



# INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

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## Nobel Prize Physics 2020

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*“for the discovery that black hole formation is a robust prediction of the general theory of relativity” And “for the discovery of a supermassive compact object at the centre of our galaxy” Are On Fiction As Prediction and General Theory Of Relativity And Observation Of Black Hole All Are Fictitious Out Come Of Maths As Black Holes Are Objects Of Destruction Phase Of Universe When White Holes Or Quasars Would Transform Into Black Holes And It Is Prediction Of Hoyle Narlikar Universe Rather Than Fake BigBang Cosmology . Marks Allotted Zero On Awarded Work.*

### Abstract

Universe started neither with quasars nor ended with black holes ( As said by Prof .S.W Hawking ) rather it started with cold reaction with formation of sphere of cold dark matter layer with few empty canals in it all around ( non expanding phase of universe) . Later by virtue of unconditioned working it started expanding with velocity of light and hot reaction triggered with formation of H<sub>2</sub> clouds and lot of radiations making empty canals Quasars. With the contraction phase , This Hot reaction would stop and once again canals would be empty . There would be no gravity effect in these empty canals . Now they will be called black holes as they will be seen black ( not complete black) to us engulfing star’s matter in it. After star’s matter would be engulfed , the nuclear reaction would stop by unconditioned working of nature in canal and in last they will become empty canals . Further ,this structure would collapse and we would get infinite tachyons or symmetry phase of universe. In the last Almighty B.B.B power will stop functioning and universe once again would reach in dormant stage.

**Key words** Basic Building Blocks, Atomic Genetics, Atomic Transcription and Translation, Tachyons, Atomic Genetic Engineering , Hoyle -Narlikar universe ,

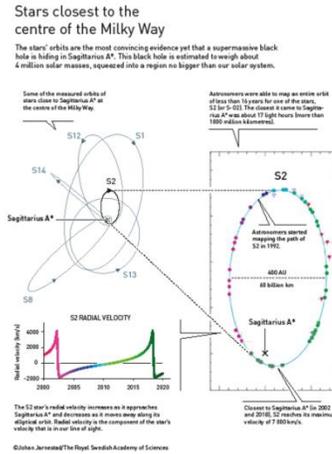
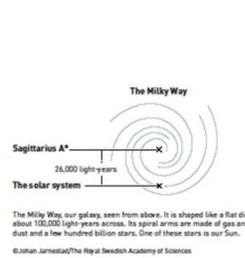
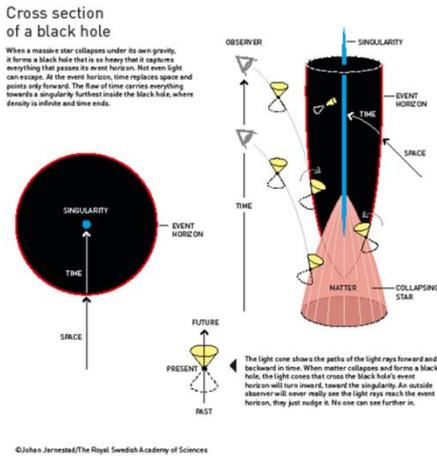
### Introduction

#### 1.1 Black holes and the Milky Way’s darkest secret [1]

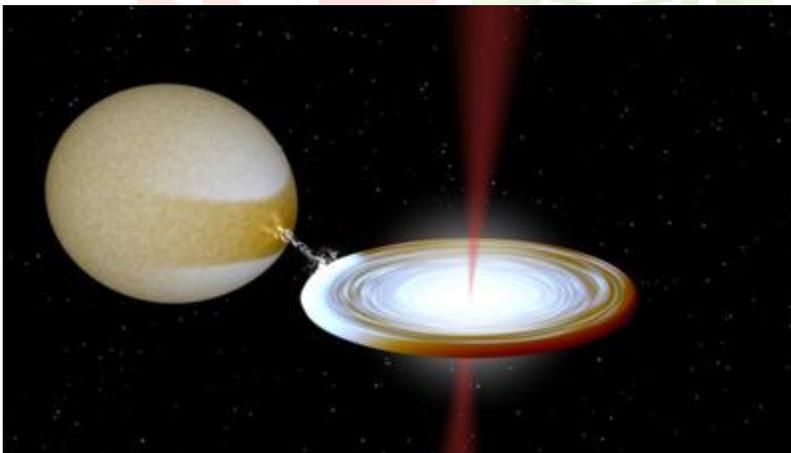
Three Laureates share this year’s Nobel Prize in Physics for their discoveries about one of the most exotic phenomena in the universe, the black hole. Roger Penrose showed that the general theory of relativity leads to the formation of black holes. Reinhard Genzel and Andrea Ghez discovered that an invisible and extremely heavy object governs the orbits of stars at the centre of our galaxy. A supermassive black hole is the only currently known explanation. **Roger Penrose** used ingenious mathematical methods in his proof that black holes are a direct consequence of Albert Einstein’s general theory of relativity. Einstein did not himself believe that black holes really exist, these super-heavyweight monsters that capture everything that enters them. Nothing can escape, not even light.

In January 1965, ten years after Einstein’s death, Roger Penrose proved that black holes really can form and described them in detail; at their heart, black holes hide a singularity in which all the known laws of nature cease. His groundbreaking article is still regarded as the most important contribution to the general theory of relativity since Einstein. **Reinhard Genzel** and **Andrea Ghez** each lead a group of

astronomers that, since the early 1990s, has focused on a region called Sagittarius A\* at the centre of our galaxy. The orbits of the brightest stars closest to the middle of the Milky Way have been mapped with increasing precision. The measurements of these two groups agree, with both finding an extremely heavy, invisible object that pulls on the jumble of stars, causing them to rush around at dizzying speeds. Around four million solar masses are packed together in a region no larger than our solar system. Using the world’s largest telescopes, Genzel and Ghez developed methods to see through the huge clouds of interstellar gas and dust to the centre of the Milky Way. Stretching the limits of technology, they refined new techniques to compensate for distortions caused by the Earth’s atmosphere, building unique instruments and committing themselves to long-term research. Their pioneering work has given us the most convincing evidence yet of a supermassive black hole at the centre of the Milky Way. “The discoveries of this year’s Laureates have broken new ground in the study of compact and supermassive objects. But these exotic objects still pose many questions that beg for answers and motivate future research. Not only questions about their inner structure, but also questions about how to test our theory of gravity under the extreme conditions in the immediate vicinity of a black hole”, says David Haviland, chair of the Nobel Committee for Physics.



1.2 Conventional views as regard Black Hole 1. Black hole winds stronger than expected Feb 28, 2014 18 comments



No limits: black holes blow powerful winds

Black holes release more energy into their host galaxies than previously thought, according to an international team of researchers. The team observed a microquasar in the galaxy M83 and found that the outgoing kinetic power of the object was more than predicted for a black hole of that mass. Their finding should help improve models of how black holes evolve over time, as well as improve our understanding of the effects of black holes on gas in the early universe.

A microquasar is made up of a compact central object such as a black hole, which is surrounded by an accretion disc of in-falling matter and a pair of bright radio jets. While normal quasars consist of supermassive black holes that are millions of solar masses, microquasars involve a "stellar mass" black hole that is usually about three to ten times the mass of the Sun. Another common feature of microquasars is that their accretion discs tend to be very luminous in the optical and X-ray regions.

**Jet setting** In the new work, Roberto Soria at [Curtin University](#), Australia, together with other colleagues in Australia, the US and the Netherlands monitored the outflow of the black hole MQ1 for over a year. “We observed a bubble of hot gas, with characteristic optical and infrared lines from hydrogen, sulphur, oxygen and iron. This suggested that something was heating or shocking this gas,” says Soria. The bubble has two lobes sticking out of it, suggesting that there is a pair of jets. “We detected very strong radio emission from that same bubble...that is usually a signature of a powerful jet slamming onto dense gas and producing energetic electrons,” he says. Indeed, when they looked at the X-rays coming from the object they saw a point-like source in the centre of the [bubble](#). This type of emission is exactly what is expected from the vicinity of a black hole that is sucking in a lot of mass, according to Soria. They then used the spectral information to estimate the power of the jet. Combined with the temperature and luminosity of the X-ray emissions from the accretion disc, they estimate that the black hole is about 100 km across. From that, the researchers can tell it is definitely less than 100 solar masses. “In fact, I think probably much less...about 10–50 solar masses, but we cannot be sure because that depends on black hole spin and viewing angle, and we do not have any information,” explains Soria.

**Going with the flow** .What is surprising about the system is that the black hole appears to be emitting more energy than expected for its mass. As mass accretes around a black hole, it gets heated and ionized and the black hole releases energy in the form of radiation (X-rays) and an outflow of particles referred to as mechanical power. The radiation flowing outward cannot exceed the “Eddington limit”, which is related to the black hole’s mass. The Eddington luminosity is the maximum luminosity a [stellar](#) body can achieve when there is a balance between the outward force of radiation and the inward gravitational force. While the radiation is strictly governed by this limit, it has not been clear if the mechanical power – in the form of particle [jets](#) and winds – is constrained by the same limit.

If you have a few of those beasts in a small galaxy, they can easily heat and blow away all the gas in the galaxy **Roberto Soria, Curtin University** “The jet is not limited by the Eddington luminosity, because it's very thin...very collimated. It pierces a hole straight through the gas, like shooting bullets at a cloud,” explains Soria. But astronomers use the Eddington limit as a unit of measurement for “absolute power” of a black hole. Soria explains that the luminosity itself can go three or four times past the limit, which can be thought of as the point at which a further increase in mass has a negligible effect on the power. This occurs because it takes an exponential increase of the mass falling in to cause a linear increase in power. In the past, it was thought that the mechanical power produced by a stellar-mass black hole was always less than the radiation, but the team’s latest work shows that it can be as high or higher. Soria tells [physicsworld.com](#) that over the last few years, astronomers have discovered about a dozen stellar-mass black holes with powerful jets in nearby galaxies and that MQ1 is one of the most powerful. Also, MQ1 is the first object whose mass is constrained, allowing the team to confirm that stellar-mass black holes can reach this mechanical power of a few million times the current output of the Sun. Intriguingly, another class of powerful black holes found in nearby galaxies that reach characteristic luminosities of a few million times the Sun, but with radiation rather than mechanical energy, have been detected. Such “ultraluminous X-ray sources” (ULXs) are also thought to be powered by stellar-mass black holes.

**Early ionization** . Soria says that because of recent work on microquasars and ULX research, astronomers are starting to form a coherent view of stellar-mass black holes in the local universe. He adds that this knowledge could lead to a better understanding of quasars in the early universe, which were then accreting at the maximum rate. Mitch Begelman, a theoretical astrophysicist from the University of Colorado, Boulder in the US, who was not involved in the work, says that while the result is not surprising “it does provide a new, intriguing piece of evidence along the lines of what many of us have long suspected. I don't think it requires a new view of black hole [physics](#), but might help to settle some lingering questions about the nature of ULXs and outbursts from microquasars”. In the long run, the new work could help researchers understand how stellar-mass black holes may have had a significant role in ionizing and heating ambient gas in the early universe. “Today such powerful sources are rare, but we think they were much more common at the time. Star formation was more active at that time, so more of these microquasars were formed. If you have a few of those beasts in a small galaxy, they can easily heat and blow away all the gas in the galaxy,” says Soria. The research is published in *Science*. **About the author** Tushna Commissariat is a reporter for [physicsworld.com](#)

### 1.3 .Black holes give as well as take

26 March 2003

**Black holes are well known for their ability to swallow matter, but now a group of astronomers in the US has found evidence that they might emit substantial amounts of matter as well. George Chartas of Penn State University and colleagues have discovered that quasars - star-like objects that are thought to be fuelled by supermassive black holes - eject significant quantities of gas into space, including elements such as carbon, oxygen and iron.**

Theorists have predicted that light emitted by quasars should act as a kind of wind, blowing gas from the accretion disc that surrounds a quasar's black hole into intergalactic space. This occurs because ions in the gas absorb photons and acquire their momentum. Chartas and colleagues observed this phenomenon by studying the absorption of X-rays from two quasars known as APM 08279+5255 and PG1115+080, using the “gravitational lensing” of intervening galaxies to magnify the unabsorbed radiation. Astronomers have previously found evidence for this effect in the ultraviolet region of the spectrum, but the new data suggest that X-rays could eject material into space at about ten times the rate of radiation at longer wavelengths. “The winds we measured imply that as much as a billion suns' worth of material is blown away over the course of a quasar's lifetime,” said Chartas. By measuring the relativistic Doppler shift of the absorption lines, the researchers calculated that the ejected gas was travelling at 40% of the speed of light, considerably faster than predicted. They also found that the quasar winds might regulate the growth of black holes and stimulate star formation. The results, which were presented yesterday at a meeting of the American Astronomical Society in Quebec, come from data obtained by NASA's Chandra X-ray Observatory and the European Space Agency's XMM-Newton satellite. XMM-Newton and Chandra, the third of NASA's “great observatories” after the Hubble and Compton

satellites, were both launched in 1999. **Author**  
Edwin Cartlidge is News Editor of *Physics World*

#### 1.4 . First quasars shed light on the early universe

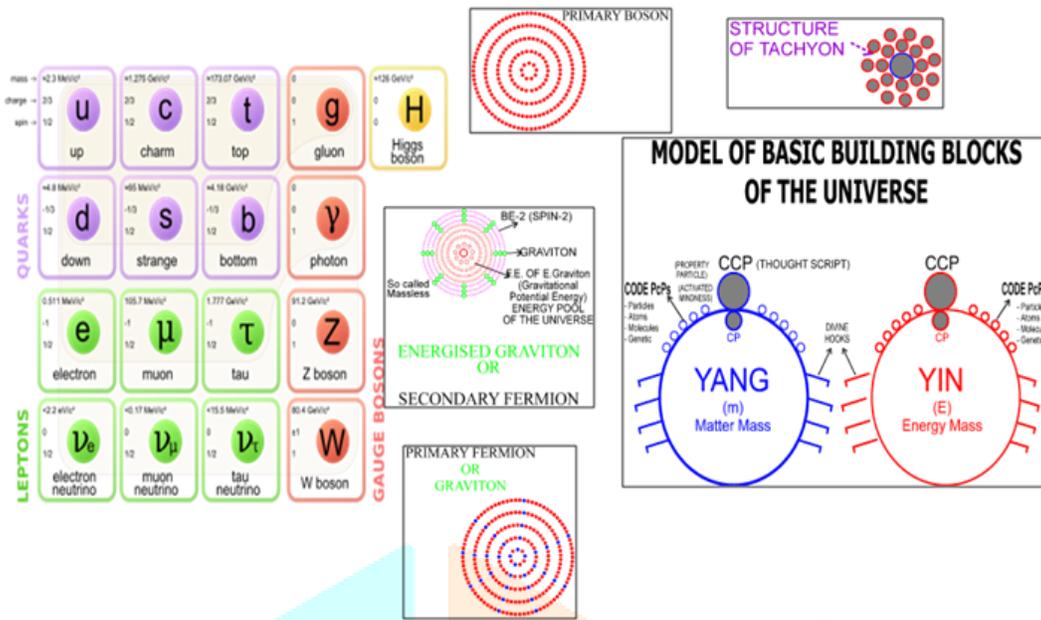
23 January 2003

**Two astrophysicists believe they have found the first direct evidence for how large galaxies were able to form in the early stages of the Universe. Abraham Loeb at Harvard University and Rennan Barkana at the University of Tel Aviv believe that a signature in the emission spectrum of certain quasars may provide clues to the mechanisms that allowed these early galaxies to grow so quickly (R Barkana and A Loeb 2003 *Nature* 421 341)**

Quasars are the oldest known astronomical objects and can thus provide important information on the state of the early Universe. They are thought to exist at the centres of giant host galaxies and may be powered by supermassive black holes, which would explain why they are the brightest objects in the sky. There is now compelling evidence that galaxies as large as the Milky Way had already formed less than a billion years after the Big Bang. However, existing models of galaxy formation cannot explain how so much matter could have assembled at such a rapid rate. Loeb and Barkana have now studied the absorption spectra of two very distant quasars, found at high redshifts of 4.79 and 6.28 by the Sloan Digital Sky Survey in 2001. The redshift is a measure of how fast an object is receding from the Earth due to the expansion of the Universe -- a higher redshift means that the object is further away. The spectra contained emission lines resulting from excited hydrogen atoms with characteristic "double-horn" peaks that could not be explained. Loeb and Barkana believe that these peaks are unique "signatures" which may provide direct evidence that quasars are embedded in massive host galaxies. Such a host galaxy gravitationally pulls in large quantities of gas from its surroundings, which would absorb some of the light from the quasar. The researchers say that, based on the absorption signature, they can estimate the amount of gas falling into the host galaxy. This enables them to calculate the gravitational force exerted by the host galaxy and consequently its total mass. The researchers show that the two quasars lie in galaxies that weigh about  $10^{12}$  solar masses -- which is about the size of the Milky Way. They calculate the total in-fall rate of gas into these galaxies to be about 1300 solar masses per year for the  $z=4.79$  quasar and 2900 solar masses per year for the  $z=6.28$  quasar. From these rates they estimate that the host galaxies of these quasars could have been formed in about 300 million years for the  $z=4.79$  quasar and 900 million years for the  $z=6.28$  quasar. This ties in well with the age of the Universe, which is estimated to be about 14 billion years. The team admit that more observational data are needed to test their model and now hope to look at other quasars. "We are working on similar signatures for less massive galaxies - those that may host other sources of light such as gamma-ray bursts which are visible at greater distances," Loeb told *PhysicsWeb*. **Author** Belle Dumé is Science Writer at *PhysicsWeb*

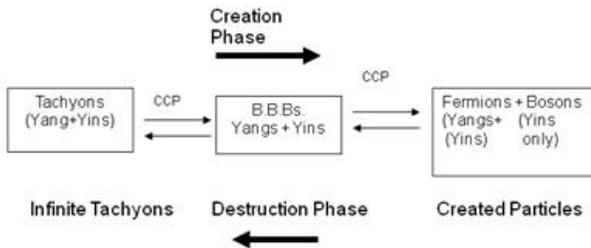
#### 1.5 Big bang supports do not know how would destruction of the universe start .

What is the fate of our universe ? They only predict that receding galaxies would start contracting and finally there will be Big bang crunch . The truth is receding galaxies will not contract rather CDM layer will halt and it would contract and quasars would transform in black holes and thus contraction phase of the universe will trigger. They think that Hubble constant would become Zero which is a myth by participatory science . The Hubble constant ( at present 72 Mpc/km/sec ) would once again increase in contraction phase of the universe before all the matter would be engulfed by Black holes . It will be triggered by Highest center ( Almighty B.B.B power ) of the universe .The effects of matter and energy are different in different branches of science. In physics the effects are classified as classical physics and quantum physics. While in life sciences the effects are not physical rather they are associated with thoughts also. What are the basis of physical sciences as well as of life sciences or how laws of physics as well as of life sciences are made that is to be discussed in a very simple way. The reason being one is not equipped with structure of the matter , origin of the universe and atomic genes as taught by participatory science . The standard model not only modified rather it has been completed [4] with introduction of energized gravitons , primary fermions, primary bosons , Basic Building Blocks , Mind and Tachyons .



Standard model completed with Fundamental particles and Mind And Tachyons

( standard Model chart ) [2-11]



Standard Model during each creation of the universe keeps on shifting from Tachyons to created fermions and bosons and during destruction it keeps on shifting from created particles to Tachyons . Only B.B.Bs ( two ) are eternal and immortal . Simultaneously information's do not die . Hence B.B.Bs are Omnipresent and Omniscience. Omnipresent is defined as God. Hence B.B.Bs are God particles ( Mind and mass ) .

( one creation and destruction cycle ) [2-11]

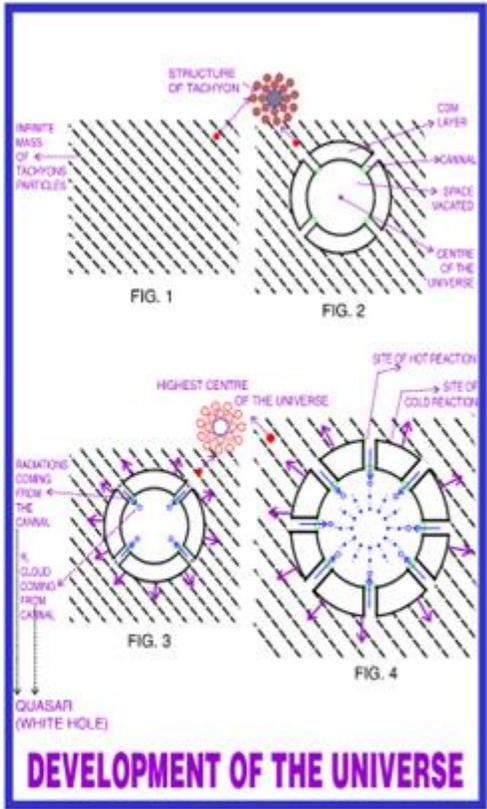


1.6 Origin of the universe [2 to 11]

**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 'QUASAR STRAHS' GRAVITATIONAL COLLAPSES MAY FORM SOME MATTER IN THE UNIVERSE. THE HUGE LUMINOSITY AND THE RADIATION FROM THESE 'QUASAR STRAHS' APPEAR TO BE 'GRAVITY POWERED' UNUSUAL STARS WHICH DERIVE THEIR ENERGY FROM NUCLEAR REACTIONS



**UNIVERSE "I"**

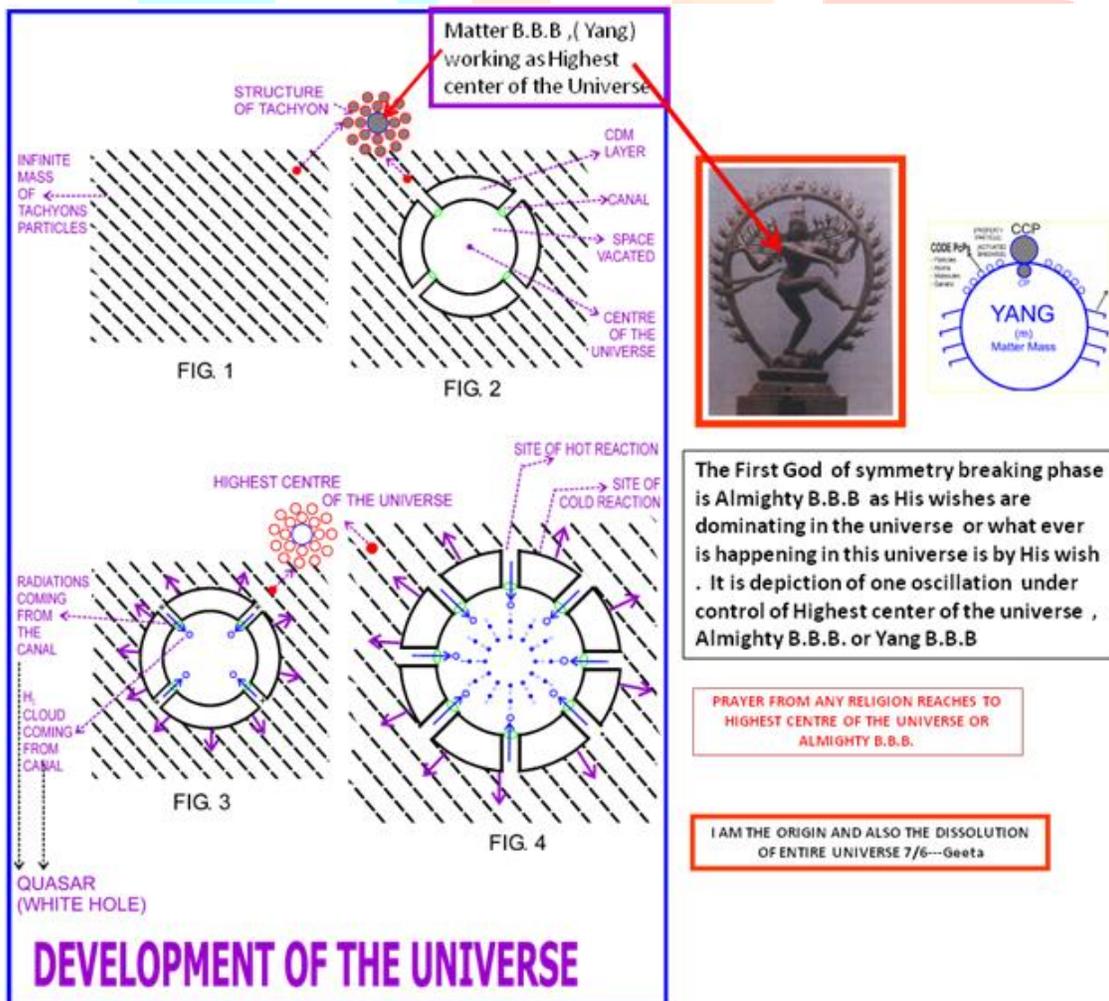
Development of the Universe

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 [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.

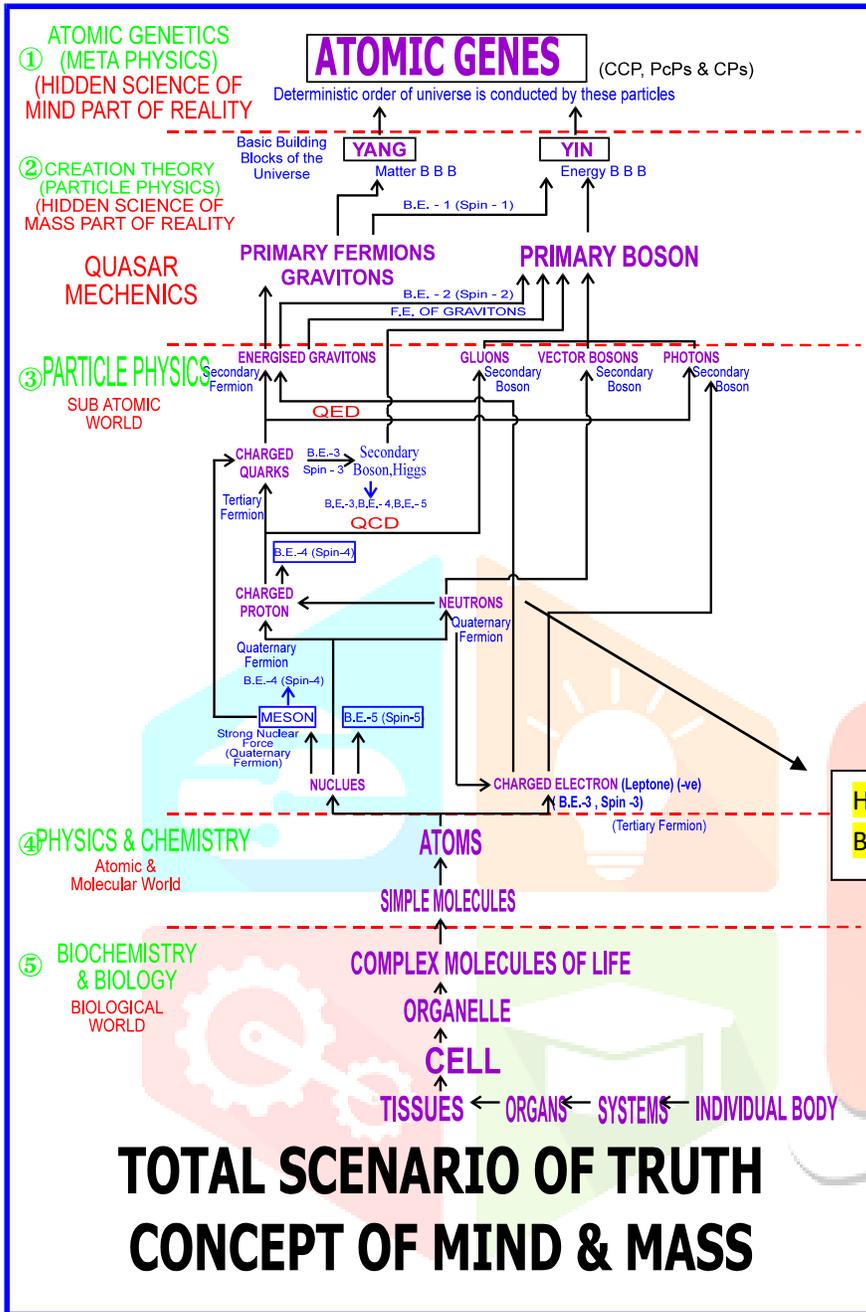
At the time of origin of the universe, all the effects got created. These effects are taking of different shapes and appearance of properties and laws. All these effects are studied in various branches of science.

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.

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 9.1and 9.2

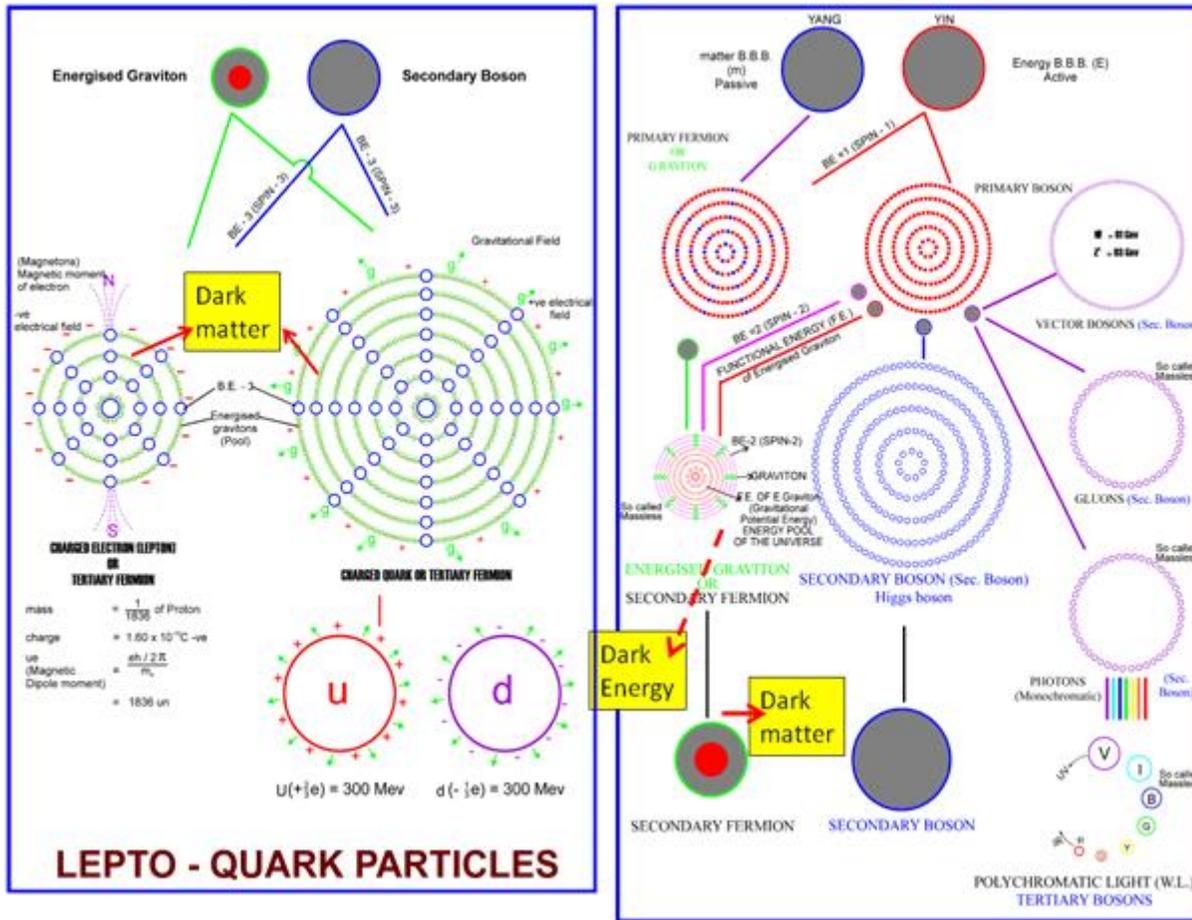


Hoyle Narlikar Universe OR Universe "I" [2-11]



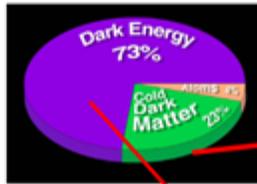
Total scenario of Truth Mind and Mass [2-11]

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



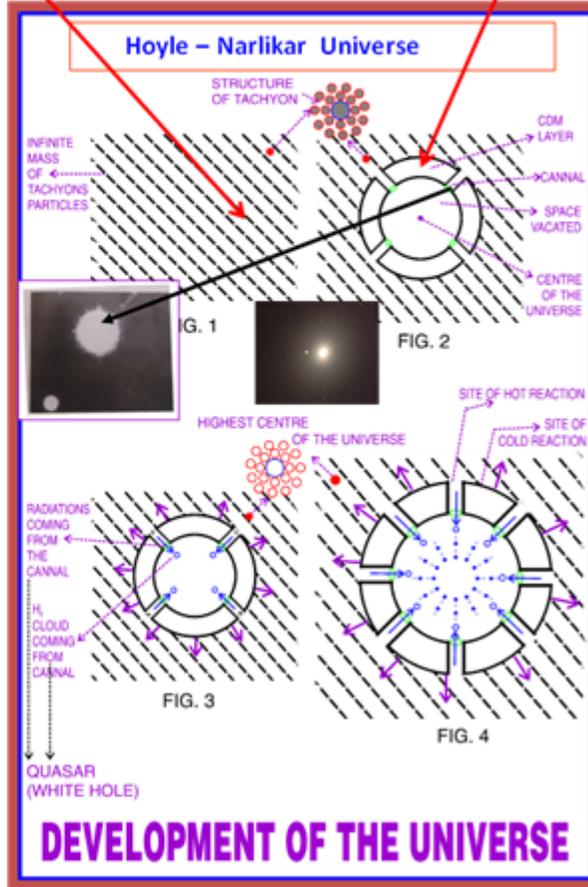
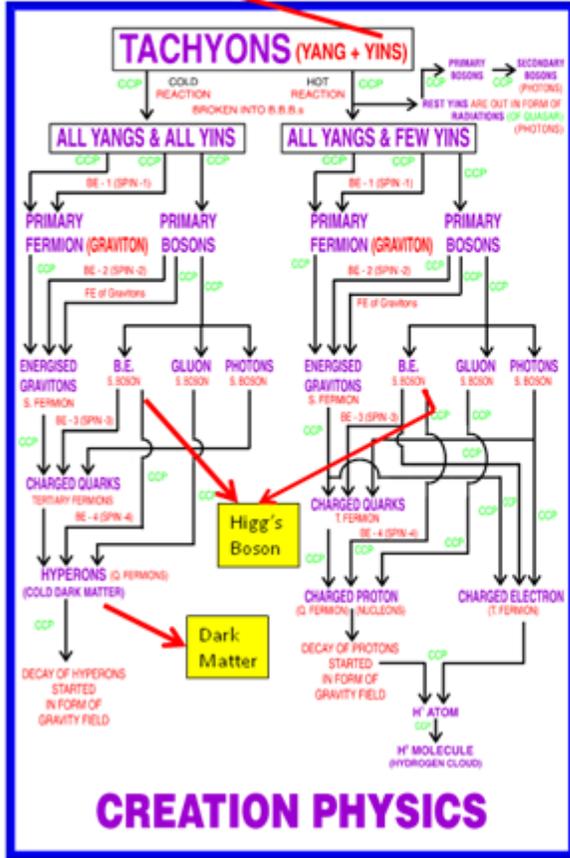
Structural configuration of Leptons and Quarks as regard DM and structural configuration of DM and DE at micro level [2-11]





DE in form of Tachyons Particles  
Yins B.B.Bs

DM forming CDM layer  
Made up of Hyperons



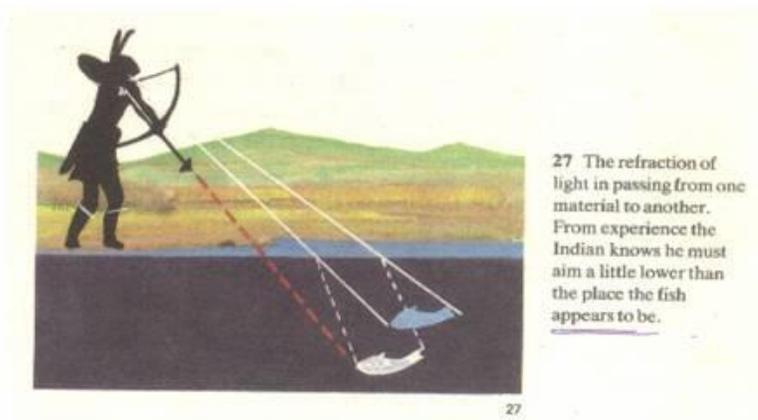
structural configuration of DM and DE at macro level [9]

## Structure

### 2.1 MYTHS REGARDING BLACK HOLE and Myths regarding quasars- correction in conclusions or inferences

Following are wrong conclusions OR MYTHS Regarding Quasars

1. They are thought to exist at the centres of giant host galaxies and may be powered by supermassive black holes, which would explain why they are the brightest objects in the sky.
2. Loeb and Barkana believe that these peaks are unique "signatures" which may provide direct evidence that quasars are embedded in massive host galaxies
3. The researchers show that the two quasars lie in galaxies that weigh about  $10^{12}$  solar masses These wrong conclusions could only be corrected by one who knows making of new model of the universe called by the name of HOYLE - NARLIKAR universe.



**Fig 1** Aiming and seeing both are different while killing fish in water .

Observing the QUASARS and interpreting it by learned scientists as stated above ( 1-3 statements - blue one ) is the same as aiming the fish in water where it is visible by naked eyes ( **Fig-1** ) . To interpret the right inferences about quasar or to study the quasars , one has to learn how to make new model called HOYLE-NARLIKAR universe and one has to know what is the principles that governs mysterious behavior of quasars i.e. –

1. Why do quasar have different red shifts ?
2. What is the right interpretation of these different red shifts ?

If one knows the answers of these questions , then one could understand the mysteries of quasars . You have to give answer like answering why does a killer aim a little lower than where the fish is visualized. **According to the new model of the universe ( Fig-2 ) – Hoyle – Narlikar universe, all quasars are at the edge and they are canals in cold dark matter layer receding with velocity of light and they don't obey HUBBLE LAW .** So , as regard their different velocities of recession and their positions at different distances from us as given by  $z = 4.79$  and  $6.28$  and Hubble Law are illusive. To remove this illusion , one should know two principles-

1. Perfect Cosmological Principle- given by Prof. Fred Hoyle and their colleagues
2. Unconditioned working of Atomic Genes or Basic Building Blocks.

**Perfect Cosmological Principle-** Density distribution per unit volume remain the same as it was any time in past and will continue to remain the same at any time in future. Accepting the uniform separation of any one clusture from another, the theory goes on to say that matter is in state of continuous creation at the rate sufficient to accommodate density value with in the portion of space vacated by over all expansion.

**CLARIFICATION of the principle** – This principle is applicable not only to HOT matter ( that forms galaxies ) but also to the COLD matter ( Cold Dark Matter Layer ) too ( **Fig-2** ) . If you consider total mass of hot and cold matter with ratio to the total vacated space of both hot and cold matter , the density of the entire created universe ( both visible and created invisible ) would remain the same all the time. So nature was deciding how much Tachyons should transform in to cold matter and how much into hot matter. Having fixed their amounts by the nature , universe started expanding with velocity of light i.e. C.D.M layer started expanding with velocity of light. This type of working of nature or Basic Building Blocks is called Unconditioned working of atomic genes or B.B.Bs.

Nature had also fixed the distribution of galaxies of visible universe. Distribution of galaxies in the entire visible universe is not uniform or evenly spread throughout the universe as thought by big bang supporters rather it is forming a structure called GAINST SUPERSTRUCTURES recently found in galactic survey such as GREAT WALL , a string of galaxies stretching across the sky for at least a half – billion light years. ( **Fig-3** ) and ( **Fig-4** )

### HOYLE – NARLIKAR UNIVERSE MODEL

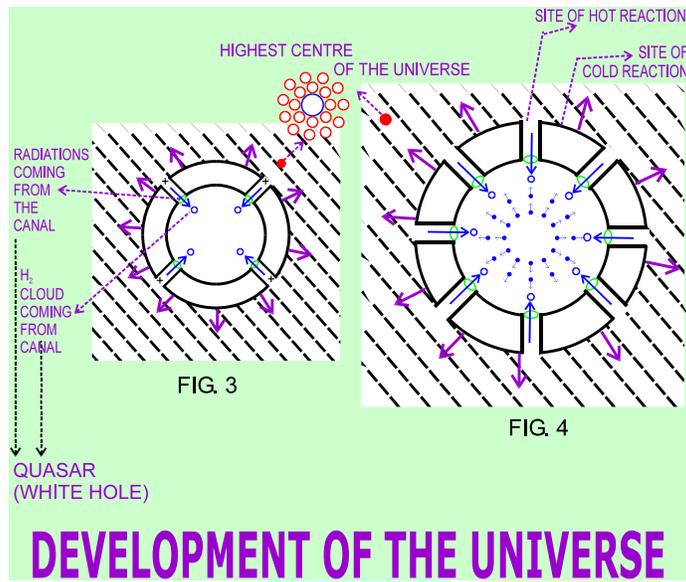


Fig 2 Hoyle Narlikar Universe or Universe “I”

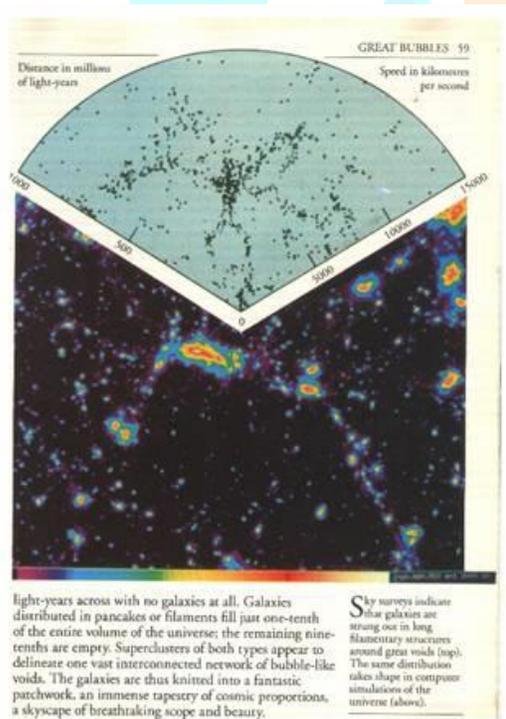
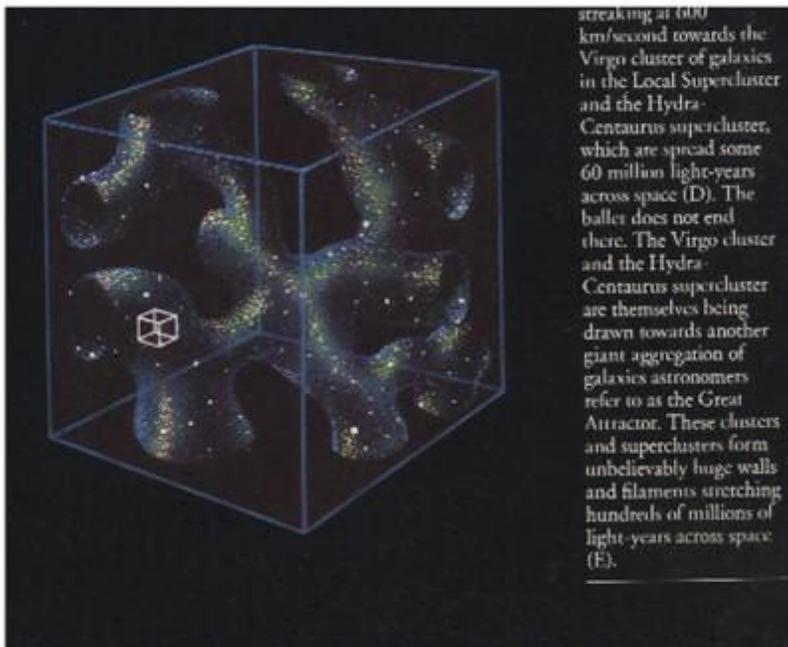


Fig 3 Prediction of Hoyle Narlikar Universe Confirmed



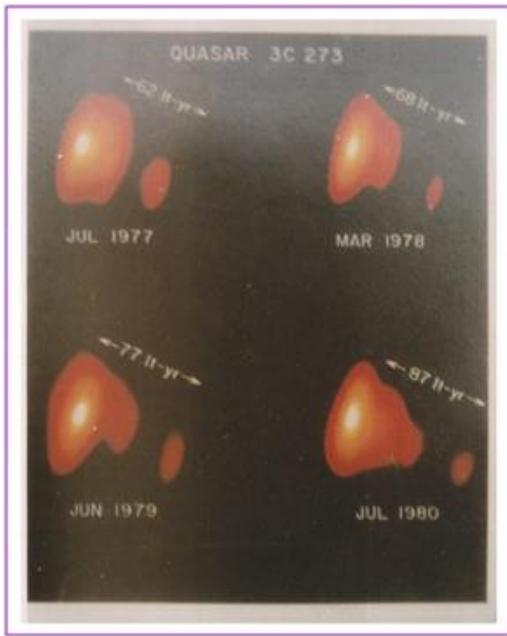


**Fig 4** Prediction of Hoyle Narlikar Universe Confirmed

It is these superstructures ( **Fig-4**) that decides the red shifts of the hydrogen clouds inside the quasars. If the  $z=0.545$ , it means the created hydrogen cloud is receding with 41 % of  $c$ . If the  $z=2.01$ , it means velocity of recession of hydrogen cloud is 80.1% of  $c$  and if  $z=4.13$ , it means velocity of recession of hydrogen cloud is 93.4% of  $c$  inside that quasar and so on. Red shift of the hydrogen clouds inside quasars is decided by unconditioned working of the nature and thus we observe some clouds are coming out the canal either early( having slow velocity of receding ) or late ( having high velocity of receding ) because the canal is moving with velocity of light and those clouds having less velocity of receding would emerge out as rapid jet with those which are having high velocity of receding along with huge radiations. So only that much matter is allowed to come in the visible universe from all quasars which could form these **giant superstructures**. Had their red shifts been constant, then there would have been uniform distribution of galaxies in the entire visible universe or evenly spread throughout the universe instead of present distribution of galaxies ( **Fig-4**).

The velocity of tachyons as calculate is 303699 km/sec. During hot process, it is broken down into its basic constituents ( matter B.B.Bs and energy B.B.Bs). When the hydrogen is formed by joining these B.B.Bs, nature sets a new different velocity of recession to hydrogen clouds of different quasars resulting in different red shifts of different quasars. So this was about red shifts of quasars. For other myths we shall discuss later on.

## 2.2 Now we discuss in short about tiny variation in CMB radiation (Fig-2 and Fig -5 )



**Fig 5** Quasars ejecting hydrogen Clouds

Interpretation of tiny variation of CMB means matter creation is continuous and matter created first cooled first than the matter created later on thus developed tiny variation in CMB radiations. This variation 360 degree sky means it is the CMB of this particular cloud that led to formation of our earth or solar system rather than the whole universe. **So this observation performs continuous creation of the matter rather than any thing else.**

According to Hoyle -Narlikar model , at point T site of hot reaction the temperature is  $15 * 10^9$  degree centigrade . the temperature of the cloud as shown in Fig 5 is very low. The temperature inside the canal drops very rapidly due to unconditioned working of the nature . When the wispy cloud comes out of canal its temperature further falls and for our cloud it has cooled down to 2.7 Kelvin. This falling of temperature is due to conditioned working of the nature and i.e. passage of time and it took  $11 * 10^9$  years to cool down to 2.7 Kelvin

## 2.3 As Regard Early Density of the universe -

According to Hoyle - Narlikar universe - during symmetry phase , the density of the universe was very very less. At the time of creation , the density increased with the formation of cold matter with lot of space was vacated. After the sphere of Cold dark Matter was formed along with canals in it, it started expanding with velocity of light. Simultaneously Hot reaction started at the other end of the canals . With the result lot of radiations , temperature, and breaking of tachyons into their Basic Building Blocks occurred. Universe started expanding with velocity of light.

## 2.4 Energized Gravitons and dying stars.( Fig -6)



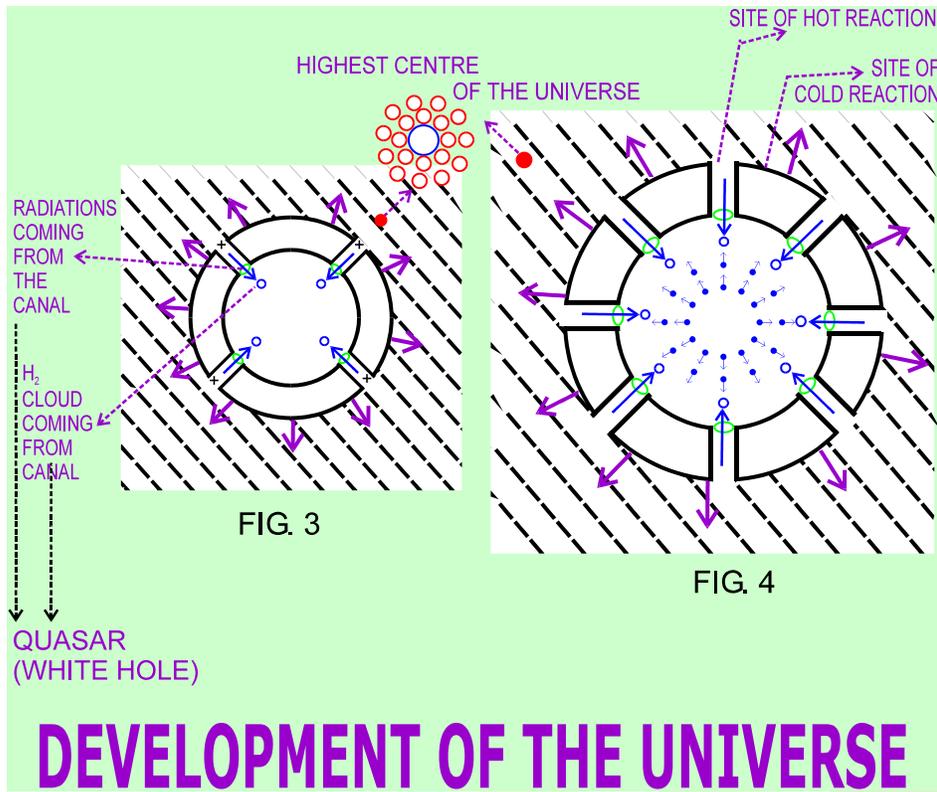
**Fig 6 Fate of Dying Stars are decided by Divine Mechanics rather than mass of star**

Fate of the star is decided by fed thoughts which were triggered as the end stage of star is reached. These fed thoughts were fed in pre creation era by highest center of the universe.

1. Thought of Red Giant leads to formation of red and finally white dwarf.
2. Thought of neutron star leads to formation neutrons star.

It never depends upon the different masses of suns as predicted by Prof. Chandrasekhar. Though the different masses ( critical mass 1.44 times the sun's mass) of suns could decide the type of thought expressions ( conditioned stimulation of atomic transcriptions) When binary stars come to end stage , its one star takes the shape of red Giant and the another star takes the shape so called black body or so called highly dense black body having very high gravitational effect such that the escape velocity is more than speed of light. Thus making it a highly dense black body. Having reached this critical stages, the hot material of red giant stars starts falling into highly dense black body in circular manner ( phenomenon of inter orbital shift triggers) such that it forms a circular disc all around of the highly dense black body. During fall, as the matter is made up of charged particles , there develops a electrical field right angle to the falling matter . The effect of electrical field is very high and as it reaches the limits of event horizon , the falling material ejected out right angle to the electrical fields. During fall , the velocity of the matter increases and it reaches at the speed of light ( body falling under gravity gets accelerated due to g) and it obeys so called Flemings right and left hand rules ( it is the mind that makes the law ) simultaneously that is why positive charged material is ejected in one direction and the negatively charged is ejected out in opposite direction with speed of light . The hot material of Red Giant never falls in highly dense black body ( it is not Black hole ) .

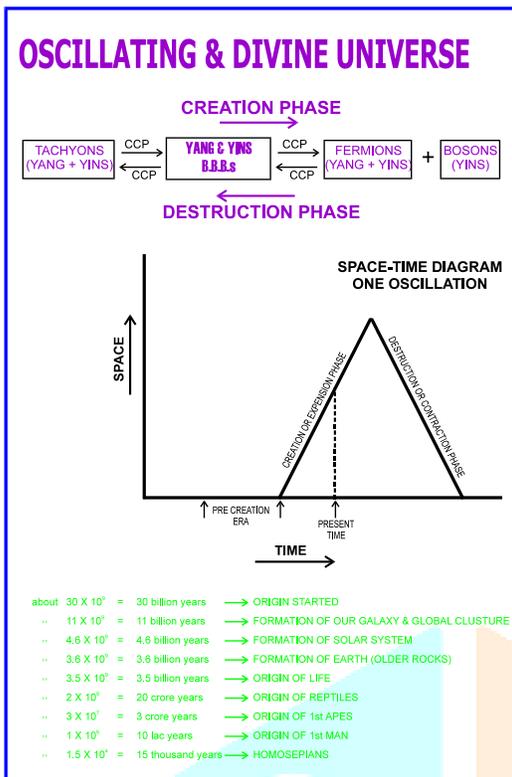
## 2.5 BLACK HOLES – The truth is - ( Fig 7 )



**Fig 7** Reverse of Expansion phase means during Contraction of CDM layer would make white hole into black hole . Divine Mechanics of quasar would shifted the canal into Black Hole . Prediction of Theory .

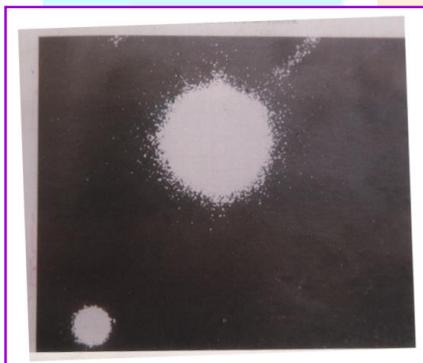
Black holes are formed when the white holes or quasars stop their functions at the end of expansion phase of the universe. During contraction phase the white holes or quasars would transform into black holes . Black holes are the phenomenon of contraction phase of the universe rather than expansion phase of the universe. The entire created matter ( galaxies ) would then be engulfed by black holes and again the universe would reach in symmetry phase of the universe i.e in tachyons form.

**BLACK HOLE PHYSICS** To understand black hole physics , one has to understand quasar physics. **1.** Quasars are the phenomenon of expansion phase of universe. While black holes are the phenomenon of contraction phase of the universe. ( Fig 8)



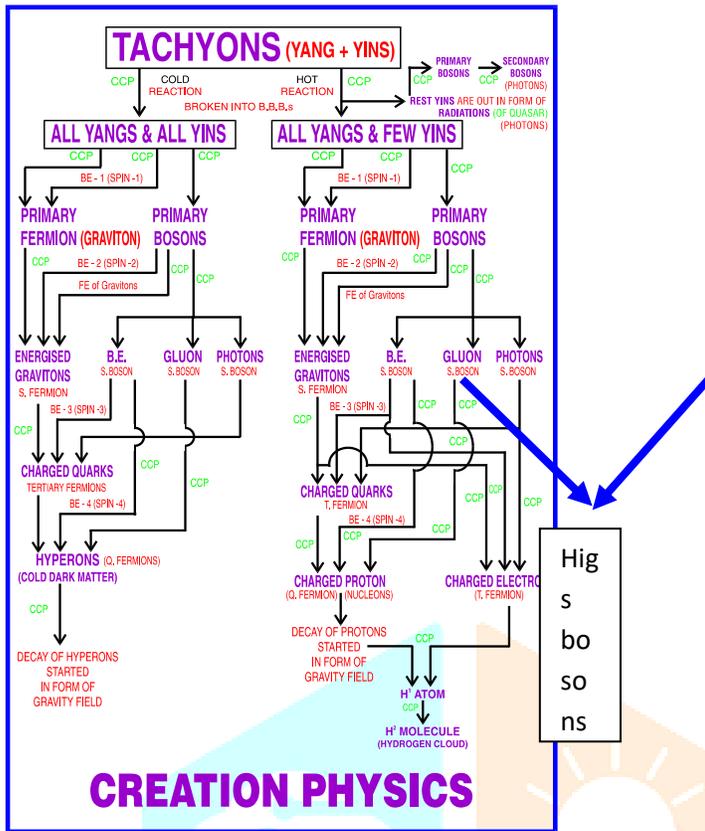
**Fig 8** Time Space graph showing Oscillating and Divine Universe

2. Diameter of quasar is 100 AU. The same diameter of black hole would be in contraction phase. ( Fig 9 )



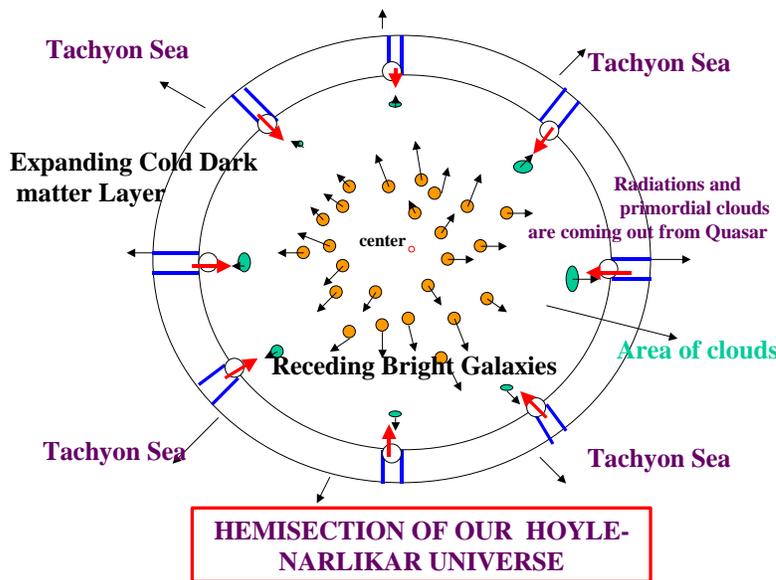
**Fig 9** Diameter of Quasar is 100 AU

3. In the quasar , there is creation physics ( Fig 10). While in the BH , there would be destruction physics. Both the physics would be triggered by unconditioned thought expressions . Created matter would decay into basic building blocks and finally tachyons would form.



**Fig 10** Reverse of Quasar Physics would be Black Hole Physics hat would be Controlled by Divine Mechanics

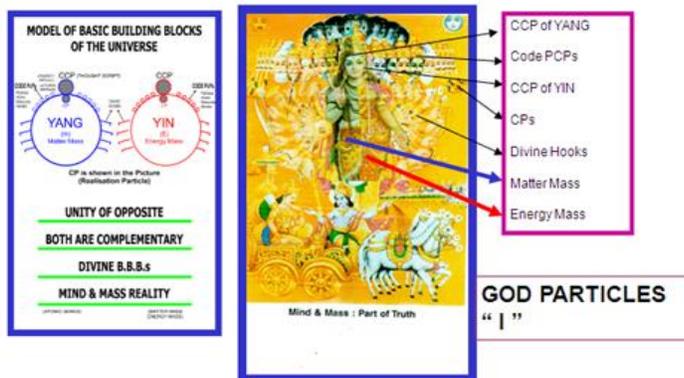
4. Quasars exhibit red shift as created matter ( Hydrogen and He clouds ) is receding with varying velocities . Hence different red shifts are there. Black holes would exhibit red shifts of hydrogen and He of stars of galaxies.
5. Quasars show radiations as there is creation physics . Hence they are white holes. But Black holes will not show radiation as there is no radiation in destruction phase. Hence it is Black hole.
6. Quasars are associated with expansion of Dark matter layer . While Black Holes are associated with contraction of Dark matter layer.
7. Quasars are distant objects as there is a gap between bright galaxies and quasars and it is occupied by clouds ( area of clouds ) . Black holes would be not distant objects as they would be seen when bright galaxies would be engulfed after engulfing clouds ( area of clouds ) that have not transformed into bright galaxies. ( Fig 11)



**Fig 11** Hoyle Narlikar Universe

8. Gravity effect is absent in quasars. It is due to unconditioned working of mind in quasars. Same is true for black hole. Dark matter layer gravity works only in closed universe to give Hubble Law effect. Quasars do not obey Hubble law . Black holes would not obey Hubble Law.
9. Quasars do not show gravitational red shifts as it is devoid of gravity . There is only Doppler's red shift. Similarly Black Holes would not show gravitational red shifts of engulfed matter. It would show only Doppler's red shift.
10. As created matter do not show stretching effect . Similarly Black Holes would not show stretching of engulfed matter as both are devoid of gravity effect.
11. Information is carried by basic building blocks of the universe. As they are eternal particles , hence information is eternal. Hence they never die what ever be the stage of the universe. Informations are not lost in quasars. Similarly information would not be lost in black holes. ( Fig 12). While passing through black holes matter ( fermions and bosons ) transforms into tachyons . Matter is mortal or photon dies as it is mortal but information is immortal. Information is carried by CCP ( thought script )

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 10:3  
These are divine in the sense that they talk with each other. They have power to transmute to form any bigger unit of the universe . The triggering activity is atomic transcription and translation.



( Fragrance of God — Between basic Building Blocks and clue picture depicted by Indian spiritualism . This is called parallel between science and spiritualism . It is based on inertial property of mass and mind .)

**Fig 12** Informations ( CCP ) are not lost in Black Holes

12. Creation is off and on phenomenon . Similarly destruction would be off and on phenomenon in black holes. ( Fig 13 )
13. Temperature inside quasars drops from  $15 \times 10^9$  degree C to 3000 degree C due to unconditioned working of Mind . In Black holes the temperature would drop from temperature of stars ( H.R Diagram) to no temperature i.e. -273 degree C OR zero Kelvin .

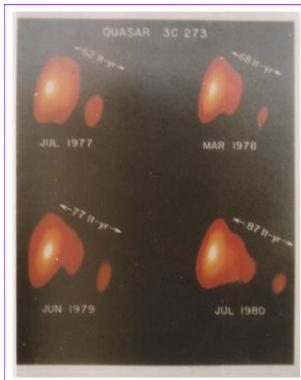


Fig 13 QUASAR 3C 273 EJECTION OF GASES AND RADIATIONS off and on

14. Density of matter in quasar increases as density of universe before creation is very low. Hence space got vacated during creation . In Black holes density would decrease and finally all vacated space would be lost or occupied by tachyons.

15. Time does not dilate in black holes as there is no gravity effect. (  $H_0 = 72 \text{ km/sec/Mpc}$  )

## 2.6 How do cosmic accelerators work and what they are accelerating ?

Q. How do cosmic retarders work and what they are retarding ? A ns To begin with , our galaxy was at velocity 305224 km /sec in form of tachyons and now it is moving with velocity 500 km/sec ( recession velocity of milky way galaxy) . During evolution of our galaxy , the velocity of our galaxy actually retarded from very high speed to present speed. It is the cold dark matter layer ( boundary of hollow sphere) which is responsible for this phenomenon . It is actually unconditioned ( inside quasar) as well as conditioned ( in visible universe) cosmic accelerator as well as retarder .

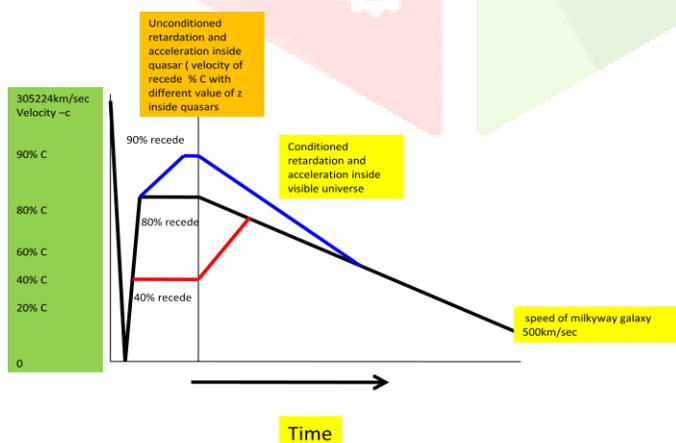


Fig 14 Accelerator and Retarder of Universe is Divine Mechanics

**Unconditioned acceleration and retardation** -- This phenomenon occur inside quasars. Before creation , the matter ( m B.B.Bs) was in form of tachyons at the speed of 305224km/sec. When the tachyons got broken down into their B.B.Bs , the velocity of matter B.B.Bs is brought to zero ( inertial property of m B.B.B) it further accelerates to achieve different velocity of recession in form of hydrogen clouds which is from 40% (  $z = .545$  ) to 93% (  $z = 4.4$  ) of velocity of c. It then sustains this velocity inside quasar till it remains there and becomes the cause of different red shifts of quasars.

**Conditioned Acceleration and Retardation** ---- This phenomenon occurs when the hydrogen cloud is ejected out from quasar. It then falls under the gravity of cold dark matter which is also expanding with velocity of light. If the velocity of recession is slow ( say 40% red one ), it would first accelerate to achieve an high velocity of recession and later it would retard. And if the velocity of recession is high ( say 80% or 90% black and blue ), it would retard due to pull of cold dark matter all around with final resultant pull in the direction of expansion of cold dark matter near by. This retardation would keep on increasing till galaxy achieve present velocity of recession ( 500km/sec). This is the real cause of Hubble Law in our universe. The Hubble Law has wrongly been associated with Big Bang theory.

In destruction phase , the reverse would occur . when cold dark matter layer would contract , there would be conditioned acceleration of our galaxy from present velocity of receding ( 500 km/sec). In side black hole , matter would break into basic building blocks and velocity of matter basic building blocks would be zero. Later when tachyon would form , velocity would again reach 305224km/sec. (  $H_0 = 72\text{km/sec/Mpc}$ )

16. Universe started neither with quasars nor ended with black holes rather it started with cold reaction with formation of sphere of cold dark matter layer with few empty canals in it all around ( non expanding phase of universe). Later by virtue of unconditioned working it started expanding with velocity of light and hot reaction triggered with formation of H<sub>2</sub> clouds and lot of radiations making empty canals Quasars. With the contraction phase, This Hot reaction would stop and once again canals would be empty. There would be no gravity effect in these empty canals. Now they will be called black holes as they will be seen black (not complete black) to us engulfing star's matter in it. After star's matter would be engulfed, the nuclear reaction would stop by unconditioned working of nature in canal and in last they will become empty canals. Further, this structure would collapse and we would get infinite tachyons or symmetry phase of universe. In the last Almighty B.B.B power will stop functioning and universe once again would reach in dormant stage (Figure 15 ).

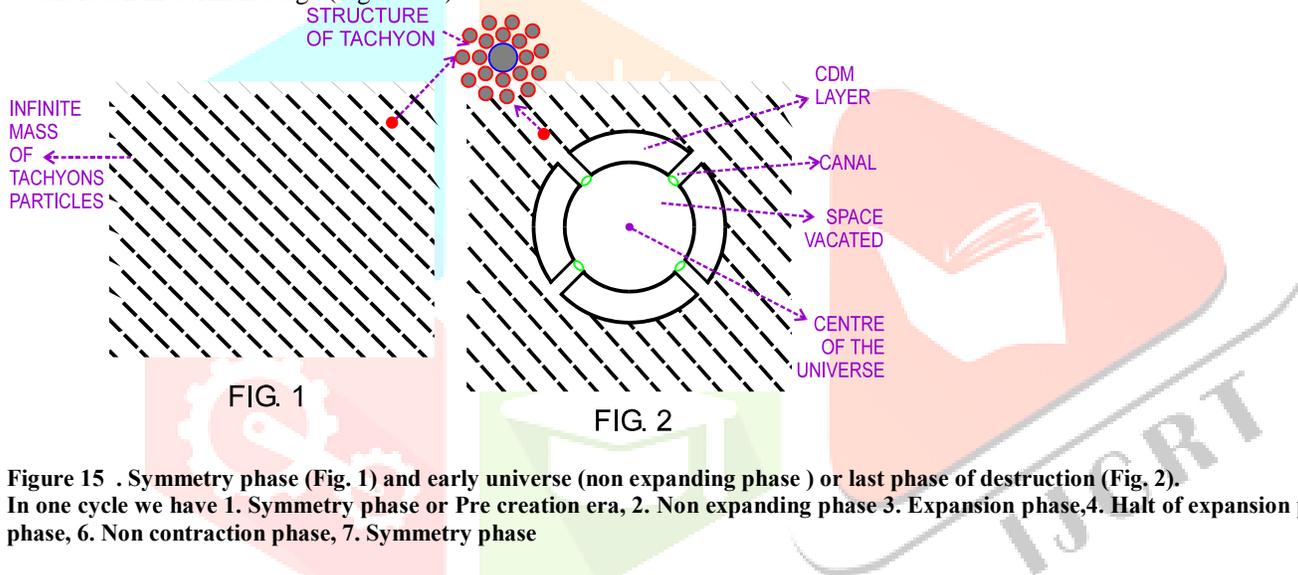


Figure 15 . Symmetry phase (Fig. 1) and early universe (non expanding phase ) or last phase of destruction (Fig. 2). In one cycle we have 1. Symmetry phase or Pre creation era, 2. Non expanding phase 3. Expansion phase, 4. Halt of expansion phase 5. Contraction phase, 6. Non contraction phase, 7. Symmetry phase

## 2,7 Unconditioned working of Atomic Genes or Basic Building Blocks.

To understand creation physics we have to see Fig 16 and Fig 17. . There are two types of thought stimulation . 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 particles 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 misunderstood that subatomic 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.

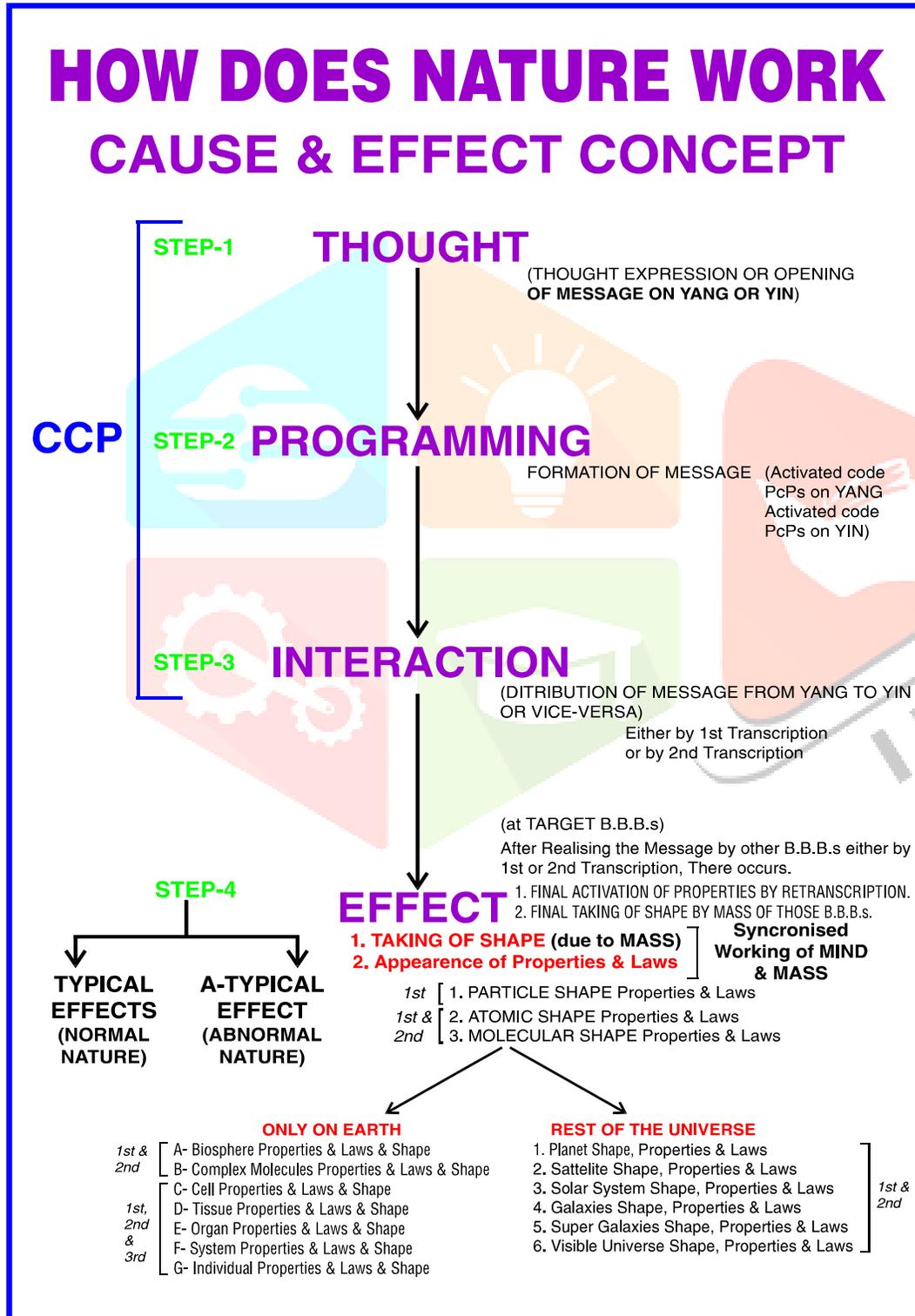
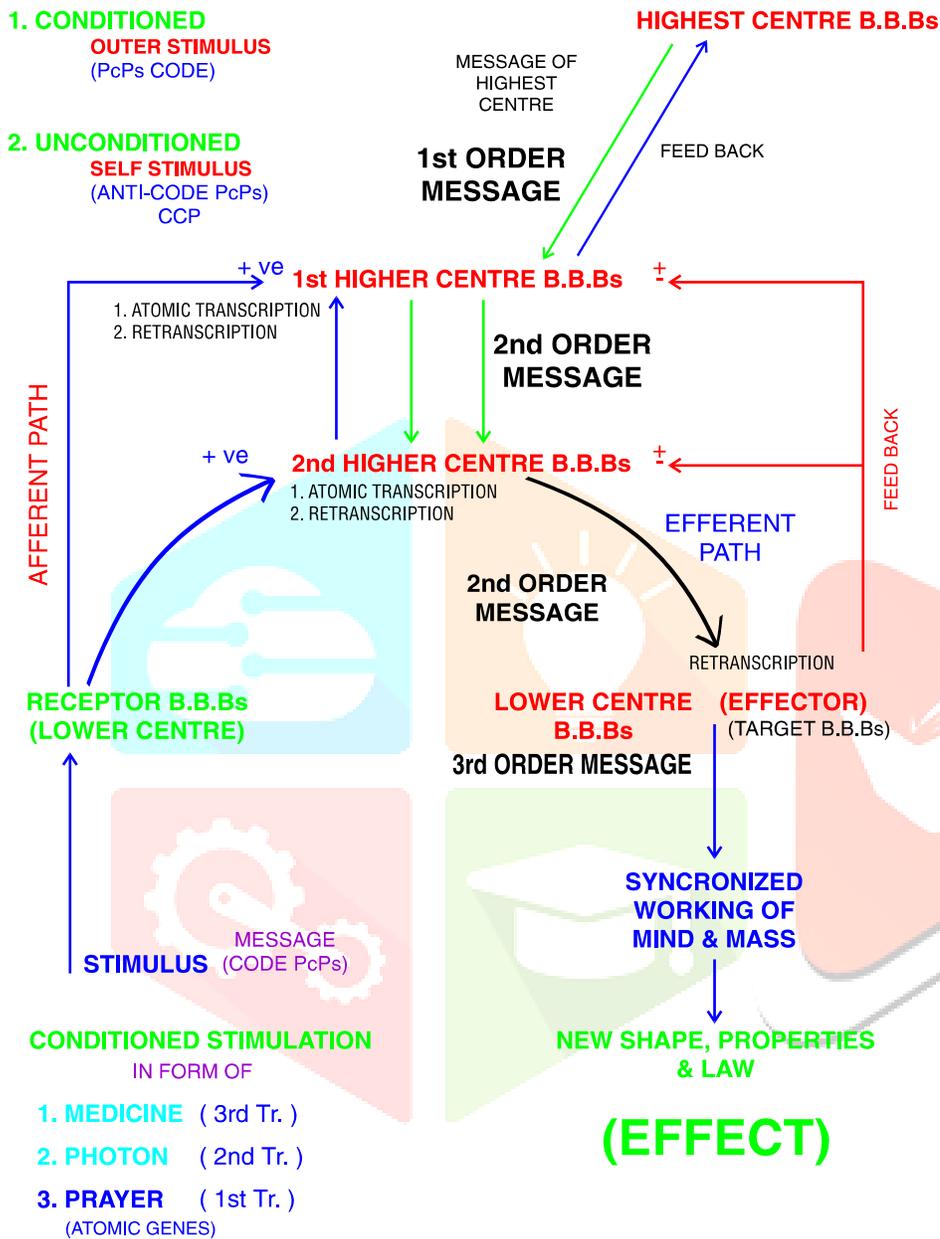


Fig 16 How does Nature work

# STIMULATION OF THOUGHT EXPRESSION



**Fig 17** FWhat is conditioned stimulation of Thought Expression ?

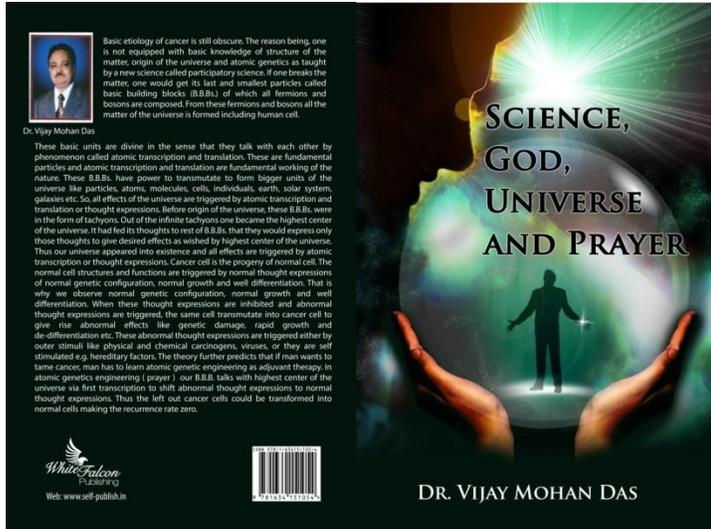
## Conclusion

Big bang supports do not know how would destruction of the universe start . What is the fate of our universe ? They only predict that receding galaxies would start contracting and finally there will be Big bang crunch . The truth is receding galaxies will not contract rather CDM layer will halt and it would contract and quasars would transform in black holes and thus contraction phase of the universe will trigger. They think that Hubble constant would become Zero which is a myth by participatory science . The Hubble constant ( at present 72 Mpc/km/sec) would once again increase in contraction phase of the universe before all the matter would be engulfed by Black holes . It will be triggered by Highest center (Almighty B.B.B power ) of the universe . The effects of matter and energy are different in different branches of science. In physics the effects are classified as classical physics and quantum physics. While in life sciences the effects are not physical rather they are associated with thoughts also. What are the basis of physical sciences as well as of life sciences or how laws of

physics as well as of life sciences are made that is to be discussed in a very simple way. The reason being one is not equipped with structure of the matter, origin of the universe and atomic genes as taught by participatory science. The standard model not only modified rather it has been completed [4] with introduction of energized gravitons, primary fermions, primary bosons, Basic Building Blocks, Mind and Tachyons.

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