

If Galaxies are all Moving Apart (Conditioned Phenomenon), how can they Collide? it is Lawlessness (Unconditioned Phenomenon) and it is due to wish of Almighty B.B.B (Creator–Maker of Laws and Lawlessness) and Wish is Triggered by Divine Mechanics (Laplace Determinism)

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Abstract: *The galaxies (either bright or quiescent) are receding and going away in expanding universe but still they are merging why?. The reason is, thought of receding is conditioned (pulled by CDM layer gravity in new Hoyle- Narlikar universe Model) but thought of merging is unconditioned. Both thoughts are separate and their simultaneous expression is independent of each other. Hence in expanding universe galaxies could collide only when thought of merging is triggered. It is fed thought and feeding was done in precreation era by the Highest center of the universe. It is lawlessness and it is due to wish of Almighty B.B.B and wish is triggered by Time mindness (TM). Hence instead of going away, they would start merging with each other with still being receding (shown by red shift means receding) as shown in figures. During this phenomenon for workdone, the energy is supplied by energized gravitons of merging galaxies. After Collision, lot of gravitational waves (not waves rather energized gravitons) are released and they are detected by LIGO (11 Feb 2016 and 15 June 2016). This phenomenon (release of energized gravitons) is also triggered by separate Mind.*

Keywords: *Basic Building Blocks, Atomic Genetics, Atomic Transcription and Translation, Tachyons, Atomic Genetic Engineering , Hoyle Narlikar universe*

I. Introduction

1.1 [1]



Bright galaxies – Merging Galaxies

"If galaxies are all moving apart at ever increasing speed, how can they collide?" [1] —J. Gow, Fairfax, Va. Cosmologist Tamara Davis, a research fellow at the University of Queensland in Australia and an associate of the Dark Cosmology Center in Denmark, brings together an answer: The dynamics of the universe are governed by competing forces whose influence varies with scale, so local forces can override universal forces in discrete regions. On scales larger than galaxy clusters, all galaxies are indeed moving apart at an ever increasing rate. The mutual gravitational attraction between two galaxies at that distance is too small to have a significant effect, so the galaxies more or less follow the general flow of the expansion. **But it is a different story in a galaxy's local neighborhood. There the gravitational attraction can be very significant and the interactions much more exciting.** Dark energy, believed to be causing the acceleration of the expansion of the universe, provides a constant outward force that does not dilute as the universe expands. Pitted against this relentless push is the gravitational pull from the rest of the matter and energy in the universe. Early on, the universe was much denser than it is today, and the attractive force of gravity was winning the battle, on scales both large and small. Clouds of gas condensed to form stars and galaxies, and galaxies drew

together to form clusters. If there had been more matter around, the universe might have started to recollapse before it ever had the chance to accelerate. But matter and energy do dilute as the volume of the universe increases, so dark energy slowly came to dominate. Since about six billion years ago (about a billion years before Earth formed), the expansion has, on average, been accelerating. Nevertheless, the cosmic dance continues. Galaxies that had been pulled together before the universe began accelerating still have the chance to collide. Collectively they form overdense patches of the universe in which gravity still reigns. In our neighborhood the Andromeda galaxy, our largest companion, is actually falling toward us, and we will have our first close encounter with it in just a few billion years' time. Our local group comprises Andromeda, the Magellanic Clouds and about 35 other galaxies, all of which lie in an even larger cluster called Virgo. Together we will travel through the expanding universe, and we had better learn to like the company any galaxies that have not yet won the gravity war have missed their chance. The universe is now split into pockets of interaction that will drift alone through the expanding cosmos. Like revelers on a ship, the galaxies in our group will continue to collide and interact in myriad interesting ways, but we will be forever separated from the revelers on other ships sailing away from us in the vast universe. [1]

Binary super massive black hole system

Unique Pair of Hidden Black Holes Discovered By Xmm-Newton

"The final merger is expected to be the strongest source of gravitational waves in the Universe," says Liu. [2]



Two Quiescent Galaxies: Merging Galaxies Modified inferences—(instead of massive black hole it is massive black body) . It is the end of big suns (more than million solar mass or more which is called massive black body whose gravity is so high that its escape velocity is more than speed of light , hence black). 22 April 2014 [2] A pair of supermassive black holes in orbit around one another have been spotted by XMM-Newton. This is the first time such a pair have been seen in an ordinary galaxy. They were discovered because they ripped apart a star when the space observatory happened to be looking in their direction. Most massive galaxies in the Universe are thought to harbour at least one supermassive black hole at their centre. Two supermassive black holes are the smoking gun that the galaxy has merged with another. Thus, finding binary supermassive black holes can tell astronomers about how galaxies evolved into their present-day shapes and sizes. To date, only a few candidates for close binary supermassive black holes have been found. All are in active galaxies where they are constantly ripping gas clouds apart, in the prelude to crushing them out of existence. In the process of destruction, the gas is heated so much that it shines at many wavelengths, including X-rays. This gives the galaxy an unusually bright centre, and leads to it being called active. The new discovery, reported by Fukun Liu, Peking University, Beijing, China, and colleagues, is important because it is the first to be found in a galaxy that is not active.

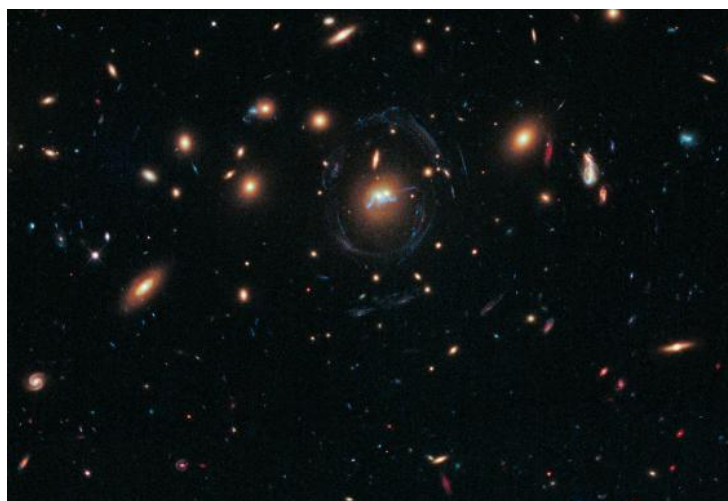
"There might be a whole population of quiescent galaxies that host binary black holes in their centres," says co-author Stefanie Komossa, Max-Planck-Institut für Radioastronomie, Bonn, Germany. But finding them is a difficult task because in quiescent galaxies, there are no gas clouds feeding the black holes, and so the cores of these galaxies are truly dark. The only hope that the astronomers have is to be looking in the right direction at the moment one of the black holes goes to work, and rips a star to pieces. Such an occurrence is called a 'tidal disruption event'. As the star is pulled apart by the gravity of the black hole, it gives out a flare of X-rays. In an active galaxy, the black hole is continuously fed by gas clouds. In a quiescent galaxy, the black hole is fed by tidal disruption events that occur sporadically and are impossible to predict. So, to increase the chances of catching such an event, researchers use ESA's X-ray observatory, XMM-Newton, in a novel way. Usually, the observatory collects data from designated targets, one at a time. Once it completes an observation, it slews to the next. The trick is that during this movement, XMM-Newton keeps the instruments turned on and recording. Effectively this surveys the sky in a random pattern, producing data that can be analysed for unknown or unexpected sources of X-rays. On 10 June 2010, a tidal disruption event was spotted by XMM-Newton in galaxy SDSS J120136.02+300305.5. Komossa and colleagues were scanning the data for such events and scheduled

follow-up observations just days later with XMM-Newton and NASA's Swift satellite. The galaxy was still spilling X-rays into space. It looked exactly like a tidal disruption event caused by a supermassive black hole but as they tracked the slowly fading emission day after day something strange happened. The X-rays fell below detectable levels between days 27 and 48 after the discovery. Then they re-appeared and continued to follow a more expected fading rate, as if nothing had happened. Now, thanks to Fukun Liu, the behaviour can be explained. *"This is exactly what you would expect from a pair of supermassive black holes orbiting one another,"* says Liu.

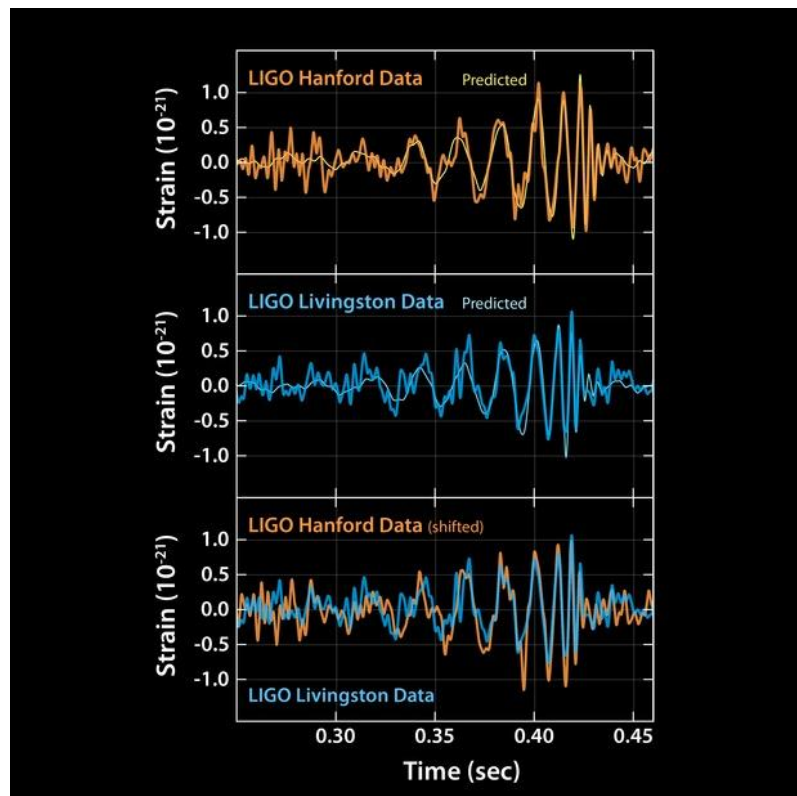
Liu had been working on models of black hole binary systems that predicted a sudden plunge to darkness and then the recovery because the gravity of one of the black holes disrupted the flow of gas onto the other, temporarily depriving it of fuel to fire the X-ray flare. He found that two possible configurations were possible to reproduce the observations of J120136. In the first, the primary black hole contained 10 million solar masses and was orbited by a black hole of about a million solar masses in an elliptical orbit. In the second solution, the primary black hole was about a million solar masses and in a circular orbit. In both cases, the separation between the black holes was relatively small: 0.6 milliparsecs, or about 2 thousandths of a light year. This is about the width of our Solar System. Being this close, the fate of this newly discovered black hole pair is sealed. They will radiate their orbital energy away, gradually spiralling together, until in about two million years time they will merge into a single black hole. Now that astronomers have found this first candidate for a binary black hole in a quiescent galaxy, the search is inevitably on for more. XMM-Newton will continue its slew survey. This detection will also spur interest in a network of telescopes that search the whole sky for tidal disruption events.

"Once we have detected thousands of tidal disruption events, we can begin to extract reliable statistics about the rate at which galaxies merge," says Komossa. There is another hope for the future as well. When binary black holes merge, they are predicted to release a massive burst of energy into the Universe but not mostly in X-rays. *"The final merger is expected to be the strongest source of gravitational waves in the Universe,"* says Liu. Gravitational waves are ripples in the space-time continuum. Astronomers around the world are currently building a new type of observatory to detect these ripples. ESA are also involved in opening this new window on the Universe. In 2015, ESA will launch LISA Pathfinder, which will test the necessary technology for building a space-based gravitational wave detector that must be placed in space. The search for elusive gravitational waves is also the theme for one of ESA's next large science missions, the L3 mission in the Cosmic Vision programme. In the meantime, XMM-Newton will continue to look out for the tidal disruption events that betray the presence of binary supermassive black holes candidates. *"The innovative use of XMM-Newton's slew observations made the detection of this binary supermassive black hole system possible,"* says Norbert Schartel, ESA's XMM-Newton Project Scientist. *"This demonstrates the important role that long-lasting space observatories have in detecting rare events that can potentially open new areas in astronomy."*

Background Information The results described in this article are reported in "A milli-parsec supermassive black hole binary candidate in the galaxy SDSS J120136.02+300305.5", by F.K. Liu, Shuo Li, and S. Komossa, published in the May 10 issue of The Astrophysical Journal, 2014, Volume 786; doi:10.1088/0004-637X/786/2/103. The European Space Agency's X-ray Multi-Mirror Mission, XMM-Newton, was launched in December 1999. It is the biggest scientific satellite to have been built in Europe and uses over 170 wafer-thin cylindrical mirrors spread over three high throughput X-ray telescopes. Its mirrors are among the most powerful ever developed. XMM-Newton's orbit takes it almost a third of the way to the Moon, allowing for long, uninterrupted views of celestial objects. [2]



Droplets of star formation and two merging galaxies in SDSS J1531+3414. [3] At the centre of this image lie two elliptical galaxies, part of a galaxy cluster known as [HGO2008] SDSS J1531+3414, which have strayed into each other's paths. While this region has been observed before, this new Hubble picture shows clearly for the first time that the pair are two separate objects. However, they will not be able to hold on to their separate identities much longer, as they are in the process of merging into one. Finding two elliptical galaxies merging is rare, but it is even rarer to find a merger between ellipticals rich enough in gas to induce star formation. Galaxies in clusters are generally thought to have been deprived of their gaseous contents; a process that Hubble has recently seen in action. Yet, in this image, not only have two elliptical galaxies been caught merging but their newborn stellar population is also a rare breed. The stellar infants – thought to be a result of the merger – are part of what is known as "beads on a string" star formation. This type of formation appears as a knotted rope of gaseous filaments with bright patches of new stars and the process stems from the same fundamental physics which causes rain to fall in droplets, rather than as a continuous column. Nineteen compact clumps of young stars make up the length of this "string", woven together with narrow filaments of hydrogen gas. The star formation spans 100 000 light years, which is about the size of our galaxy, the Milky Way. The strand is dwarfed, however, by the ancient, giant merging galaxies that it inhabits. They are about 330 000 light years across, nearly three times larger than our own galaxy. This is typical for galaxies at the centre of massive clusters, as they tend to be the largest galaxies in the Universe. The electric blue arcs making up the spectacular egg-like shape framing these objects are a result of the galaxy cluster's immense gravity. The gravity warps the space around it and creates bizarre patterns using light from more distant galaxies. Astronomers have ruled out the possibility that the blue strand is also just a lensed mirage from distant galaxies and now their challenge is to understand the origin of the cold gas that is fuelling the growth of the stellar superclusters. Was the gas already in the merging galaxies? Did it condense like rain from the rapidly cooling X-ray plasma surrounding the two galaxies? Or, did it cool out of a shock in the X-ray gas as the ten-million-degree gaseous halos surrounding the galaxies collided together? Future observations with both space- and ground-based observatories are needed to unravel this mystery. Mergers occur when two or more galaxies stray too close to one another, causing them to coalesce into one large body (heic0912). The violent process strips gas, dust and stars away from the galaxies involved and can alter their appearances dramatically, forming large gaseous tails, glowing rings, and warped galactic discs (heic0810). The merging system is forming stellar superclusters in equally spaced beads just like evenly spaced drops from a tap. The only real difference is that surface tension in the falling water is analogous to gravity in the context of the star-forming chain. This is a wonderful demonstration that the fundamental laws of physics really are scale-invariant - we see the same physics in rain drops that we do on 100 000 light-year scales. [3]



Gravitational waves as predicted by Einstein (LIGO) [4] These plots show the signals of gravitational waves detected by the twin LIGO observatories at Livingston, Louisiana, and Hanford, Washington. The signals came from two merging black holes, each about 30 times the mass of our sun, lying 1.3 billion light-years. The top two plots show data received at Livingston and Hanford, along with the predicted shapes for the waveform. These predicted waveforms show what two merging black holes should look like according to the equations of Albert Einstein's general theory of relativity, along with the instrument's ever-present noise. Time is plotted on the X-axis and strain on the Y-axis. Strain represents the fractional amount by which distances are distorted. As the plots reveal, the LIGO data very closely match Einstein's predictions. The final plot compares data from both detectors. The Hanford data have been inverted for comparison, due to the differences in orientation of the detectors at the two sites. The data were also shifted to correct for the travel time of the gravitational-wave signals between Livingston and Hanford (the signal first reached Livingston, and then, traveling at the speed of light, reached Hanford seven thousandths of a second later). As the plot demonstrates, both detectors witnessed the same event, confirming the detection. [4]

1.2 Mind and Mass Realities [5]



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 consciousness 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. [5]

1.3. Messages From Biological world to understand B.B.B world as shown in Fig 2 [5]

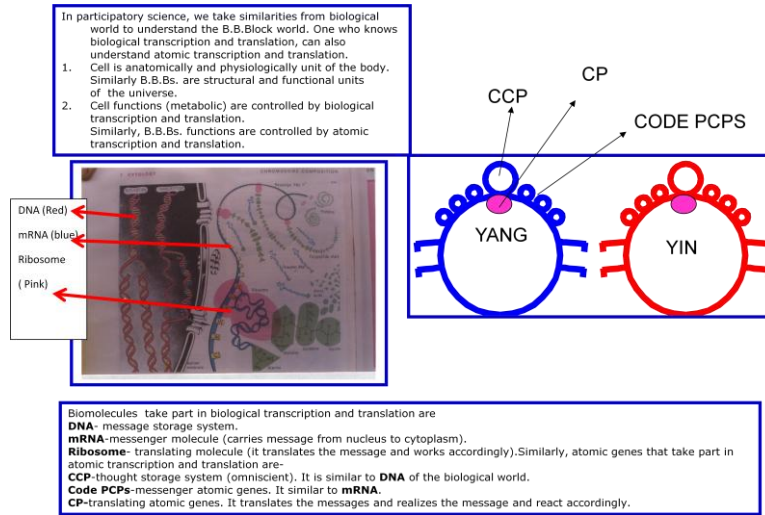


Fig. 2 Parallel teaching by participatory science

The standard model not only modified rather it has been completed [6] with introduction of energized gravitons , primary fermions, primary bosons , Basic Building Blocks , Mind and Tachyons as shown in Fig 3

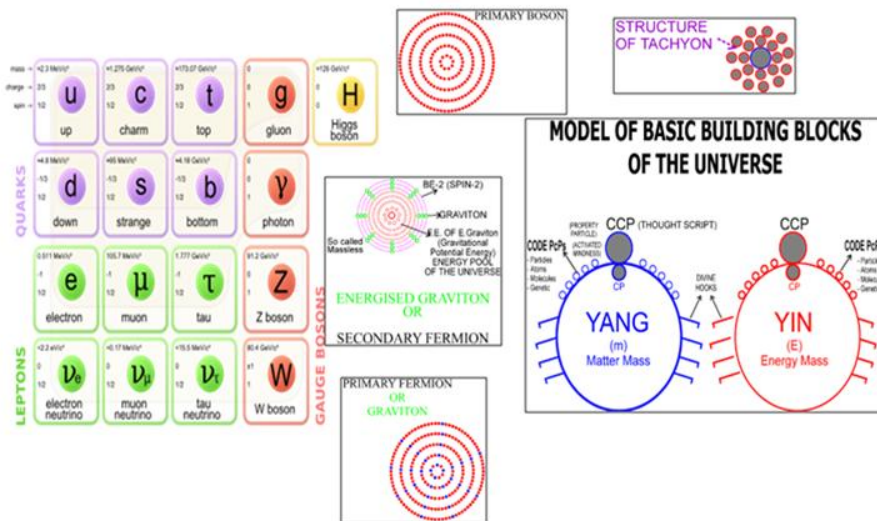


Fig. 3 standard Model chart [6]

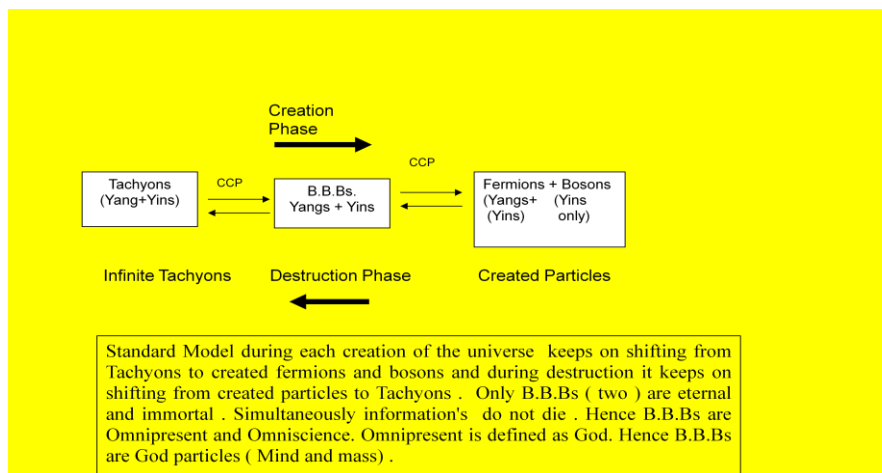


Fig.3.1 one creation and destruction cycle [7]

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.

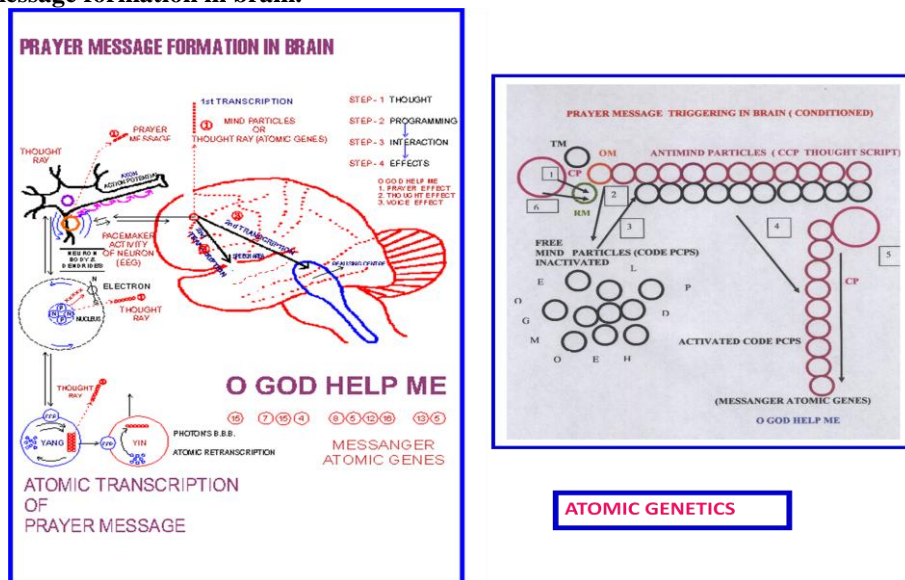


Fig 4 Divine Mechanics - Prayer message formation in brain

In atomic transcription and translation of prayer [8], 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 ”

- 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 .
- 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 [9]** as shown in **Fig.4.1**

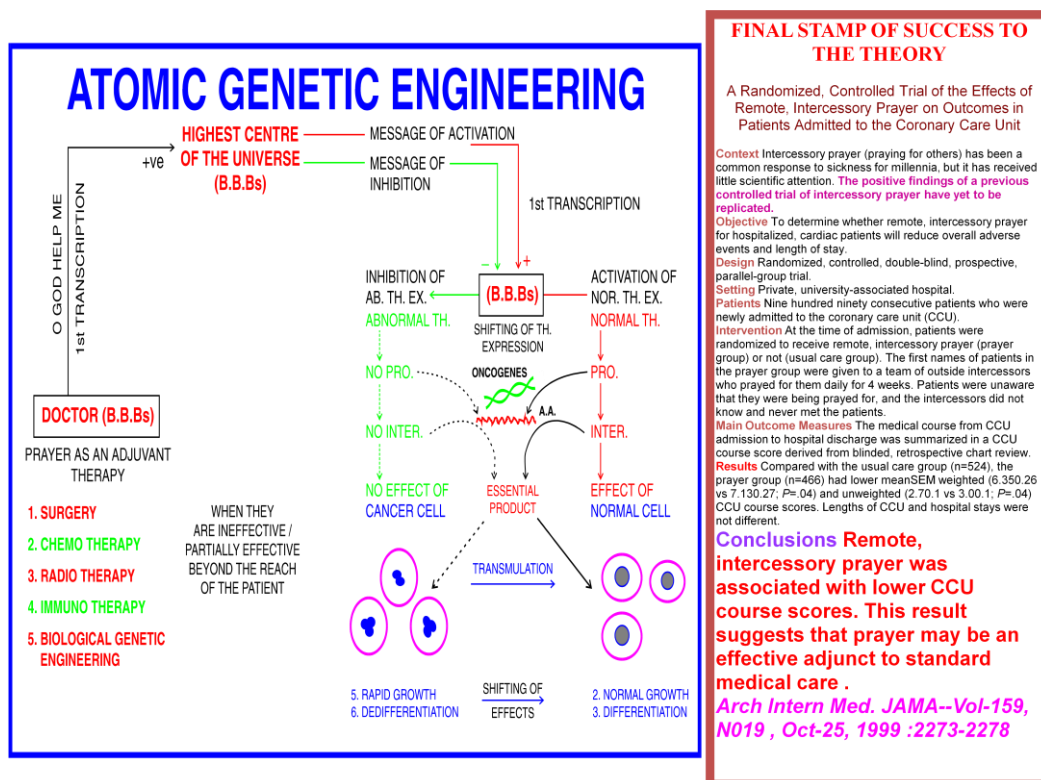


Fig . 4.1 A.G.E and Final stamp of success to New Theory [9]

1.5 Message system of the Universe

Before the origin of the universe [5] 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 system are being used by the nature according to nature's need. as shown in Fig 5

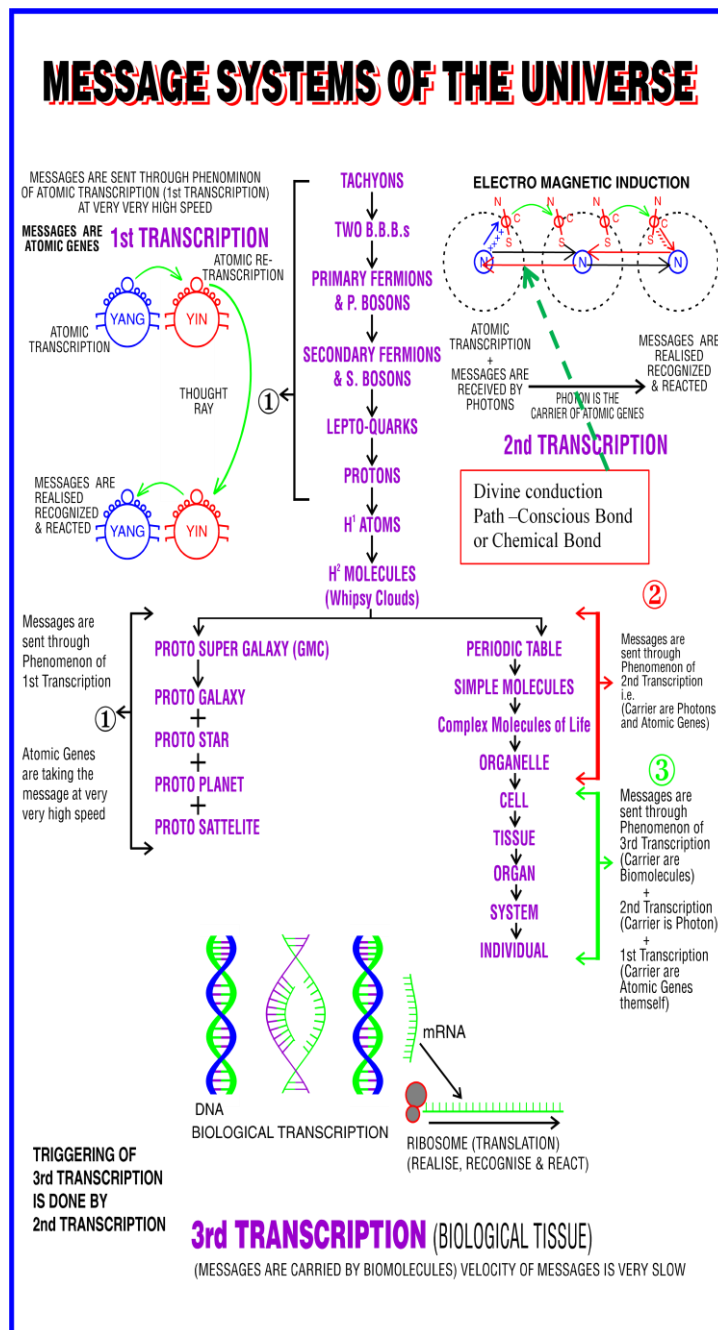


Fig. 5 Messages system of the universe

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 [5]. 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 produce 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.

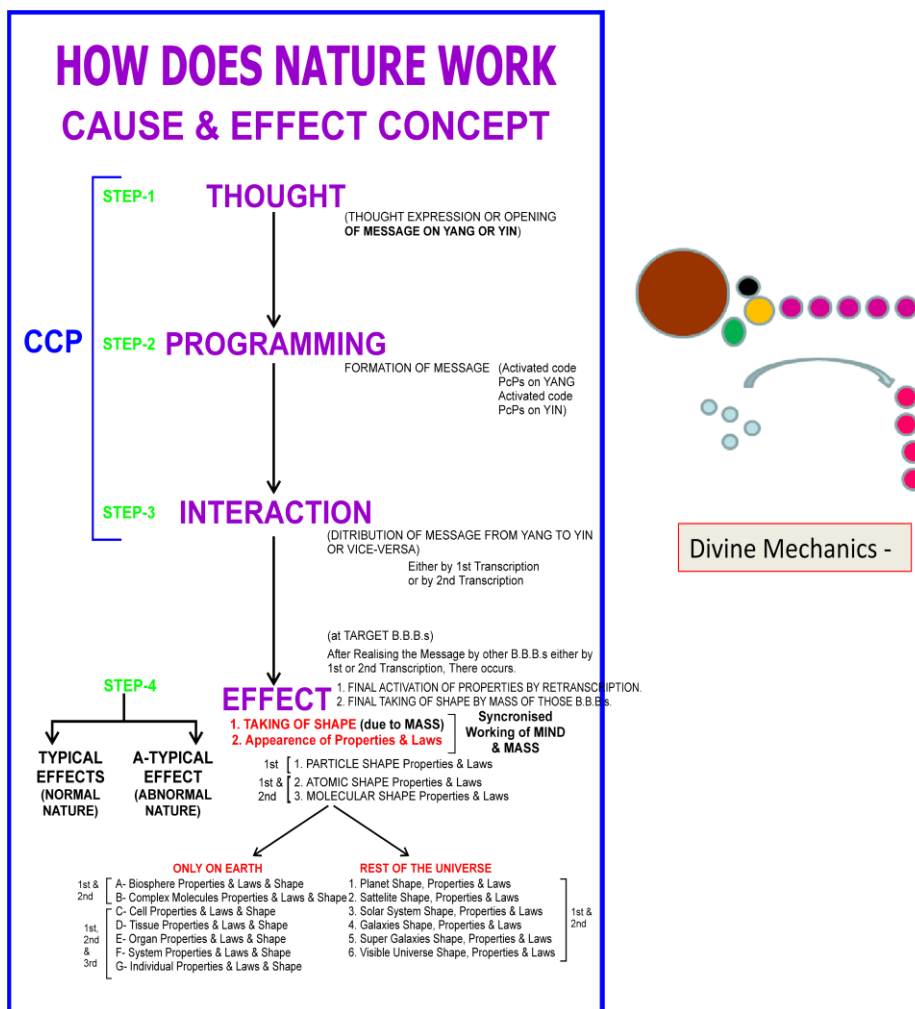


Fig. 6 Divine Mechanics – How Does Nature work?

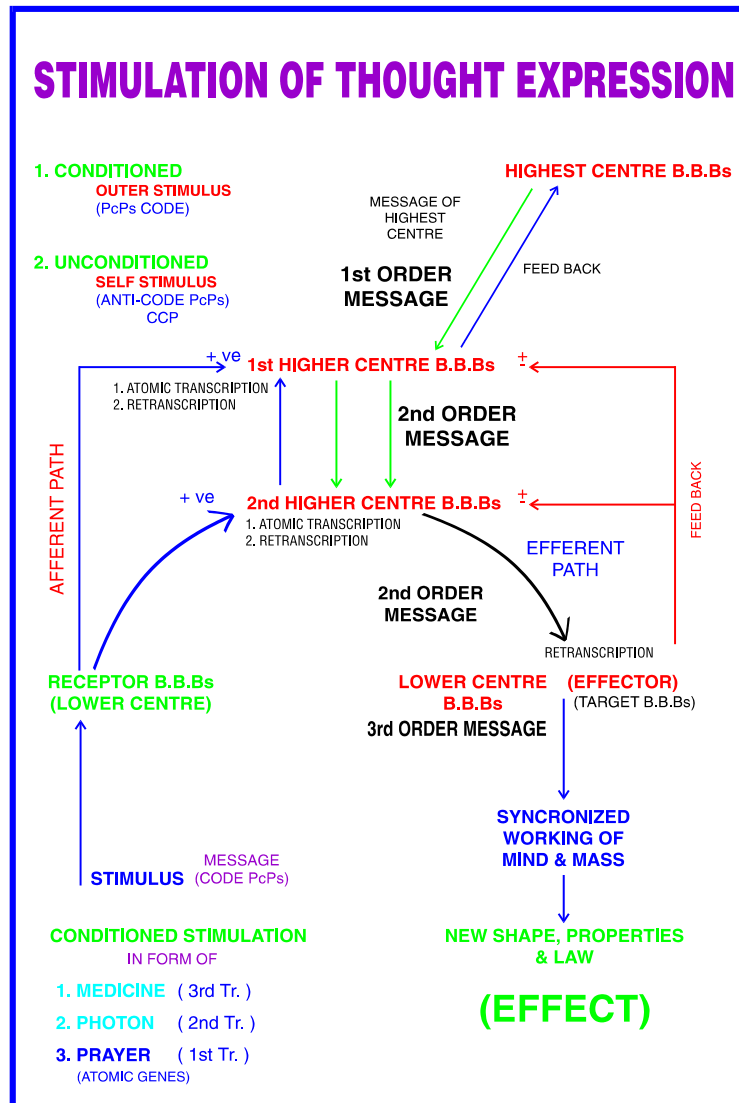


Fig. 7 Conditioned and Unconditioned thought expressions

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.[5] 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

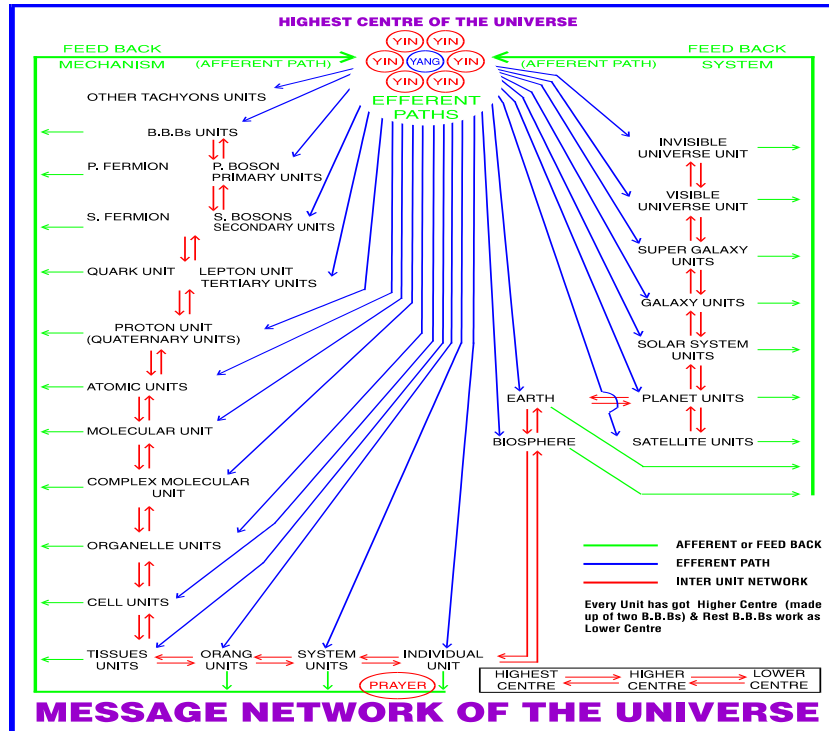


Fig. 8 Messages Net work of the Universe

1.8 Origin of the universe [10]

Hoyle – Narlikar Universe

**ORIGIN OF THE UNIVERSE
CONTINUOUS CREATION THEORY----**

HOYLE AND NARLIKAR THINK THAT NEW MATTER IS BEING CREATED DUE TO 'IMPLOSION' TO BALANCE THE EXPANSION OF THE UNIVERSE, WHICH ASTRONOMERS HAVE OBSERVED. INSIDE 'QUASI STRARS' GRAVITATIONAL COLLAPSES MAY FORM SOME MATTER IN THE UNIVERSE. THE HUGE LUMINOSITY AND THE RADIOEMISSION FROM THESE QUASI -STRARS APPEAR TO BE 'GRAVITY POWERED' UNLIKEORDINARY STARS WHICH DERIVE THEIR ENERGY FROM NUCLEAR REACTIONS

DEVELOPMENT OF THE UNIVERSE

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 [10]**. 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 gain 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.

It is the atomic genes which constitutes mind part of reality. Mind incorporation in physics is awaited as theory of every thing is not yet investigated. I have investigated theory of every thing (ToE) and I found that while studying unified theory at the time of origin of the universe by Hoyle Narlikar universe, it was mind reality that triggered symmetry breaking phase. It is mind reality that triggers oscillation phenomenon of the universe. It is the mind reality which is behind perfect cosmological principle. There is nothing like artificial intelligence in the universe. These mind particles constitute intelligence of the universe that controls the deterministic order of the universe. It is the mind reality behind all effects of the universe. But this is not our mind rather it is mind of Almighty B.B.B (Yang B.B.B or matter B.B.B. or Male B.B.B working as Highest center of the universe). His mind could be manipulated by prayer only. as shown in figure 9.1 and 9.2

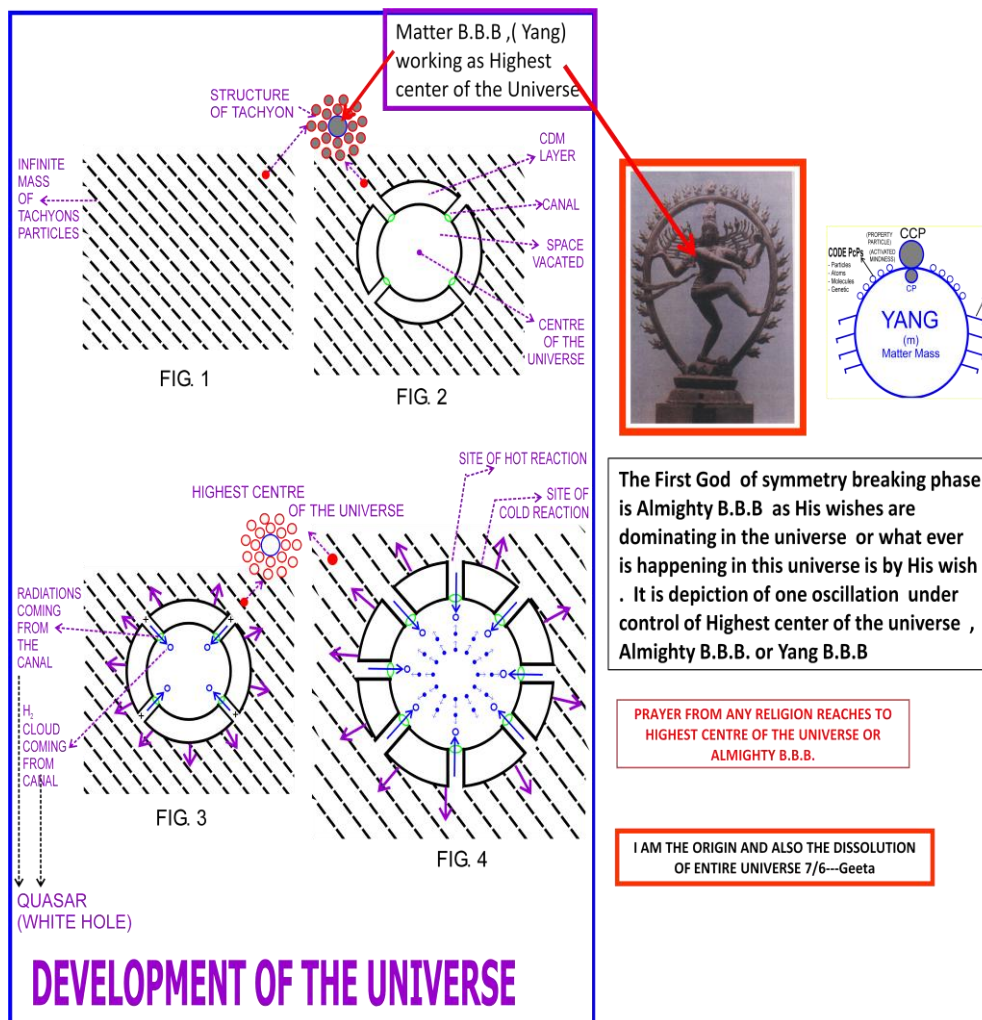


Figure 9.1 Hoyle Narlikar Universe

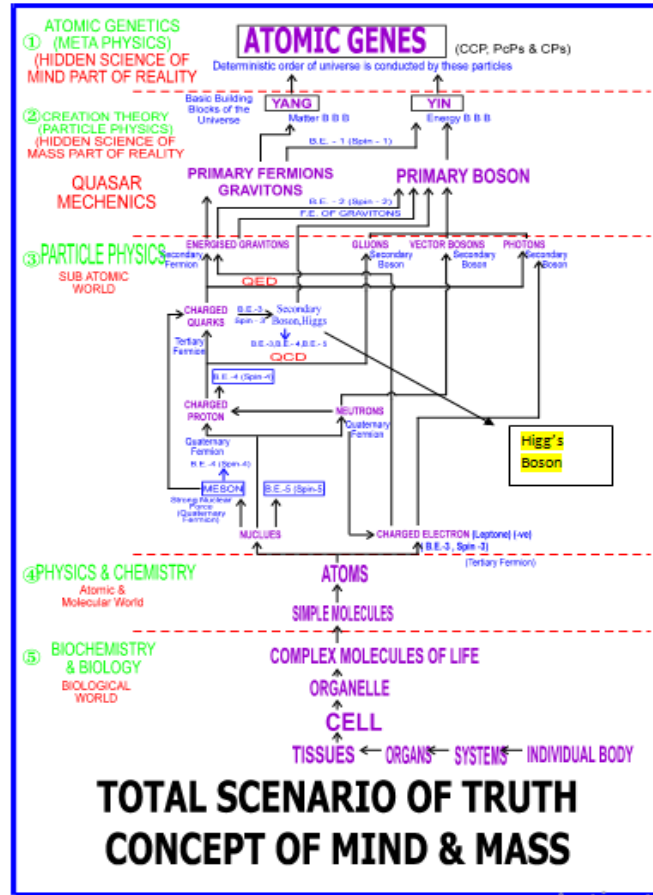


Fig 9.2 Total scenario of Truth Mind and Mass

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

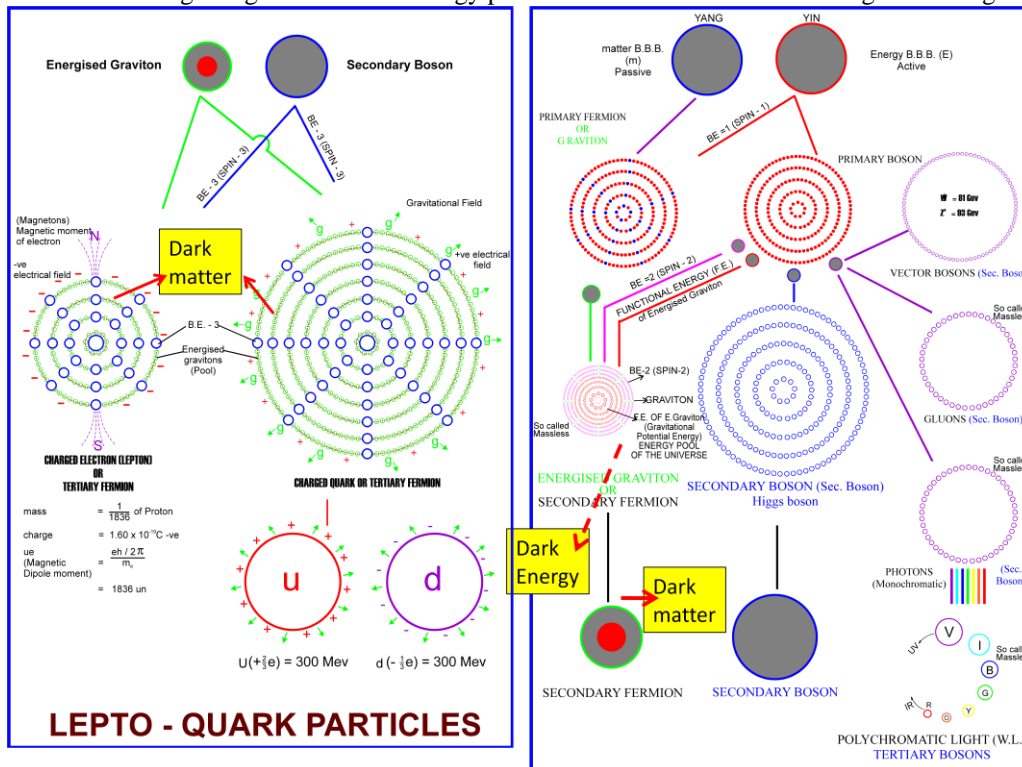


Fig. 10 Structural configuration of Leptons and Quarks as regard DM and structural configuration of DM and DE at micro level

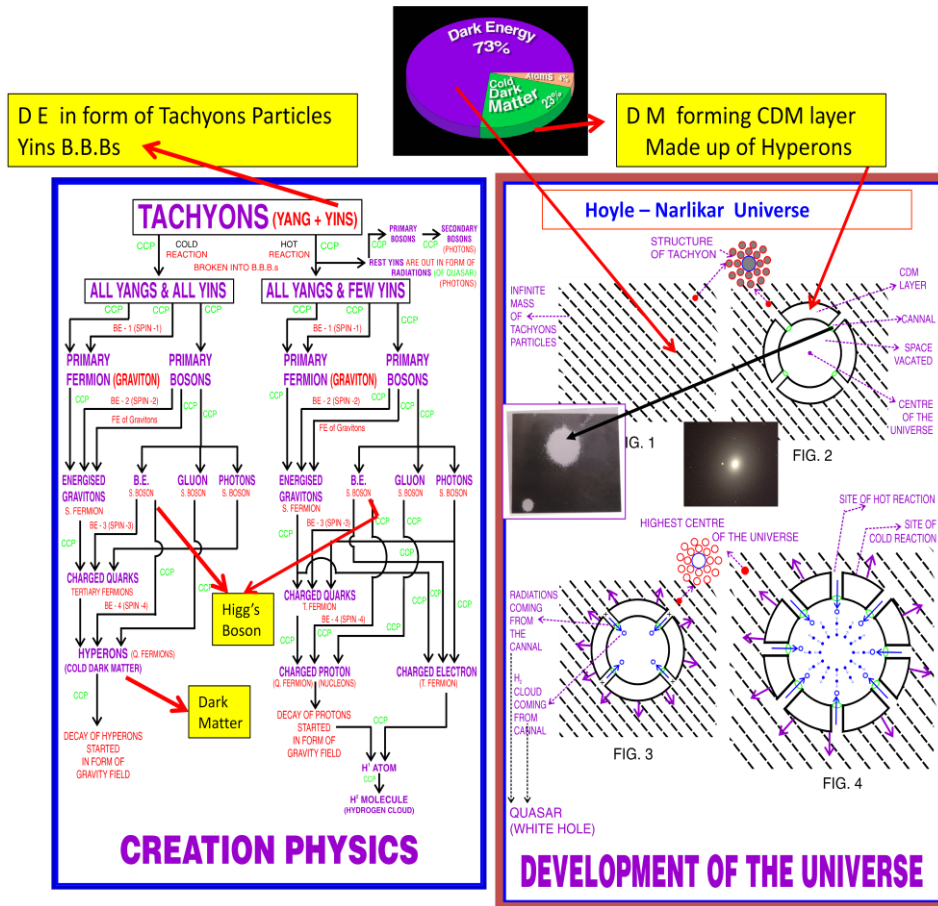
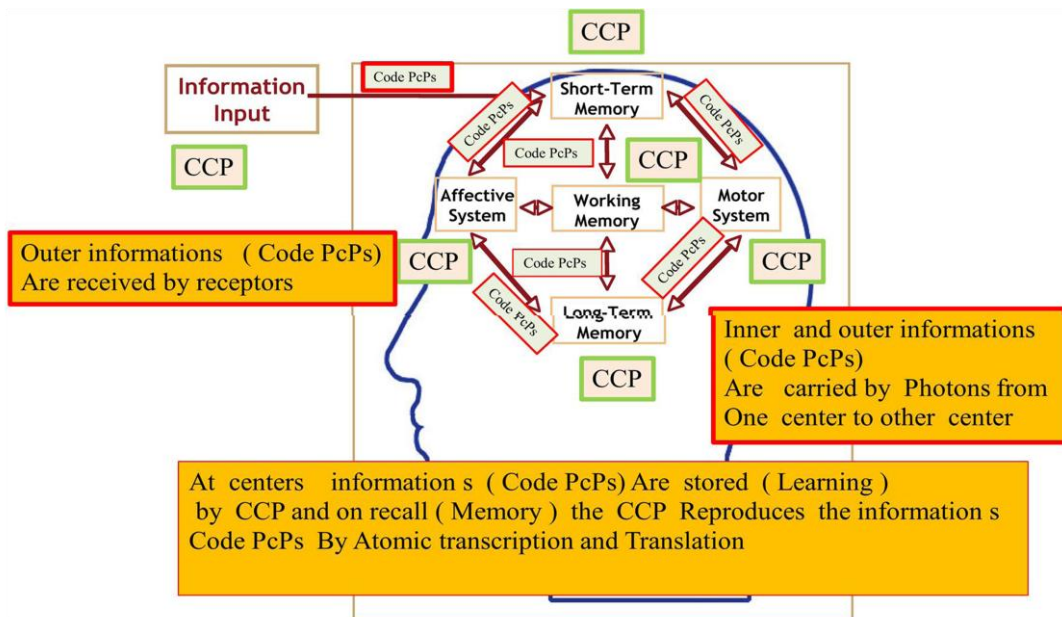


Fig 11 structural configuration of DM and DE at macro level [12]

1.10 Divine Mechanics and Brain Computation

Learning and Memory and information s (Code PcPs) Net work in Brain [13]



Divine Mechanics and Brain Computation

Fig 12 Divine Mechanics of Brain Computing System – Learning and memory

At all steps, these are B.B.Bs (B-Bit) that are responsible for information's control and triggering . If CCP is written it means unless atomic transcription and translation occur, brain cannot have learning and memory triggering and control and it is called Divine mechanics of Biology and it is life. These are higher thought expressions of B.B.Bs. In Bits of classical computers and qubits of QC, the thought expressions are lower and different but the mechanics (DIVINE) remains the same. as shown in Fig 12

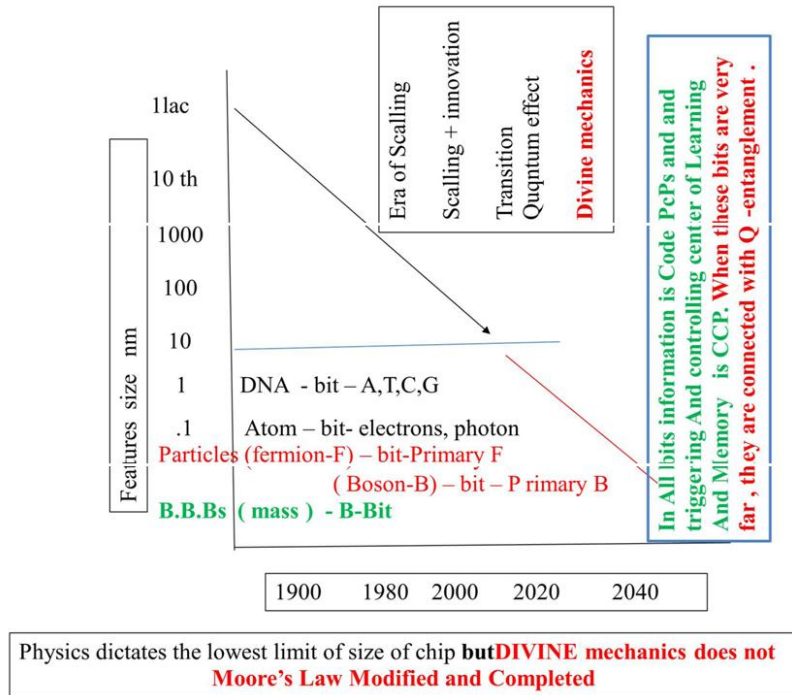


Fig 13- The Theory of Computers and Brain are same – DIVINE MECHANICS

(Structural and Functional smallest Bit (mass) is B-Bit of the universe and the Divine Mechanical Unit is CCP, Code PcPs and CP.) DIVINE MECHANICS The Theory of Computers and Brain is SAME as shown in Fig 13 Physics dictates the lowest limits of the size of chips [14]. But divine mechanics does not. Hence the bit is a typical unit of information. ((Classical and Quantum Bit) is wrong and to describe informations by adding qubit is also illusion as in complicate system, it is the different thoughts expressions that describe informations. Informations are separate (Code PcPs) and bits (Electron of transistor) qubits (electron of diamond crystal) are separate. At DNA level the bit is nucleotide (A,T,C,G) and at Atomic level the bit is photon and electron , at particle level (secondary fermions and secondary bosons) the bit is primary fermions and primary bosons and informations are still code PcPs and at B.B.B level the bit is B.B.B (Yang mass and Yin mass - B- bit) it self and the information is carried by Code PcPs but at all level of all bit units the information storage system is CCP (Physiological arrow of Time) it never dies even after destruction of the universe. Hence information s are eternal. In computers, Bit is a structural configuration that describes information s of the system and information s are in form of Code PcPs. The working of the bit is triggered and controlled by thoughts of higher centers that form that bit. If the bit is classical (transistors of chips) the effect is different. But if the bit is qubit with entanglement the working is triggered and controlled by thoughts of higher center that form that crystal. In both the effect of describing informations would be different. One is classical (thought expressions are fixed and limited) and other one is quantum (thought expressions are changing and more wide to describe the more wide complicated system to have fast results .) . In life sciences in Brain the bit is again Photon and the information s are Code PcPs and they are triggered and controlled by CCP of higher centers that is triggered by DIVINE MECHANICS.In life sciences the CCP (cryptography) of B-bit expresses informations (Code PcPs) which were not fed like speaking Lie and unlike Bit of classical computer and qubit of QC it shows phenomenon of forgetfulness and IQ phenomenon (mental age /real age) . It is Higher functions of B.B.B or B Bit and it is life . Hence there is difference in some aspect of DIVINE MECHANICS of Computers computation and Brain computation

II. Structure

2.1 Phenomenon of black hole-

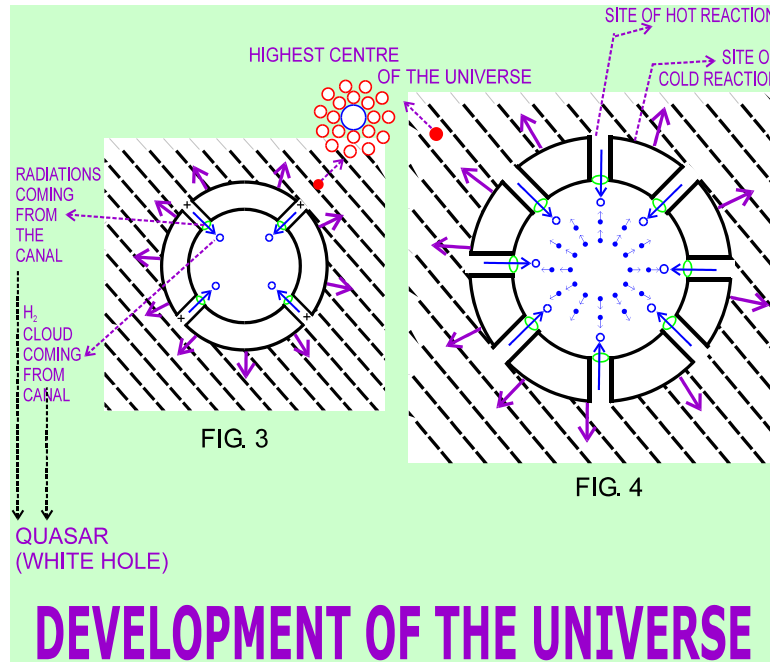


Fig 14 Black hole would be formed in contraction phase from quasars (white hole) after expansion is over – prediction of (participatory science) theory

Black holes as shown in fig 14 are formed when the white holes or quasars stop their functions at the end of expansion phase of the universe. During contraction phase the white holes or quasars would transform into black holes. Black holes are the phenomenon of contraction phase of the universe rather than expansion phase of the universe. Black holes are devoid of gravity effect as quasars are devoid of gravity effect. We shall discuss black hole physics while explaining destruction phase or contraction phase of the universe.

2.2 Energized Gravitons and merging of galaxies (corrected version –instead of massive black hole , massive black body (or quiescent galaxy) word is used rest is same as black holes are not the phenomenon of expanding universe as shown in figure 16 .

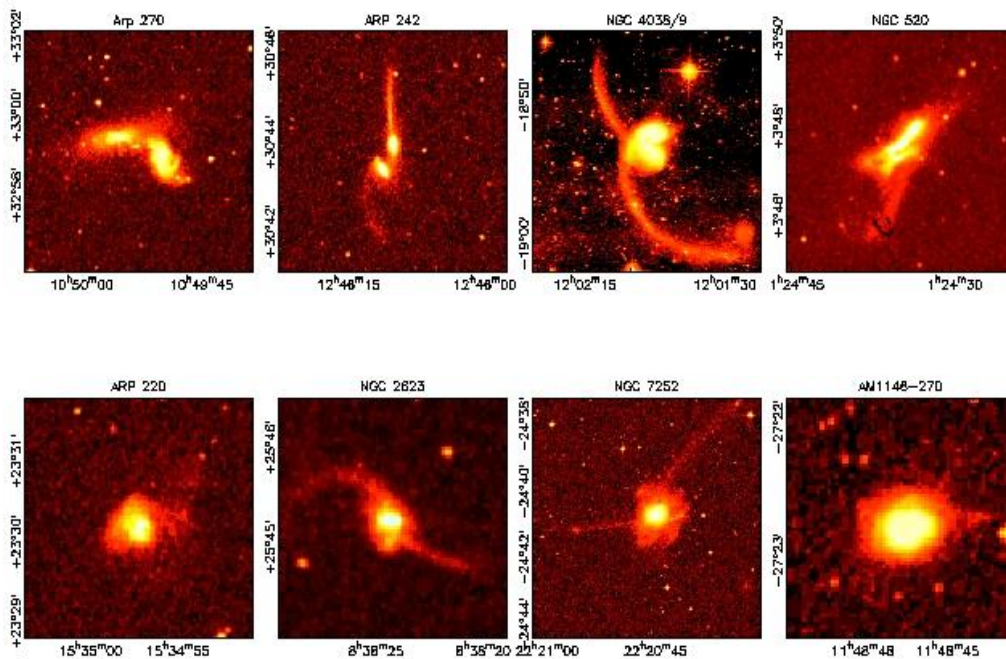


Fig 15 Two Bright Galaxies: Merging Galaxies [15]

A sequence of optical images of merging spiral galaxies arranged in an approximate order from top left to bottom right: approaching, interacting and finally merging into a single elliptical galaxy. We have studied the way in which hot gas is produced by supernova explosions triggered during this process - [15] Artist’s rendition of an active mass – accreting black hole in a luminous gas –rich merging galaxy- as shown in figure 16

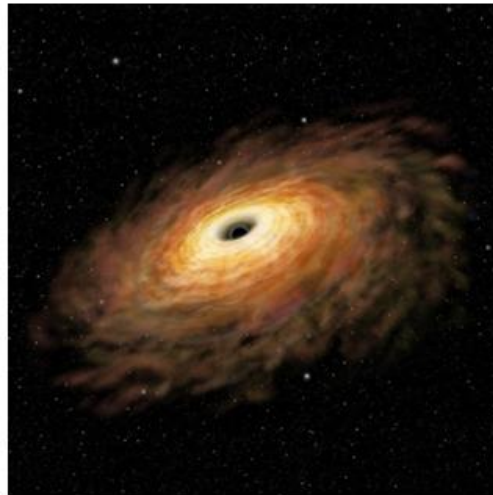


Fig 16 Quiescent Galaxies: Merging Galaxies [16]

2.3 Triggering of phenomenon of Merging of two bright galaxies (micro and macro level)

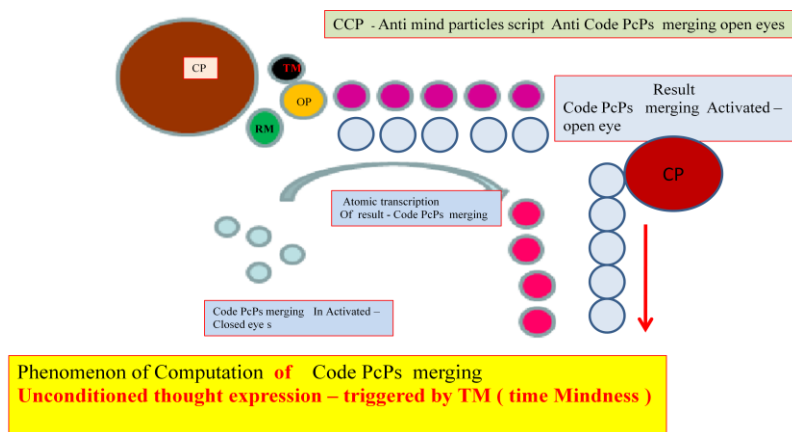
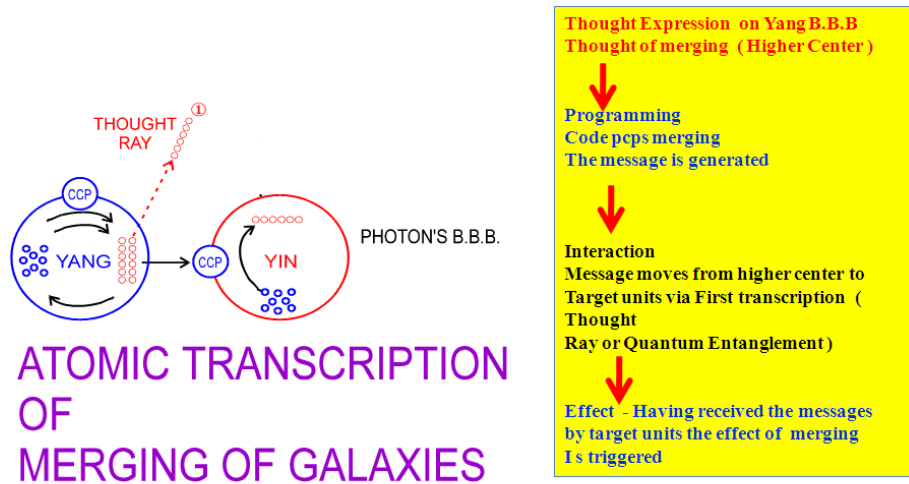


Fig 17 Phenomenon of computation of thought expression of phenomenon of merging (micro level)

In atomic transcription and translation of merging of galaxy, following steps take place on Yang B.B.B – B-Bit (higher center) TM triggers the merging of galaxy (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.

1. CP removes RM (repressor mindness-green) from OM (operating mindness -orange) thus induction of atomic transcription of result is triggered.
2. OM triggers activation of free mind particles (blue -**inactivated code PCPs**) of that thought script (magenta) of “**Code PcPs merging of galaxy** ”.
3. Free mind particles (blue –**inactivated Code PcPs merging of galaxy**) get attached to anti mind particles script (magenta one) to form messenger thought script of “**Code PcPs merging of galaxy**”.
4. 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 merging of galaxy** ”
5. CP carries phenomenon of splicing by translating the messenger activated atomic genes (activated code PcPs) and finally there is activated message of “**Code PcPs merging of galaxy**” is formed .
6. CP represses atomic transcription by adding RM (green) to OM (orange). Thus atomic transcription gets **halt**.



Atomic Transcription of Merging of Galaxies

Fig 18 Phenomenon of computation of thought expression of phenomenon of merging (micro level)

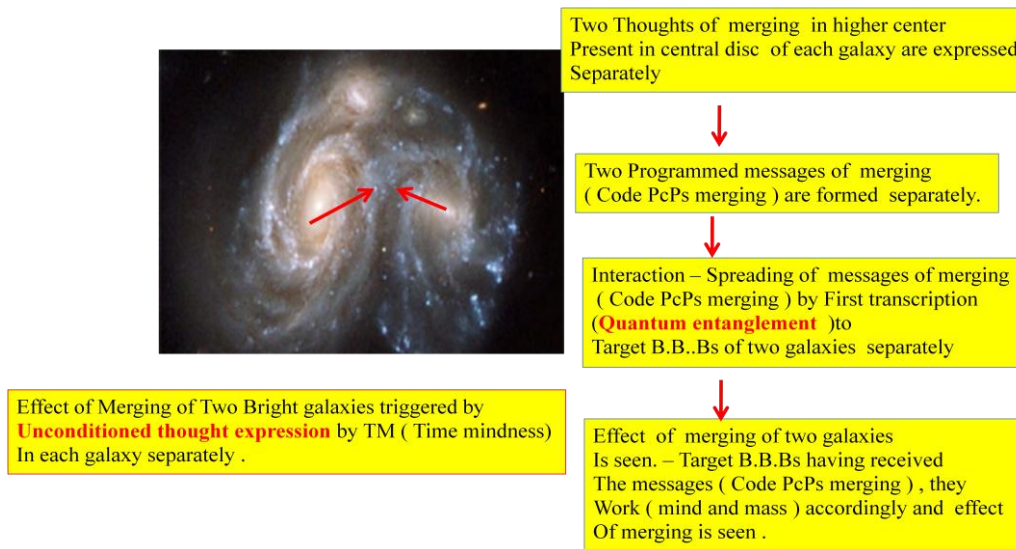


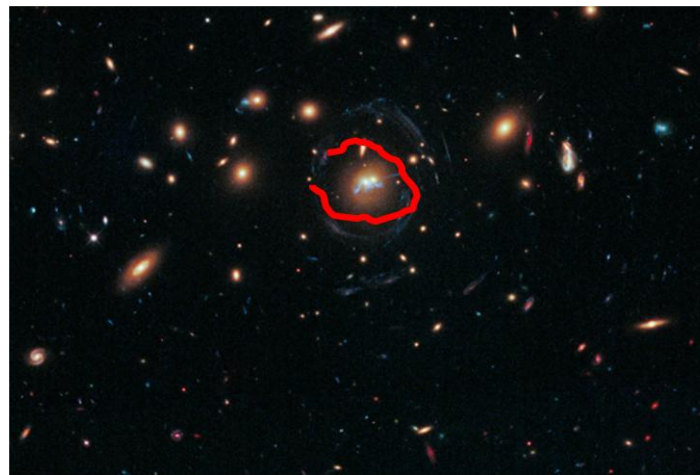
Fig 19 Triggering of phenomenon of merging of two bright galaxies which were going apart (macro level)

The reason is, thought of receding is conditioned (pulled by CDM layer gravity in new Hoyle- Narlikar universe Model) but thought of merging is unconditioned. Both thoughts are separate and their simultaneous expression is independent of each other. Hence in expanding universe galaxies could collide only when thought of merging is triggered. It is fed thought and feeding was done in precreation era by the Highest center of the universe. It is lawlessness and it is due to wish of Almighty B.B.B and wish is triggered by Time mindness (TM) . Hence instead of going away, they would start merging with each other with still being receding (shown by red shift means receding) as shown in figure 19. During this phenomenon for work done, the energy is supplied by energized gravitons of merging galaxies. After Collision, lot of gravitational waves (not waves rather energized gravitons) are released and they are detected by LIGO (11 Feb 2016 and 15 June 2016). This phenomenon (release of energized gravitons) is also triggered by separate Mind .

III. Conclusions-

These are not black holes. Black holes as shown in figure 14 are the phenomenon of contraction phase of the universe where quasars would stop their function of continuous creation and they would transform into black holes and would start destruction or contraction phase of the universe. As we have binary stars and its dying fate . Similarly we have binary galaxies and its dying fate. Two galaxies start colliding OR merging with each other . It is triggered by mind step by step. The center which was bright becomes black due to formation of massive black body where millions of suns get matted thus forming massive black body whose escape velocity is more than speed of light hence black. It is also called Quiescent galaxies. The arms of binary galaxies start

Tidal Disruption Event. Due to that there is liberation of x-ray burst. The arms would fall into Black massive body and in the end of this phenomenon, two binary black massive body would be there..Finally two binary galaxies would transform into two binary black massive body and they would unite to form one massive black body. "The final merger is expected to be the strongest source of gravitational waves in the Universe," says Liu. And when light of quasar passes near by these massive black body we observe two quasars which are distorted, deviated and magnified to which we call gravitational lens effect. All the events are triggered by separate thoughts. These are unconditioned thoughts OR fed thoughts and feeding was done in pre creation era by the Highest center of the universe. It is the time mind ness that triggers the event step by step. The galaxies are receding and going away in expanding universe but still they are merging why?. The reason is, thought of recedingis conditioned but thought of merging is unconditioned. Both thoughts are separate and their simultaneous expression is independent of each other. Hence in expanding universe galaxies could collide only when thought of merging is triggered. Hence instead of going away ,they would start merging with each other with still being receding as shown in figure 20 [17] . During this phenomenon for work done, the energy is supplied by energized gravitons of merging galaxies.



Encircled --Two Galaxies are coming together for Merging
Rest Galaxies are Going apart in expanding Universe

Fig 2 -Expanding universe -Droplets of star formation and two merging galaxies in SDSS J1531+3414.) [3]

All effects are triggered step by step and there is feedback to higher center of the merging galaxies before the next thought is triggered. After Collision, lot of gravitational waves (not waves rather energized gravitons) are released and they are detected by LIGO (11 Feb 2016 and 15 June 2016) . The signals came from two merging black holes (quiescent galaxies) , each about 30 times the mass of our sun, lying 1.3 billion light-years This phenomenon (release of energized gravitons) is also triggered by separate Mind as shown in Figure 21 .

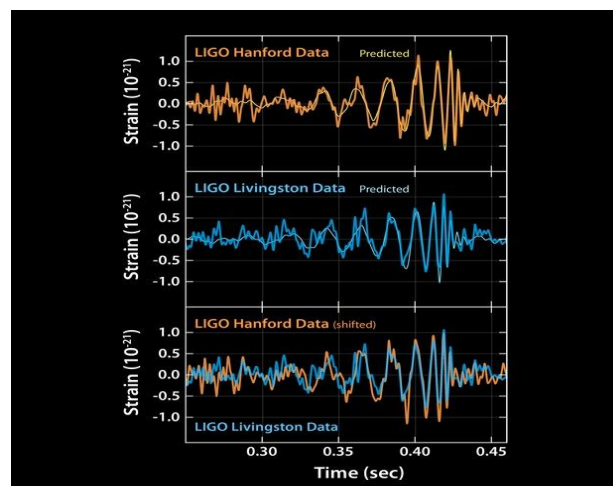


Fig 21 –gravitational waves as predicted by Einstein (LIGO) [4]

References

- [1]. <http://www.scientificamerican.com/article/how-can-galaxies-collide/>
- [2]. <http://sci.esa.int/jump.cfm?oid=53980>
- [3]. <https://www.spacetelescope.org/news/heic1414/>
- [4]. <https://www.ligo.caltech.edu/image/ligo20160211a>
- [5]. V M Das *International journal of innovative research and development* **Volume 3 Issue 8** p 194- 210 (2014)
- [6]. V M Das *International Journal of Sciences: Basic and Applied Research (IJSBAR)* **Volume 17, No 1**, p 292-324 (2014)
- [7]. V M Das *International Journal of Sciences: Basic and Applied Research*, **Volume 17, No 1**, p 148-185 (2014)
- [8]. V M Das *International Journal of Sciences: Basic and Applied Research*) **Volume 16, No 2**, p 274-309 (2014)
- [9]. W S Harris *JAMA Arch Intern Med.* **Volume 159, N019** , Oct-25 p 2273-2278 (1999)
- [10]. V M Das *International Journal of Sciences: Basic and Applied Research* **volume 16 , number 1** , p 311-338 (2014)
- [11]. V M Das *Social and basic sciences and research review* **Volume 2**, Issue 4 p 197-255 (2014)
- [12]. V.M.Das *Asian Journal of Science and Technology* **Vol.06 Issue 12**, pp.2075-2099 (2015)
- [13]. V.M.Das *International Journal Of Scientific research* **Volume 4 Issue 5** pp 795-804 (2015)
- [14]. <https://www.youtube.com/watch?v=Fb3gn5GsvRk>
- [15]. <http://www.sr.bham.ac.uk/~amr/mergers.html>
- [16]. <http://www.astronomy.com/news/2014/01/active-supermassive-black-holes-revealed-in-merging-galaxies>
- [17]. [<https://www.spacetelescope.org/videos/heic1414a/>]