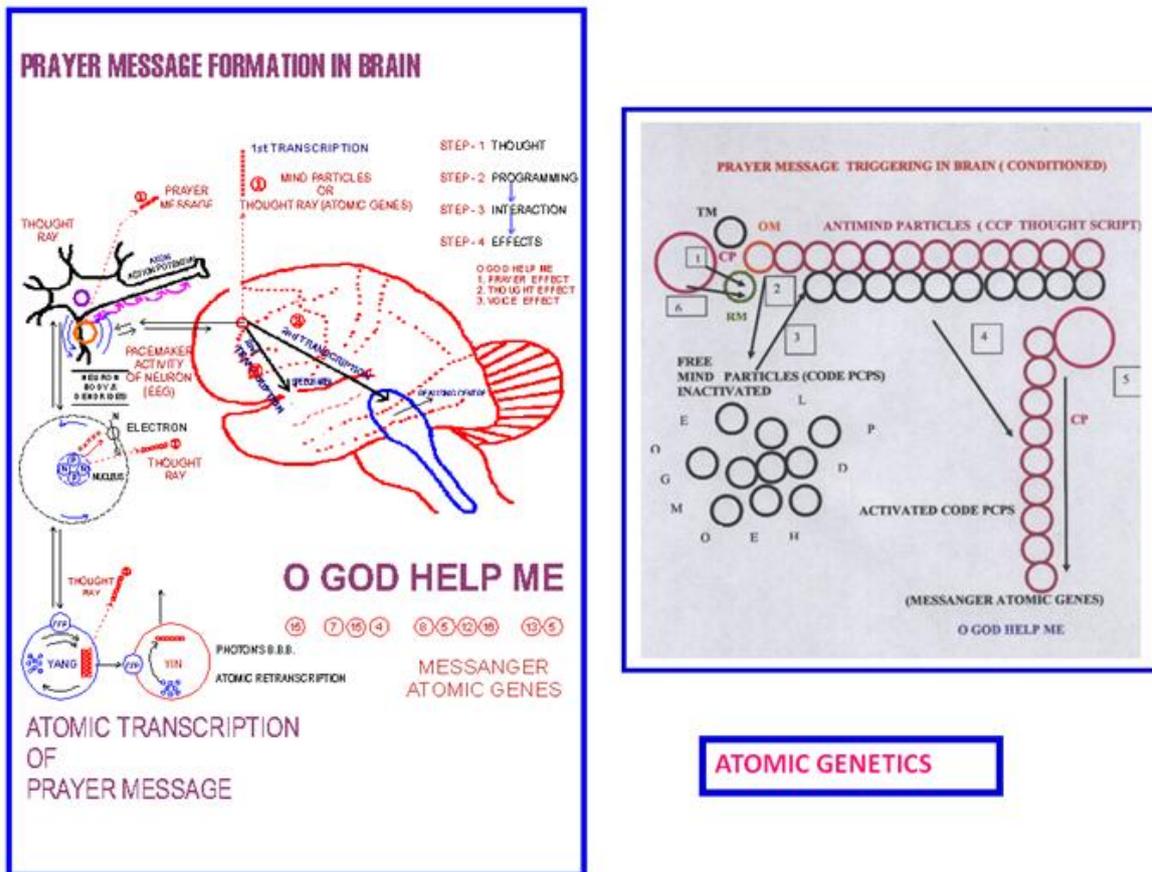


Fig 4 Divine Mechanics - Prayer message formation in brain

In atomic transcription and translation of prayer [5], following steps take place on Yang B.B.B – B-Bit as shown in Figure 4.

1. CP removes RM ( repressor mindness-green) from OM ( operating mindness -orange ) thus induction of atomic transcription triggers.
2. OM triggers activation of free mind particles ( black -inactivated code PCPs ) of that thought script (magenta) of “o god help me ”.
3. Free mind particles ( black -inactivated code PCPs ) get attached to anti mind particles script ( magenta one ) to form messenger thought script of “o god help me ”.
4. Messenger atomic genes ( black ) get activated by anti mind particles thought script and further they get detached from anti mind particles thought script to form activated messenger atomic genes ( activated code PCPs) ( magenta) of “ o god help me ”
5. CP carries phenomenon of splicing by translating the messenger activated atomic genes ( activated code PcPs ) and finally there is activated message of “ o god help me” is formed .
6. CP represses atomic transcription by adding RM ( green ) to OM ( orange) . Thus atomic transcription gets halt.

Having formed the message it comes out in three forms .

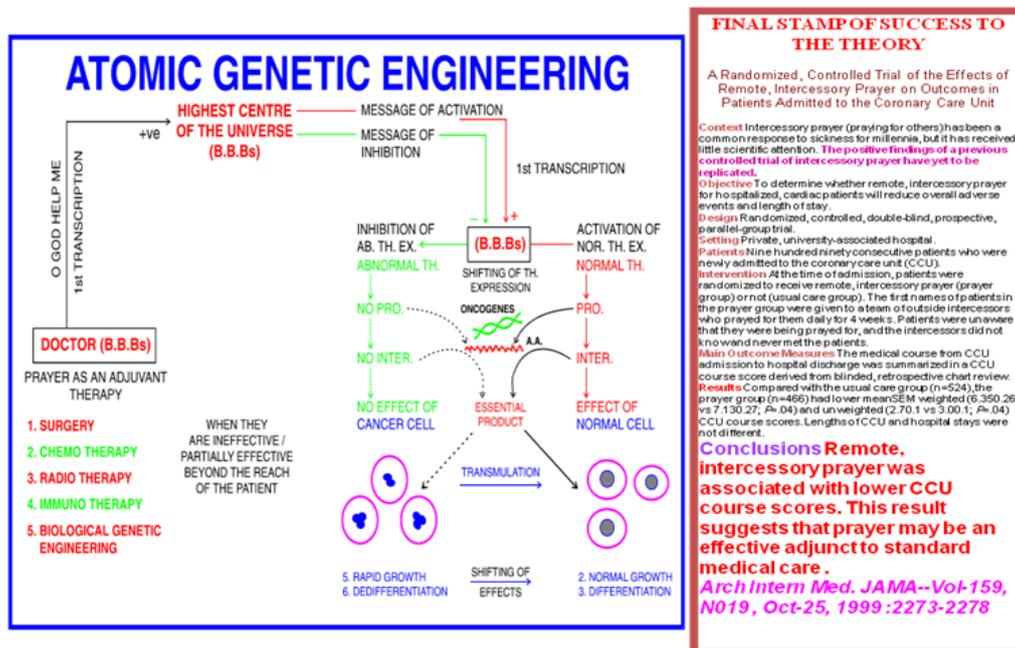
In atomic genetic engineering ( prayer ) we use our basic power i.e. power of B.B.Bs. Our B.B.B. (higher center) talks with highest center of the universe by sending the message by first transcription. Till today nobody knows how does the brain generate thoughts. I am going to tell you that mystery too. In the frontal lobe the neurons are responsible for thought generation. In the neuron there is electrical activity called pacemaker activity which is occurring between dendrites and the body of the neuron. The membrane of the cell is made up of atoms and atom is made up of B.B.Bs. At the level of B.B.B. say thought of 'O GOD HELP ME' is expressed. As a result programmed messages of O GOD HELP ME (code PCPs) are formed. Out of three programmed messages, one is carried by atomic genes to highest center of the universe. It is called **THOUGHT RAY ( Quantum entanglement )** which is made up of pure atomic genes and then the message goes through phenomenon called first transcription. They come out from brain directly. The other two messages are carried

by photons from nucleus of atom to electrons. Here they are modulated on electrical activity of the cell called pacemaker activity. Further they are modulated on actions potentials going towards **REALIZING CENTER** situated in brain stem (RAS) and from RAS to speech area situated in the frontal area. Target B.B.Bs. of the realizing center finally realizes thought effect of O GOD HELP ME. While from speech area message goes to motor cortex again via RAS and from there to vocal cords and finally it comes out as a speech effect of O GOD HELP ME. In layman's terminology formation of the thought ray means PRAYER as shown in Fig 4

Where Does Prayer Message go ?

Prayer message goes as shown in Figure 5 to highest center of the universe via first transcription where it is realized and it is accepted, the highest center sends two messages to B.B.Bs working as higher center in cancer cell. These messages are message of inhibition of abnormal thought expression and message of activation of normal thought expression. Having received the messages, higher center stops expressing the abnormal thoughts and it starts expressing the normal thoughts. As a result, there are no more abnormal programmed messages and in place of that normal programmed messages are there. Now the messages have shifted from abnormal (5 and 6) to normal (2 and 3). This shifting of thought expression is called **ATOMIC GENETIC ENGINEERING** as shown in **Figure 4.1**

The changed messages reach to target B.B.Bs. through same route. Having received the changed messages, target B.B.Bs. stop expressing the previous programming and they start expressing the normal programming. As a result the cancer cells transmutate into normal cells. **Or diseased cell gets cured [6]** as shown in **Fig 4.1**



**Fig . 4.1** A.G.E and Final stamp of success to New Theory[6]

### 1.5 Message system of the Universe

Before the origin of the universe [2] nature had only one type of message systems which is called **FIRST TRANSCRIPTION**. Messages ( Code PcPs ) used to go from one B.B.B. to another B.B.B. by atomic transcription. Messages were carried by atomic genes ( Code PcPs ) with very very high velocity. It is the fundamental message system.

After the origin of the universe, nature created atoms. It also created one more message system called **SECOND TRANSCRIPTION**. Here the message (code PcPs) are carried by photons from one atom to another atom with velocity of light. Thus atoms, molecules, cells, and even individuals talk with one another

After the formation of the cell, nature created one more system called **THIRD TRANSCRIPTION**. Here there is a message storage system formed by DNA. There are messenger molecules called mRNA that carry message from DNA script to cytoplasm where the message (code PCPs) is read or translated by ribosome and they work accordingly. Thus the messages reach to enzymes and hormones and finally messages reach to target units. Having received the messages, target units work accordingly. Finally life effects (metabolic) are observed. These three types of message systems are working in the nature. These message systems are being used by the nature according to nature's need, as shown in Fig 5

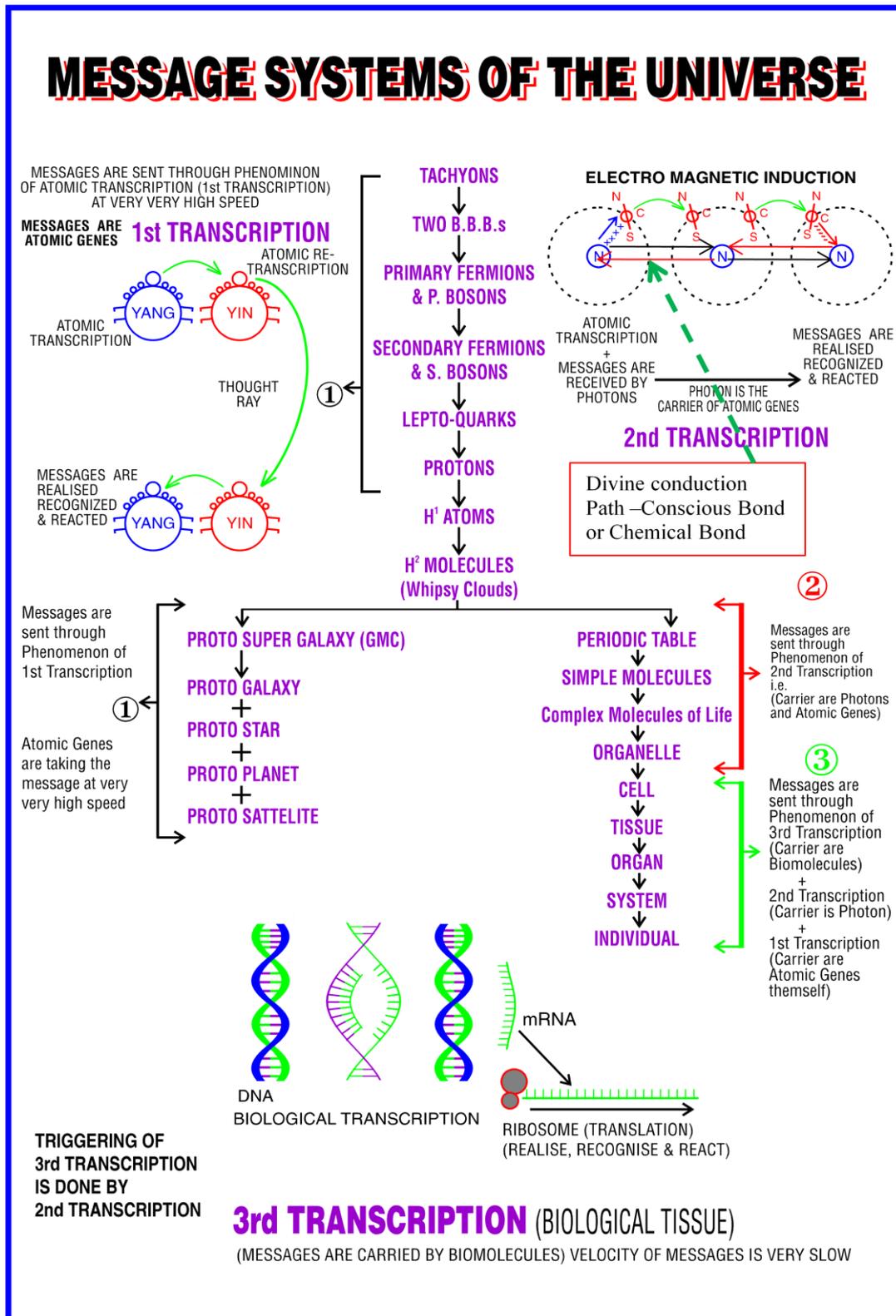


Fig. 5 Messages system of the universe

### 1.6 How does nature work & triggering of normal & abnormal effects

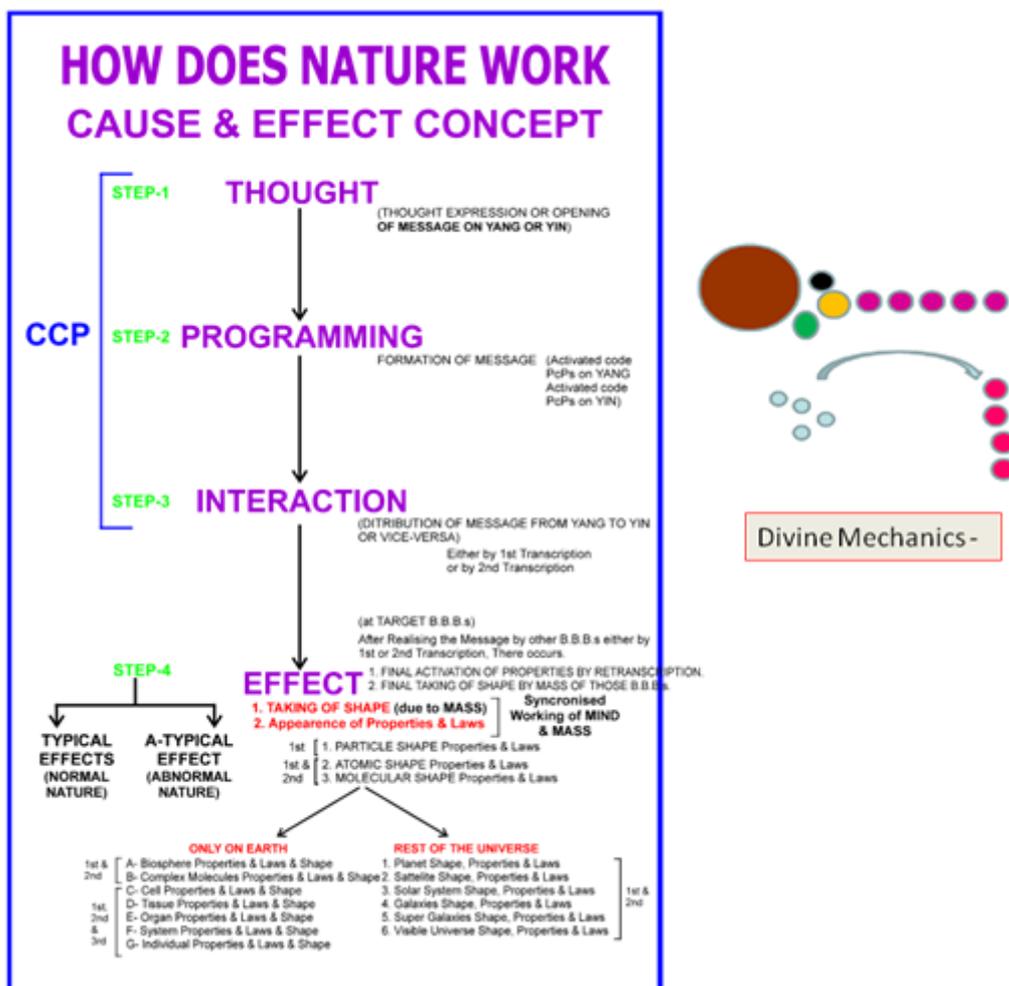
To understand creation physics as shown in Fig 6 and Fig 7. . There are two types of thought stimulation [2] . One is **CONDITIONED THOUGHT STIMULATION** and other one is **UNCONDITIONED THOUGHT STIMULATION**.

STIMULATION OF THOUGHT EXPRESSION --- There are two types of thought expressions one is **CONDITIONED STIMULATION** of thought expression, and other one is **self stimulation of thoughts** i.e. **UNCONDITIONED STIMULATION** of thought expression .

At the time of the origin of the universe, all effects got created. The cause of all effects of the universe is **THOUGHT** expression. These thought expressions were triggered by **UNCONDITIONED OR SELF STIMULATED WAY** . It is the first step and it is followed by **PROGRAMMING** or formation of programmed messages by code **PCPs**. This programmed message moves from higher centers to target **B.B.Bs**. it is called **INTERACTION**. Having received the messages, the mind and mass of the target **B.B.Bs**. work in a synchronized way so as to produced the effects as thought by a the higher center. If the thought expression by higher center is normal, the shapes, properties and laws produced by target **B.B.Bs**. would be normal and if the thought expressions are abnormal, the shapes, properties and laws would be abnormal. This is the basic concept of transmutation phenomenon. Finally what we observe is called **EFFECT**.

Appearance of new shapes. properties and laws is called **TRANSMUTATION**. The first three steps are collectively called **CCP**. During transmutation process if **CCP** is written, it does mean that unless the thought, programming and interaction take place, nature cannot transmutate. Transmutation phenomenon is seen in particles, atoms, molecules and even in cells. The basic steps of any transmutation remain the same except that the thought expressions differ.

*The subatomic particle are made up of more fundamental particles called Basic Building Blocks ( B.B.Bs) which are made up of mind and mass. These B.B.Bs are divine in nature with the result they talk with each other by phenomenon called atomic transcription and translation ( thought expressions). The triggering of broken symmetry is caused by atomic transcriptions. Unless the atomic transcriptions occur, subatomic particles could never exhibit phenomenon of broken symmetry . So the broken symmetry is never spontaneous. It is being mis understood that sub atomic particles do have spontaneous activities as far as broken symmetry is concerned. Hence the Nobel prize physics 2008 awarded to this work is too early to give prize.*



**Fig. 6 Divine Mechanics – How Does Nature work ?**

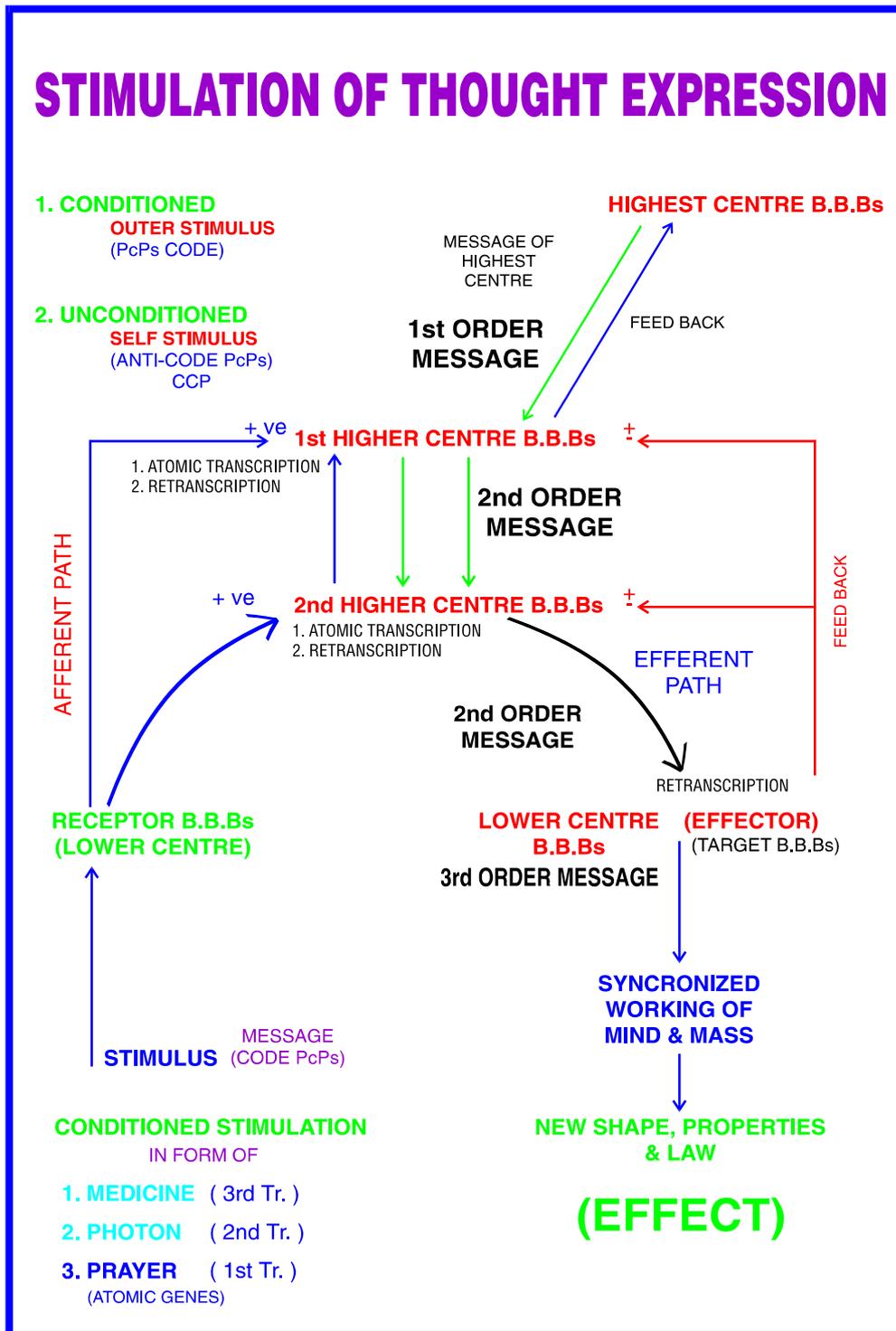


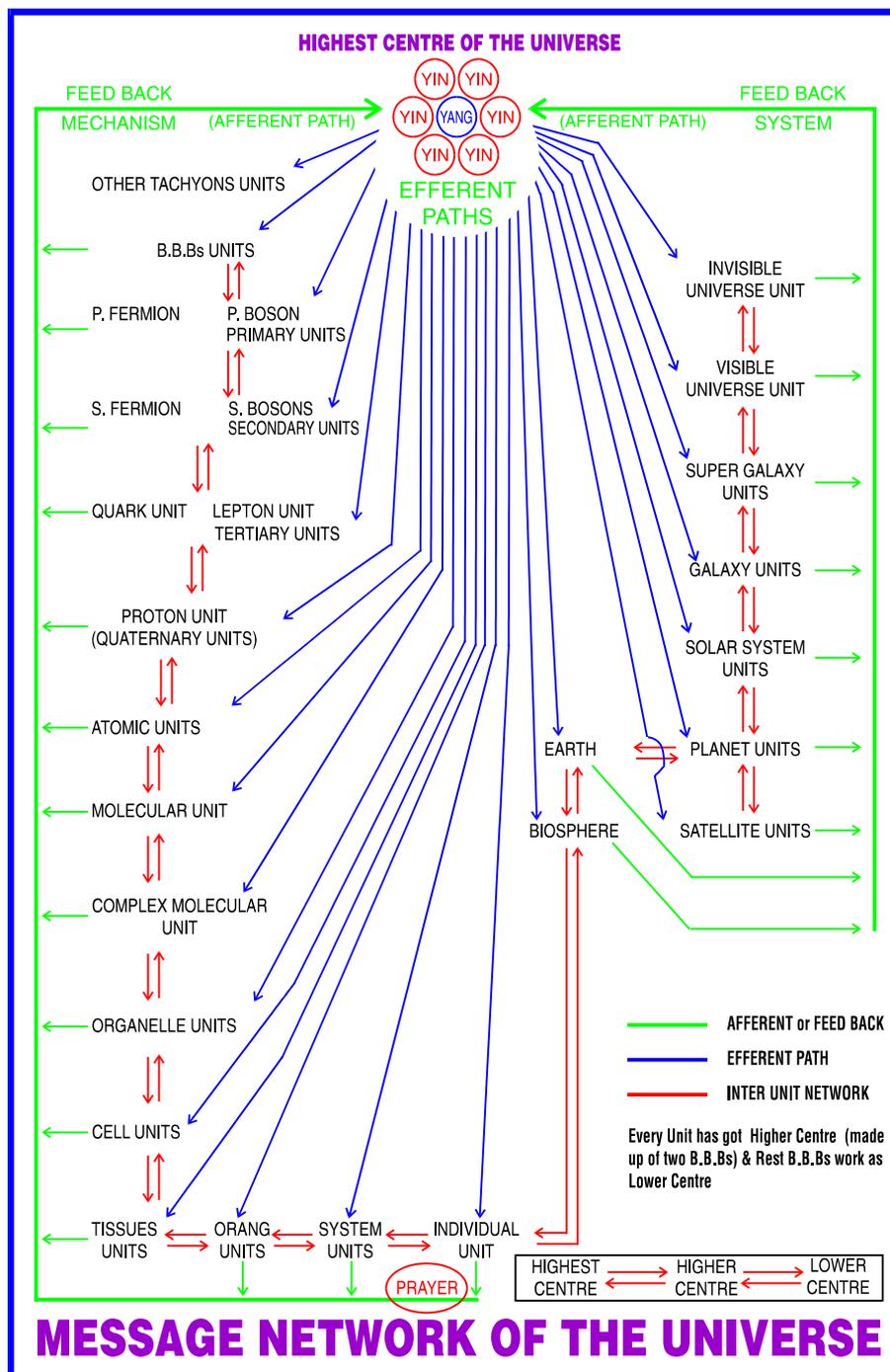
Fig. 7 Conditioned and Unconditioned thought expressions

**1.7 Message network of the Universe ( Feed Back Mechanism and different centers of the Universe )**

With the origin of universe, nature first created primary units i.e. primary fermions (gravitation) and primary boson, these primary units are equipped with one higher center (one B.B.B.) and rest of the B.B.Bs. are working as lower centers or target B.B.Bs.[2] After primary units ,nature created secondary units i.e. secondary fermions and secondary bosons. similarly nature created tertiary units (lepto-quarks) and then quaternary units (protons& neutrons).

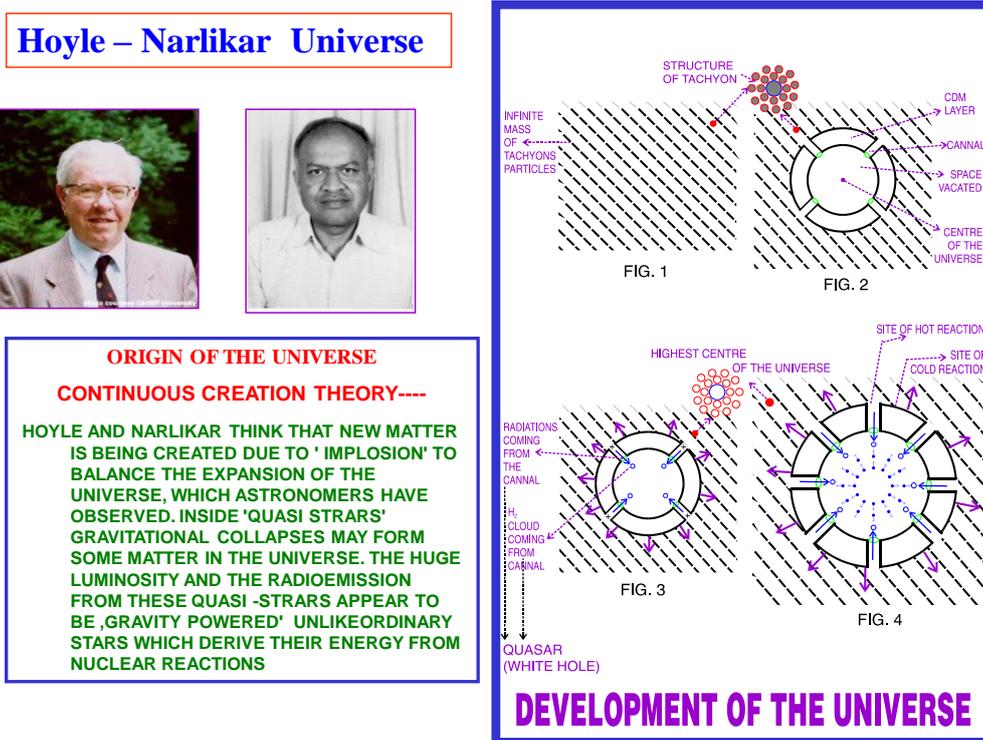
Each unit is equipped with higher centers, lower centers and target B.B.Bs. After quaternary units nature created atomic units, molecular units, complex molecules of life units, organelle units, cell units, tissue units, organ units, system units and individual units. Each unit is equipped with higher centers, lower centers,

and target B.B.Bs. Similarly nature created satellite units, planet units, solar system units, galaxy units, super galaxy units, dark matter layer unit. These units are also equipped with higher centers, lower centers and target B.B.Bs. Thus our universe is divided into different units and each unit is equipped with higher and lower centers. All higher centers are under control of highest center of the universe by efferent paths. This efferent path is made up of first transcription. Higher centers can send messages to highest center of the universe by afferent path or feed back path. Thus highest center of the universe is well informed about all effects of the universe. Messages can come from lower centers to higher centers and from higher centers to highest center of the universe via afferent path. The highest center of the universe can send messages to higher centers and from higher center to lower centers. There is an inter unit message network also which is made up of first, second and third transcription depending upon the nature's need. Thus the entire universe is under control of highest center of the universe. Highest center can change any programming programmed by it during pre creation era as shown in Fig 8



**Fig. 8** Messages Net work of the Universe

## 1.8 Origin of the universe [7]



**Fig. 9** Development of the Universe

Before the origin of the universe, these Basic Building Blocks (B.B.Bs) as shown in **Fig-3** were in the form of tachyons as shown in **Fig- 9** [7]. It means that at that time the tachyons were everywhere in the universe. Let us look at the structure of tachyons; it is made up of one matter B.B.B. (YANG) and many energy (YINs) B.B.Bs. Initially out of the infinite tachyons, one became the **highest center** of the universe. Messages used to go from highest center to rest of the universe and messages could come from rest of the universe to highest center of the universe by atomic transcription. Thus highest center had fed its thought to rest of the B.B.Bs. that would take part in creation - that they would express only those thoughts to give desired effect as wished by the highest center of the universe. So all B.B.Bs were informed about their role before creation of the universe. In pre-creation era programming of the future universe was done by highest center of the universe. Our universe is oscillating and it is a divine universe. It means that it has a creation phase and a destruction phase. During creation phase tachyons break into their B.B.Bs. and from these B.B.Bs, formation of fermions and bosons take place as shown in **Fig 3.1**. After the creation phase, destruction would start and in this phase all created particles would again break into their B.B.Bs and finally tachyons would form. At the time of origin of the universe, all the effects got created. These effects are taking of different shapes and appearance of properties and laws. All these effects are studied in various branches of science.

With the origin of the universe, nature first created a sphere of **COLD DARK MATTER (C.D.M)** and canals in it. With the result space got created. At the other end of the canals, hot reaction started (**the relics are back ground radiations 2.7 degree K of our hydrogen clouds**). As a result hydrogen clouds and lot of radiations were created. The empty canals were filled by these hydrogen clouds and radiations and thus **QUASARS** appeared in the universe. Simultaneously C.D.M. layer started expanding and clouds and radiations kept on coming in this closed universe as shown in **Fig 9** . With the passage of time more and more C.D.M. layer formed, more and more quasars formed. The hydrogen cloud came in this closed universe. They started running towards C.D.M. layer as they were attracted by the gravity of C.D.M. layer. Those clouds, which were nearer, moved faster than those, which were away from CDM Layer. The **HUBBLE LAW**, can thus be explained. With some more passage of time, clouds were joined to form **GMC** (giant molecular clouds). Later by self-gravitation different proto stars, proto planets, proto satellites were formed. Finally stars became bright and thus bright galaxies appeared in this universe. Our universe is still in expansion phase and creation is still going inside quasars. It is to be remembered that highest center of the universe does not come in the visible universe. It keeps on receiving the messages by atomic transcription and it has power to change any programming programmed by it during pre-creation era.

1.9 DM and DE i.e. energized gravitons and energy pool of the universe as shown in Fig 10 and Fig 11 [8]

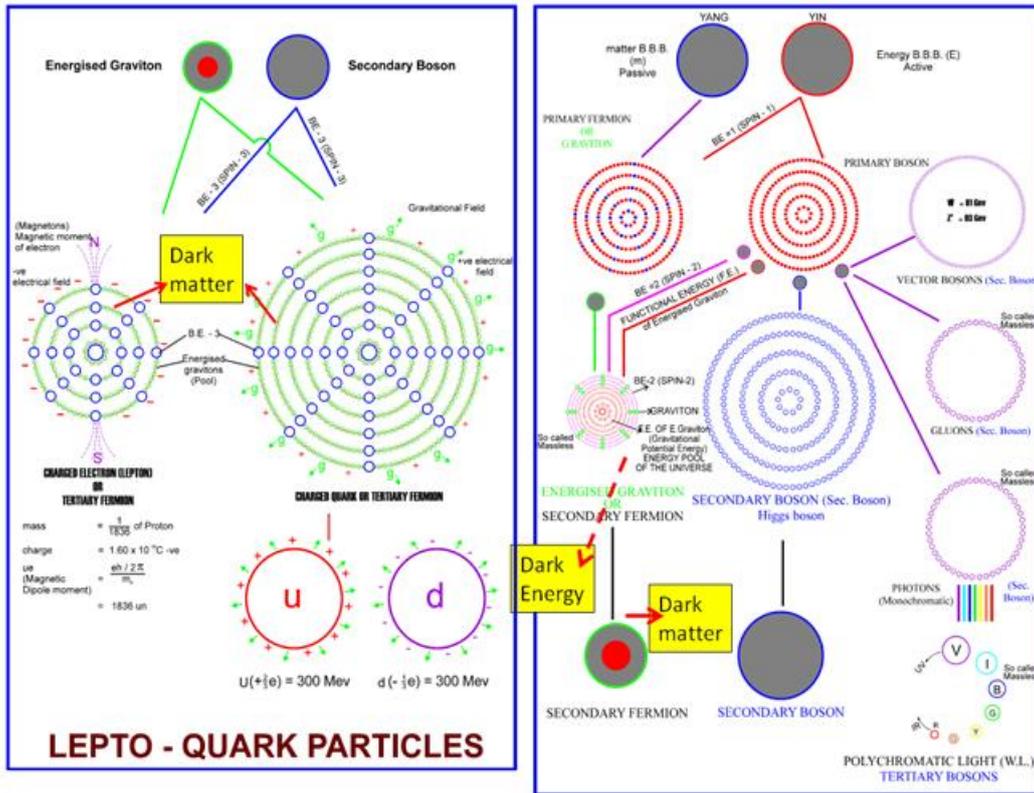


Fig. 10 Structural configuration of Leptons and Quarks as regard DM and structural configuration of DM and DE at micro level

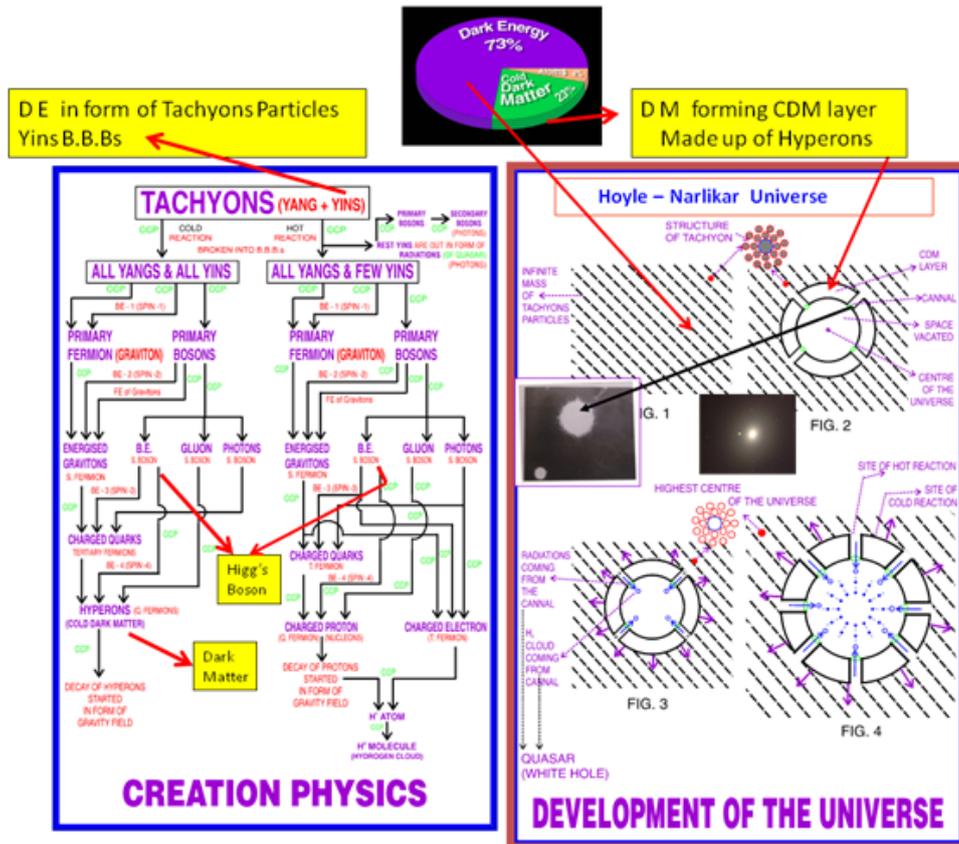
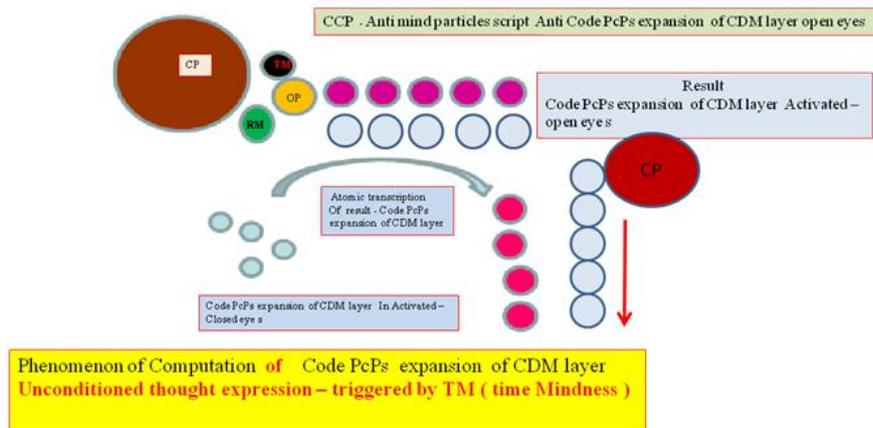


Fig 11 structural configuration of DM and DE at macro level [9]

## II. Structure

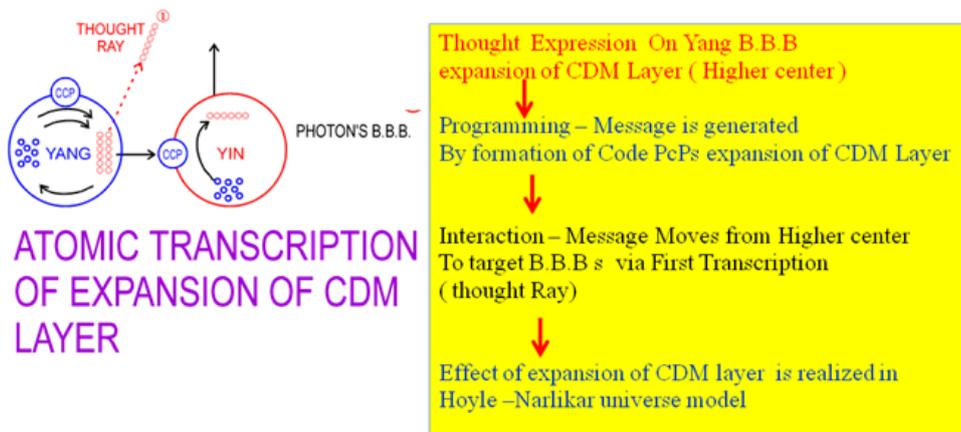
### 2.1 Triggering of phenomenon of expansion of CDM Layer ( micro as shown in Figure 12 and 13 and macro level )



**Fig 12** Phenomenon of computation of thought expression of phenomenon of **expansion of CDM Layer** ( micro level )

In atomic transcription and translation of expansion of CDM Layer , following steps take place on Yang B.B.B – B-Bit ( higher center )

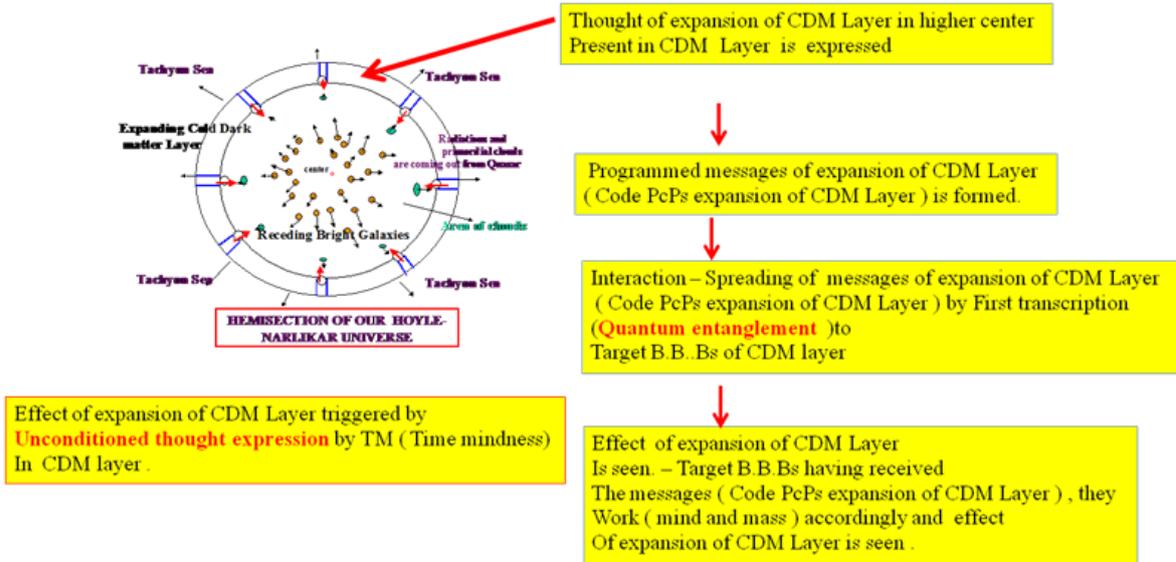
1. TM triggers the expansion of CDM Layer ( unconditioned thought expression ) There is phenomenon of **Memory search** ( of the result as it is there in memory after learning ) by CP . Having searched the result , there is phenomenon of **memory expression** of the result by CP .
2. CP removes RM ( repressor mindness-green) from OM ( operating mindness -orange ) thus induction of atomic transcription of result is triggered .
3. OM triggers activation of free mind particles ( blue -**inactivated code PCPs** ) of that thought script (magenta) of “**Code PcPs expansion of CDM Layer**”.
4. Free mind particles ( blue –**inactivated Code PcPs expansion of CDM Layer** ) get attached to anti mind particles script ( magenta one ) to form messenger thought script of “**Code PcPs expansion of CDM Layer**”.
5. Messenger atomic genes ( blue ) get activated by anti mind particles thought script and further they get detached from anti mind particles thought script to form activated messenger atomic genes ( activated code PCPs) ( sky blue – open eye ) of “**Code PcPs expansion of CDM Layer**”
6. CP carries phenomenon of splicing by translating the messenger activated atomic genes ( activated code PCPs ) and finally there is activated message of “**Code PcPs expansion of CDM Layer**” is formed .
7. CP represses atomic transcription by adding RM ( green ) to OM ( orange ) . Thus atomic transcription gets **halt**.



### Atomic transcription of Expansion of CDM layer

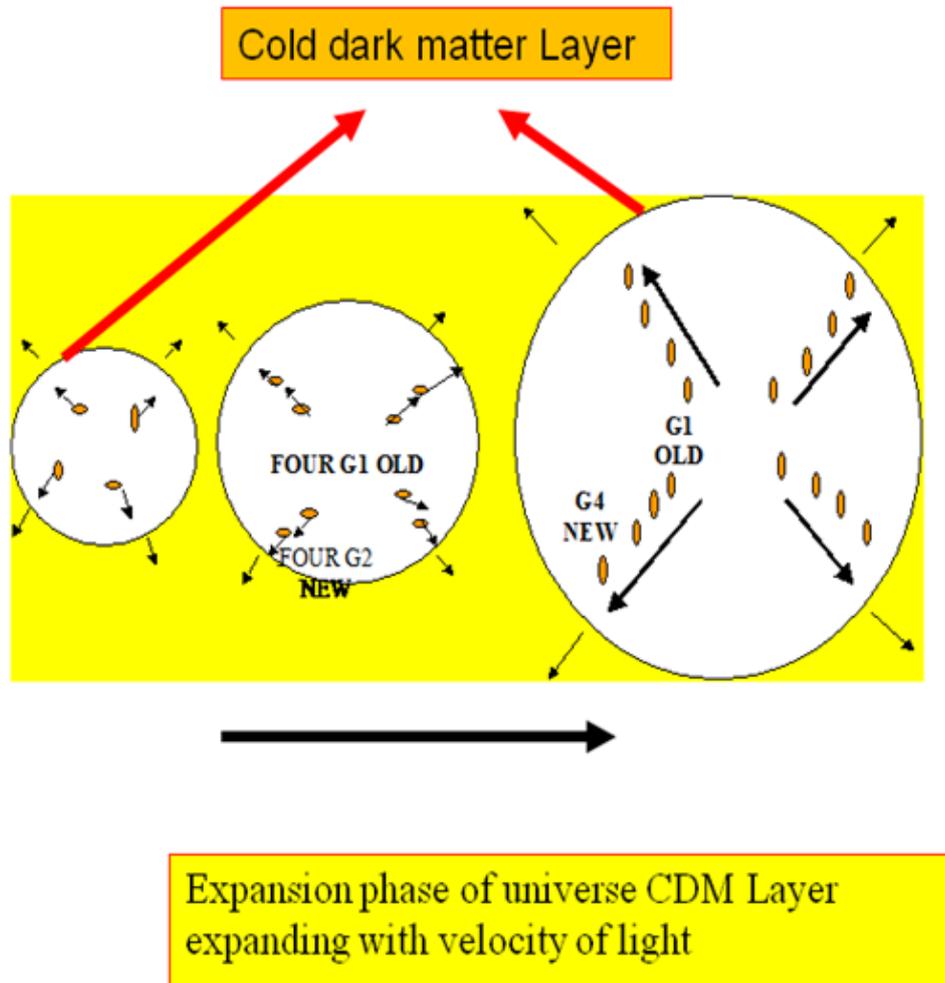
**Fig 13** Phenomenon of computation of thought expression of phenomenon of **expansion of CDM Layer** ( micro level )

Expansion of CDM Layer ( macro level ) as shown in Figure 13.1.



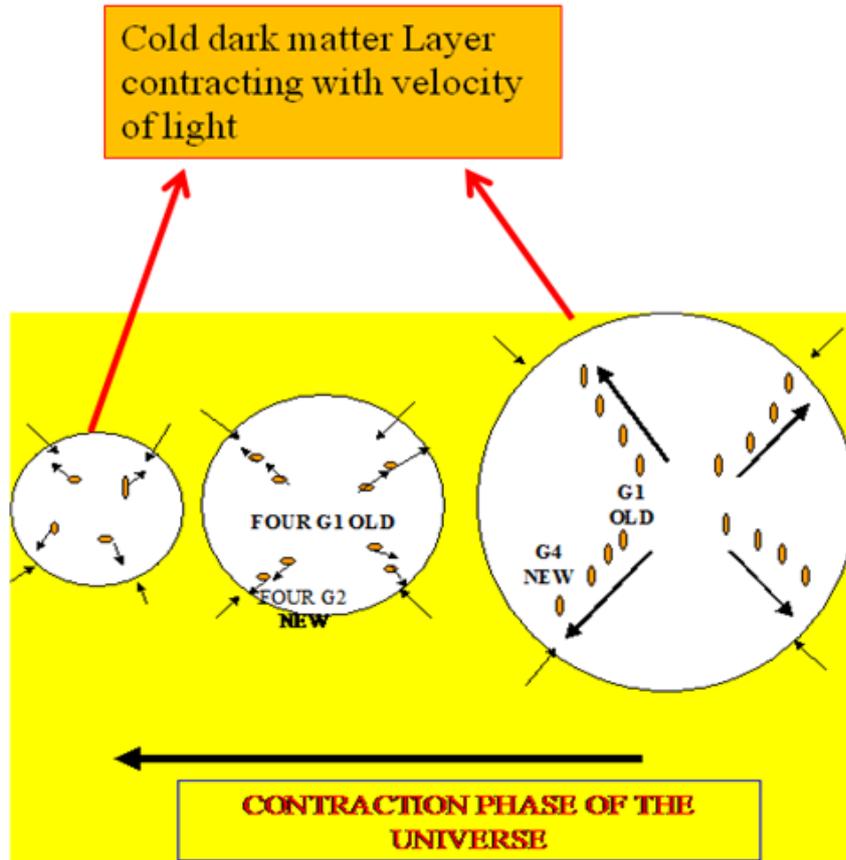
**Fig 13 .1** Phenomenon of computation of thought expression of phenomenon expansion of CDM Layer ( macro level )

In Hoyle Narlikar Universe as shown figure 14 --During expansion phase , as CDM layer is moving with velocity of light, there fore photons of luminous objects cannot be reflected back to us. Therefore night sky looks black.



**Fig 14** Expansion phase of the universe

In contraction phase all photons striking to CDM layer would be absorbed and once again we would observe black night sky. As shown in figure 14.1.



**Figure 14.1** contraction phase of the universe

**2.2 Olber’s Paradox – A Myth** (figure 14)

If the universe were filled with density  $e$  of point sources of absolute luminosity  $L$  and (a)  $e$  and  $L$  are constant in space and time (b) There are no systemic motion of the sources. (c) Space is Euclidean and (d) the laws of physics are true so that the relative luminosity  $I$  of an object at distance  $R$  is giving by

$I \propto L / R^2$ , then the night sky should have brightness  $F$  given by

$$F \propto \int_0^R (L / r^2) r^2 dr = LR$$

As  $R = \text{infinity}$ ,  $I = \text{infinity} (\infty)$

The night sky should be infinitely bright, which it isn't. This is Olber's paradox.

According to participatory science, night sky is black because we live in expanding universe and CDM layer is expanding with velocity of light. Therefore photons of luminous objects cannot touch it. Had it been no expansion, the photons would have touched and returned to our eyes, then night sky would be brightened one. Instead of this we see bright objects with black background or night sky is black.

**Conclusion**

1. Olber's paradox is mathematical fiction.
2. It is not paradox rather it is due to expansion hypothesis of the universe as shown in Hoyle Narlikar universe model.
3. Mathematical inferences do not always speak truth.
4. It is wrong to fit theory (mathematical theory of brightness) to evidence (darkness of night sky) thus making it paradox.

### III. Conclusion

Big Bang origin of the universe is wrong theory as it could not reveal nature of DM and DE . But on the contrary Hoyle Narlikar universe not only reveals the nature of DM and DE and the cause of expansion and contraction of the universe but also it explains the cause why night sky is black .

The potential pitfalls had been numerous, and the scientists actually were reassured by the fact that they had reached the same amazing results: all in all, they found some 50 distant supernovae whose light seemed weaker than expected. This was contrary to what they had envisioned. If cosmic expansion had been losing speed, the supernovae should appear brighter. However, the supernovae were fading as they were carried faster and faster away, embedded in their galaxies. The surprising conclusion was that the expansion of the Universe is not slowing down – quite to the contrary, it is accelerating.

There is no relationship between brightness of explosion of supernova with distances and expansion rate of the universe as shown in Big Bang model which had never occurred . Both events are separate as they are triggered by separate thoughts. In Hoyle Narlikar universe expansion rate of CDM layer is decided by thought of rate of ( numerical mindness ) expansion which is velocity of light . While the supernovae which were fading as they were carried faster and faster away, embedded in their galaxies are triggered by separate thoughts . It is wrong to decide that Big bang expansion ( which had never occurred ) would retard or slowing down at the edge which would be shown as supernova should appear brighter . Hence the Nobel prize physics 2011 has been awarded on fiction .

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