

Nobel Prize Physics 1929 on Fiction. (For his Discovery of the Wave Nature of Electrons) De Broglie's Matter Wave Mathematical Theory is Fake and It is Not Physics. Light and Matter both are Divine Particles and Their Working Is Triggered By Divine Mechanics.

V M Das

Advanced Sciences, University of God, Das nursing Home, Fatehgarh, Farrukhabad, U.P, India

Abstract: *Wave nature of electron or dual nature of matter and light as hypothesized by De Broglie's wave theory is a mathematical fiction and it is not physics. Our understanding of nature starts from basic building blocks which are made up of Mind and Mass. Hence all effects of the universe are triggered and controlled by atomic transcription and translation. There are formation of specific programmed messages (Code PcPs) from CCP or thought script. These programmed messages (code PcP) move from higher centers to lower centers and finally to target basic building blocks. These target units finally translate the messages and they work (mind and Mass) accordingly. Hence all units of universe are divine including electron and photon. With the result they give effects like interference, polarization, diffraction etc. Explaining these effects with wave nature of light and matter is not only fiction but also it is not physics. Physics should be rewritten starting from Newton till our understanding is made clear in all aspects of sciences and spirituality.*

Keywords: *Divine Mechanics, Mind and mass, basic building Blocks, Atomic genetics*

PACS

42.25.Fx

Diffraction and scattering

42.25.Hz

Interference

42.25.Ja

Polarization

I. Introduction

1.1 Award Ceremony Speech

Presentation Speech by Professor C.W. Oseen, Chairman of the Nobel Committee for Physics of **the Royal Swedish Academy of Sciences**, on December 10, 1929 Your Majesty, Your Royal Highnesses, Ladies and Gentlemen. The question as to the nature of light rays is one of the oldest problems in physics. In the works of the ancient philosophers are to be found an indication and a rough outline of two radically different concepts of this phenomenon. However, in a clear and definite form they appear at the time when the foundations of physics were laid, a time that bears the stamp of Newton's genius. One of these theories asserts that a light ray is composed of small particles, which we may term corpuscles, which are projected into space by light-emitting substances. The other states that light is a wave motion of one type or another. The fact that these two theories, at this elementary stage, are equally possible, is attributable to their explaining equally well the simplest law governing a light ray, viz. conditions being undisturbed it propagates in a straight line..

The 19th century sealed the victory of the wave theory. Those of us whose studies coincide with that period have certainly all learned that light is a wave motion. This conviction was based on the study of a series of phenomena which are readily accounted for by the wave theory but which, on the other hand, cannot be explained by the corpuscular theory. One of these phenomena is the diffraction undergone by a light beam when it passes through a small hole in an opaque screen. Alongside the diffracted ray there are alternate light and dark bands. This phenomenon has long been considered a decisive proof of the wave theory. Furthermore, in the course of the 19th century a very large number of other, more complex, light phenomena had been learnt of which all, without exception, were completely explainable by the wave theory, while it appeared to be impossible to account for them on the basis of the corpuscular theory. The correctness of the wave theory seemed definitely established.

The 19th century was also the period when atomic concepts have taken root into physics. One of the greatest discoveries of the final decades of that century was the discovery of the electron, the smallest negative charge of electricity occurring in the free state.

Under the influence of these two currents of ideas the concept which 19th century physics had of the universe was the following. The universe was divided into two smaller worlds. One was the world of light, of

waves; the other was the world of matter, of atoms and electrons. The perceptible appearance of the universe was conditioned by the interaction of these two worlds.

Our century taught us that besides the innumerable light phenomena which testify to the truth of the wave theory, there are others which testify no less decisively to the correctness of the corpuscular theory. A light ray has the property of liberating a stream of electrons from a substance. The number of electrons liberated depends on the intensity of the ray. But the velocity with which the electrons leave the substance is the same whether the light ray originates from the most powerful light source that can be made, or whether it originates from the most distant fixed stars which are invisible to the naked eye. In this case everything occurs as if the light ray were composed of corpuscles which traversed the spaces of the universe unmodified. It thus seems that light is at once a wave motion and a stream of corpuscles. Some of its properties are explained by the former supposition, others by the second. Both must be true.

Louis de Broglie had the boldness to maintain that not all the properties of matter can be explained by the theory that it consists of corpuscles. Apart from the numberless phenomena which can be accounted for by this theory, there are others, according to him, which can be explained only by assuming that matter is, by its nature, a wave motion. At a time when no single known fact supported this theory, Louis de Broglie asserted that a stream of electrons which passed through a very small hole in an opaque screen must exhibit the same phenomena as a light ray under the same conditions. It was not quite in this way that Louis de Broglie's experimental investigation concerning his theory took place. Instead, the phenomena arising when beams of electrons are reflected by crystalline surfaces, or when they penetrate thin sheets, etc. were turned to account. The experimental results obtained by these various methods have fully substantiated Louis de Broglie's theory. It is thus a fact that matter has properties which can be interpreted only by assuming that matter is of a wave nature. An aspect of the nature of matter which is completely new and previously quite unsuspected has thus been revealed to us.

Hence there are not two worlds, one of light and waves, one of matter and corpuscles. There is only a single universe. Some of its properties can be accounted for by the wave theory, others by the corpuscular theory.

In conclusion I would like to point out that what applies to matter applies also to ourselves since, from a certain point of view, we are part of matter.

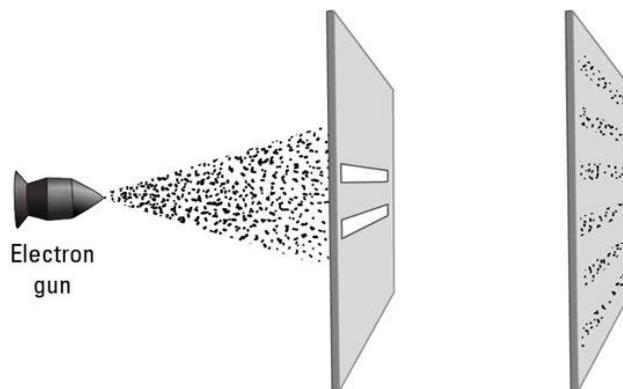
A well-known Swedish poem has as its opening words "My life is a wave". The poet could also have expressed his thought by the words: "I am a wave". Had he done so, his words would have contained a premonition of man's present deepest understanding of the nature of matter. Monsieur Louis de Broglie. When quite young you threw yourself into the controversy raging round the most profound problem in physics. You had the boldness to assert, without the support of any known fact, that matter had not only a corpuscular nature, but also a wave nature. Experiment came later and established the correctness of your view. You have covered in fresh glory a name already crowned for centuries with honour. The Royal Academy of Sciences has sought to reward your discovery with the highest recompense of which it is capable. I would ask you to receive from the hands of our King the Nobel Physics Prize for 1929.

From *Nobel Lectures, Physics 1922-1941*, Elsevier Publishing Company, Amsterdam, 1965

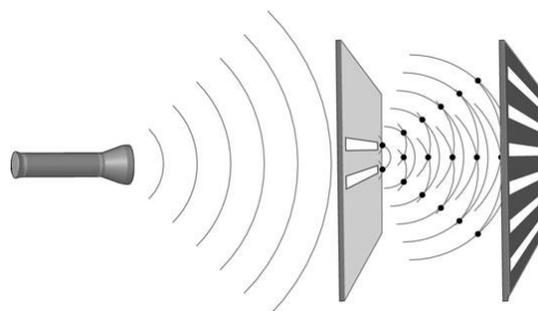
1.2. String Theory: The de Broglie Hypothesis [1]

By **Andrew Zimmerman Jones** and **Daniel Robbins** from **String Theory For Dummies**

The de Broglie hypothesis states that particles of matter also had wavelengths and could behave as waves, just as photons did. String theory will later say that both types of particles — matter and energy — are manifestations of vibrating strings, but that's about 50 years down the road from de Broglie's time. He proposed his theory in 1923. Here was de Broglie's line of reasoning for the bold new theory. Under special relativity, matter and energy were different manifestations of the same thing. The photon, a particle of energy, had a wavelength associated with it. Therefore, particles of matter, such as electrons, should also have wavelengths. His PhD dissertation set out to calculate what that wavelength (and other wave properties) should be. Two years later, two American physicists demonstrated de Broglie's experiment by performing experiments that showed interference patterns with electrons, as shown in this figure. (The 1925 experiment wasn't actually a double slit experiment, but it showed the interference clearly. The double slit experiment with electrons was conducted in 1961.)



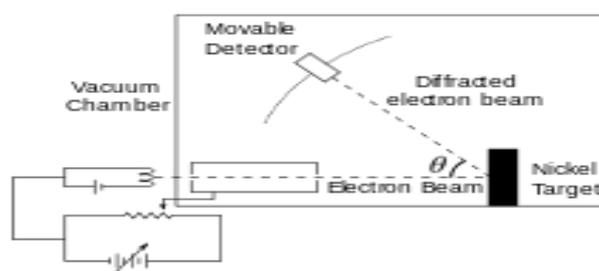
This behavior showed that whatever quantum law governed photons also governed particles. The wavelength of particles such as the electron is very small compared to the photon. For larger objects, the wavelength is even smaller still, quickly becoming so small as to become unnoticeable. This is why this sort of behavior doesn't show up for larger objects. If you flung baseballs through the two slits, you'd never notice an interference pattern. Still, this left open the question of what was causing the wave behavior in these particles of energy or matter. The answer would be at the core of the new field of quantum mechanics. You can picture the problem if you look at the way the experiment is set up in this figure. The light wave passes through *both* slits, and that's why the waves interfere with each other. But an electron — or a photon, for that matter — *cannot* pass through both slits at the same time if you think of them the way we're used to thinking of them; it has to pick a slit.



In this classical case (where the photon is a solid object that has a certain position), there shouldn't be any interference. The beam of electrons should hit the screen in one general spot, just as if you were throwing baseballs through a hole against a wall. (This is why quantum physics challenges our classical thinking about objects and was deemed so controversial in its early years.) In fact, if you close one of the slits, this is exactly what happens. When a slit is closed, the interference pattern goes away — the photons or electrons collect in a single band that spreads out from the brightest spot at the center. So the interference patterns can't be explained by particles bouncing off the side of the slits or anything normal like that. It's a genuinely strange behavior that required a genuinely strange solution — in the form of quantum mechanics

1.3 Inferences of experiment of De Broglie's mathematical matter wave Theory [2]

Davisson began work in 1921 to study electron bombardment and secondary electron emissions. A series of experiments continued through 1925.



This maximum intensity was due to constructive interference a phenomenon confined only to waves. Please see this video -- https://www.youtube.com/watch?v=Ho7K27B_Uu8

Davisson and Germer's actual objective was to study the surface of a piece of nickel by directing a beam of electrons at the surface and observing how many electrons bounced off at various angles. They expected that because of the small size of electrons, even the smoothest crystal surface would be too rough and thus the electron beam would experience diffuse reflection.^[6] The experiment consisted of firing an electron beam from an electron gun directed to a piece of nickel crystal at normal incidence (i.e. perpendicular to the surface of the crystal). The experiment included an electron gun consisting of a heated filament that released thermally excited electrons, which were then accelerated through a potential difference giving them a certain amount of kinetic energy, towards the nickel crystal. To avoid collisions of the electrons with other molecules on their way towards the surface, the experiment was conducted in a vacuum chamber. To measure the number of electrons that were scattered at different angles, a faraday cup electron detector that could be moved on an arc path about the crystal was used. The detector was designed to accept only elastically scattered electrons.

During the experiment an accident occurred and air entered the chamber, producing an oxide film on the nickel surface. To remove the oxide, Davisson and Germer heated the specimen in a high temperature oven, not knowing that this affected the formerly polycrystalline structure of the nickel to form large single crystal areas with crystal planes continuous over the width of the electron beam.^[6]

When they started the experiment again and the electrons hit the surface, they were scattered by atoms which originated from crystal planes inside the nickel crystal.

In 1925, they generated a diffraction pattern with unexpected peaks.

On a break, Davisson attended the Oxford meeting of the British Association for the Advancement of Science in the summer of 1926. At this meeting, he learned of the recent advances in quantum mechanics. To Davisson's surprise, Max Born gave a lecture that used diffraction curves from Davisson's 1923 research which he had published in *Science* that year, using the data as confirmation of the de Broglie hypothesis.^[7] He learned that in prior years, other scientists, Walter Elsasser, E. G. Dymond, and Blackett, James Chadwick, and Charles Ellis had attempted similar diffraction experiments, but were unable to generate low enough vacuums or detect the low intensity beams needed.^[7] Returning to the United States, Davisson made modifications to the tube design and detector mounting, adding azimuth in addition to colatitude. Following experiments generated a strong signal peak at 65 V and an angle $\theta = 45^\circ$. He published a note to *Nature* titled, "The Scattering of Electrons by a Single Crystal of Nickel".

Questions still needed to be answered and experimentation continued through 1927. By varying the applied voltage to the electron gun, the maximum intensity of electrons diffracted by the atomic surface was found at different angles. The highest intensity was observed at an angle $\theta = 50^\circ$ with a voltage of 54 V, giving the electrons a kinetic energy of 54 eV.^[2] As Max von Laue proved in 1912 the periodic crystal structure serves as a type of three-dimensional diffraction grating. The angles of maximum reflection are given by Bragg's condition for constructive interference from an array, Bragg's law

$$n\lambda = 2d \sin \left(90^\circ - \frac{\theta}{2} \right),$$

for $n = 1, \theta = 50^\circ$, and for the spacing of the crystalline planes of nickel ($d = 0.091$ nm) obtained from previous X-ray scattering experiments on crystalline nickel.^[2]

According to the de Broglie relation, electrons with kinetic energy of 54 eV have a wavelength of 0.167 nm. The experimental outcome was 0.165 nm via Bragg's law, which closely matched the predictions. Davisson and Germer's accidental discovery of the diffraction of electrons was the first direct evidence confirming de Broglie's hypothesis that particles can have wave properties as well. Davisson's attention to detail, his resources for conducting basic research, the expertise of colleagues, and luck all contributed to the experimental success.

1.4 What is the conclusion of De Broglie’s matter wave mathematical Hypothesis [3]

De' Broglie's hypothesis and the birth of quantum mechanics

- Electromagnetic waves (photons) have both particle and wave properties
- D'Broglie proposed that all particles in the Universe could present this dualism:
 - each entity in the Universe exhibits both particle and wave properties
- Wavelength associated to the particles: $\lambda = \frac{h}{mv}$ (h: Planck's constant, m: mass, v: speed)
- electrons in atoms have also wave properties
- electrons form standing waves in atoms --> explains Bohr's quantum hypothesis: $2\pi r = n\lambda; \rightarrow 2\pi r = n \frac{h}{mv}; \rightarrow L = mvr = n \frac{h}{2\pi}$
- wave nature of the electron proved experimentally (Davisson & Gremer)

1.5 Mind and Mass Realities [4]

This is called Final Truth . Mind and Mass mysteries have emerged like OMNIPRESENT . I.e. Every small and bigger units are made up of these B.B.Bs

I am The origin of all every thing evolved from Me.—Gita 10/8

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

MODEL OF BASIC BUILDING BLOCKS OF THE UNIVERSE

YANG (M) Matter Mass

YIN (E) Energy Mass

CP is shown in the Picture (Realisation Particle)

UNITY OF OPPOSITE

BOTH ARE COMPLEMENTARY

DIVINE B.B.B.s

MIND & MASS REALITY

GOD PARTICLES

“I” First God Of symmetry phase

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.(Fig 1) It is just like to understand any language through Alphabets. These are (different faces) Alphabets of mind reality. One Mind reality has one face identity and the second mind reality has second face identity and so on. The facial expression represents phenomenon of intelligence and different faces represent different types of properties carrying property. The open eyes means property is activated while close eye means property is inactivated. In spite of carrying properties conscious ness they also know how to conduct not only origin of universe but also how to create two different universe i.e. next creation could be different from this creation . In all, it is automatic system of the universe . The mind realities which are of good properties have devtas face identity (first five faces on both side) and those mind realities which are of bad properties have demons face identity (last four faces on both side) . These are named as code PCPs or messenger atomic genes . The central face is CCP or Thought script where all thoughts of the universe are banked . It is bank of data of all information s of the universe It is face identity of Anti mind particles as data of all information’s of the universe are stored as anti mind particles . It is the Time mind ness (biological clock) that keeps on expressing different thoughts from this thought script (CCP) . There are four more faces (black bodies) shown on extreme left and right floating in fire are CPs (translating Atomic genes) . That translates the messages and realizes it and reacts accordingly.[4]

Messages From Biological world to understand B.B.B world as shown in Fig 2 [4]

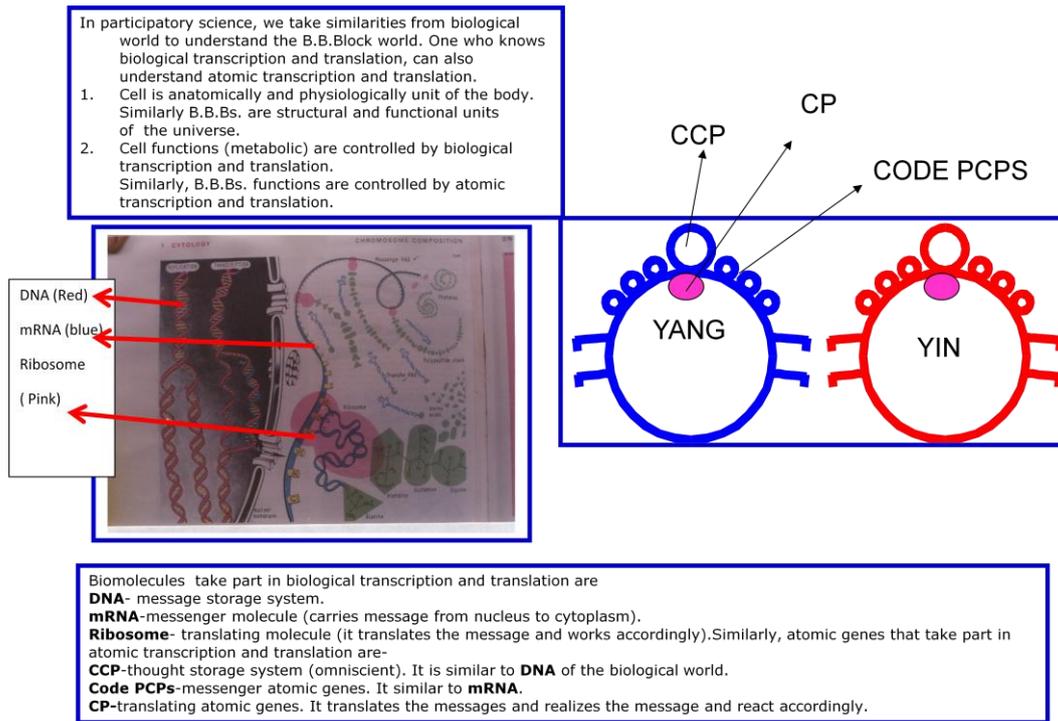
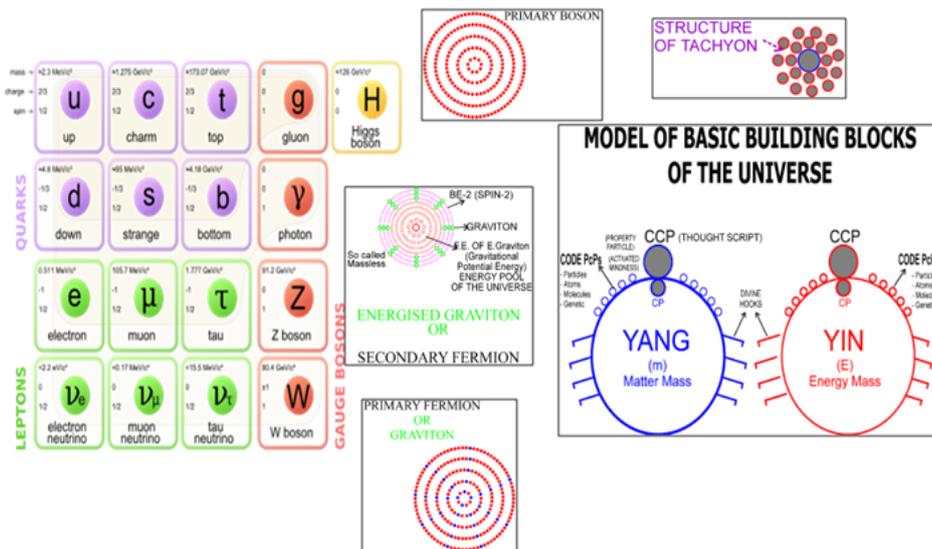


Fig. 2 Parallel teaching by participatory science

The standard model not only modified rather it has been completed [5] with introduction of energized gravitons , primary fermions, primary bosons , Basic Building Blocks , Mind and Tachyons as shown in Fig 3



Standard model completed with Fundamental particles and Mind And Tachyons

Fig. 3 standard Model chart [5]

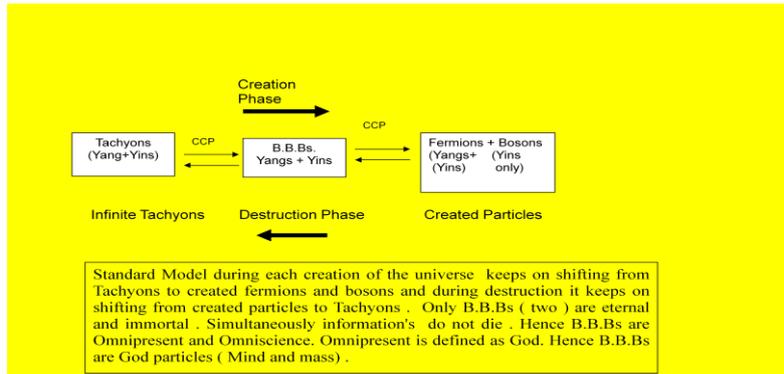


Fig .3.1 one creation and destruction cycle [5]

Participatory science has coined [6] 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.

1.6 Prayer message formation in brain.

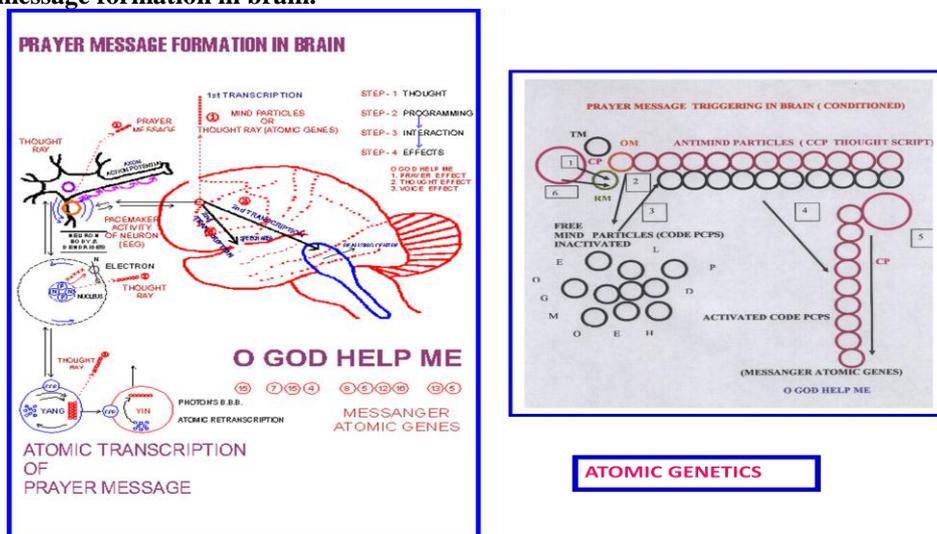


Fig .4 Divine Mechanics - Prayer message formation in brain

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

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

Having formed the message it comes out in three forms .

In atomic genetic engineering (prayer) we use our basic power i.e. power of B.B.Bs. Our B.B.B. (higher center) talks with highest center of the universe by sending the message by first transcription. Till today nobody knows how does the brain generate thoughts. I am going to tell you that mystery too. In the frontal lobe the neurons are responsible for thought generation. In the neuron there is electrical activity called pacemaker activity which is occurring between dendrites and the body of the neuron. The membrane of the cell is made up of atoms and atom is made up of B.B.Bs. At the level of B.B.B. say thought of '**O GOD HELP ME**' is expressed. As a result programmed messages of O GOD HELP ME (code PCPs) are formed. Out of three programmed messages, one is carried by atomic genes to highest center of the universe. It is called **THOUGHT RAY (Quantum entanglement)** which is made up of pure atomic genes and then the message goes through phenomenon called first transcription. They come out from brain directly. The other two messages are carried by photons from nucleus of atom to electrons. Here they are modulated on electrical activity of the cell called pacemaker activity. Further they are modulated on actions potentials going towards **REALIZING CENTER** situated in brain stem (RAS) and from RAS to speech area situated in the frontal area. Target B.B.Bs. of the realizing center finally realizes thought effect of O GOD HELP ME. While from speech area message goes to motor cortex again via RAS and from there to vocal cords and finally it comes out as a speech effect of O GOD HELP ME. In layman's terminology formation of the thought ray means PRAYER as shown in Fig 4

Where Does Prayer Message go ?

Prayer message goes as shown in Figure 8 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 [7]** as shown in **Fig 4.1**

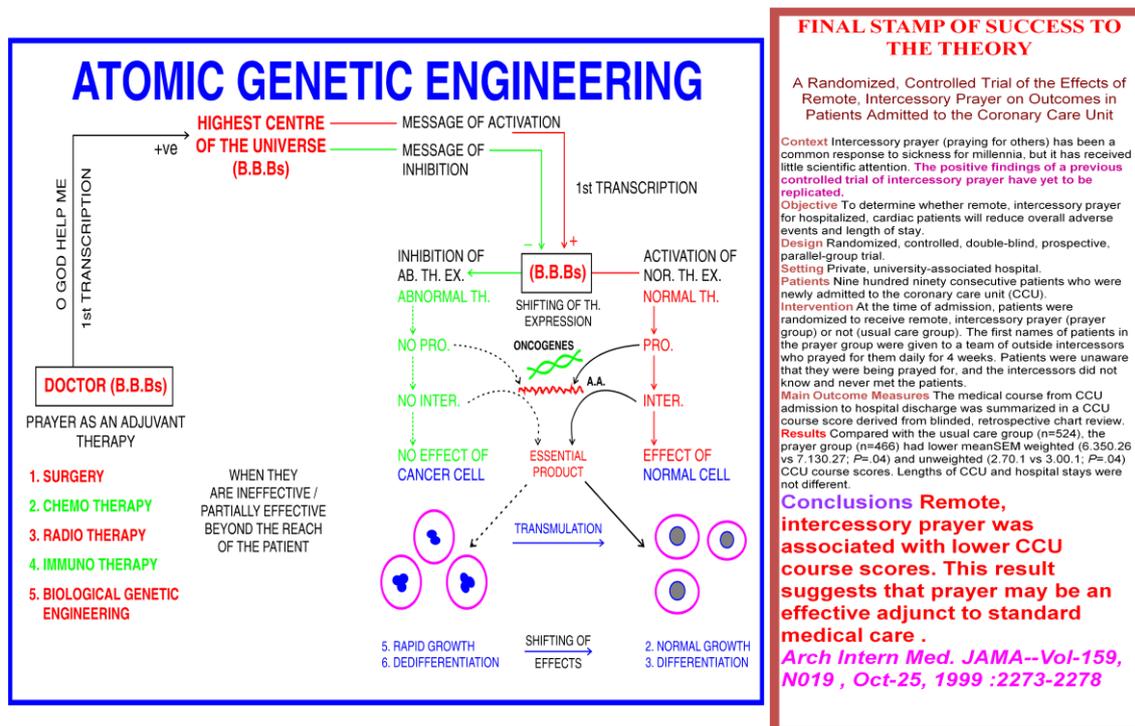


Fig. 4.1 A.G.E and Final stamp of success to New Theory[7]

1.7 Message system of the Universe

Before the origin of the universe [4] 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**

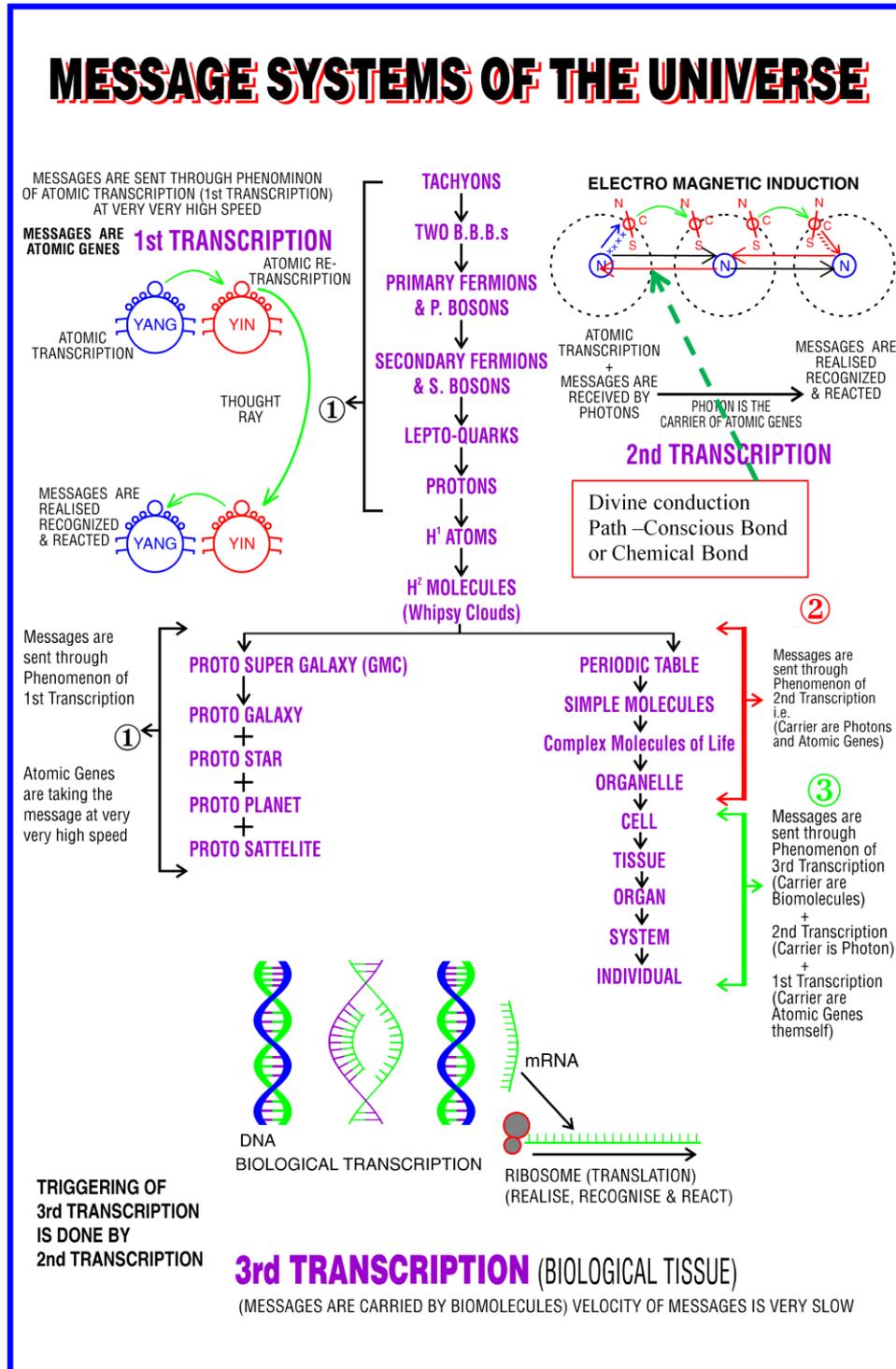


Fig. 5 Messages system of the universe

1.8 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 [4] . 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 transmute. 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.

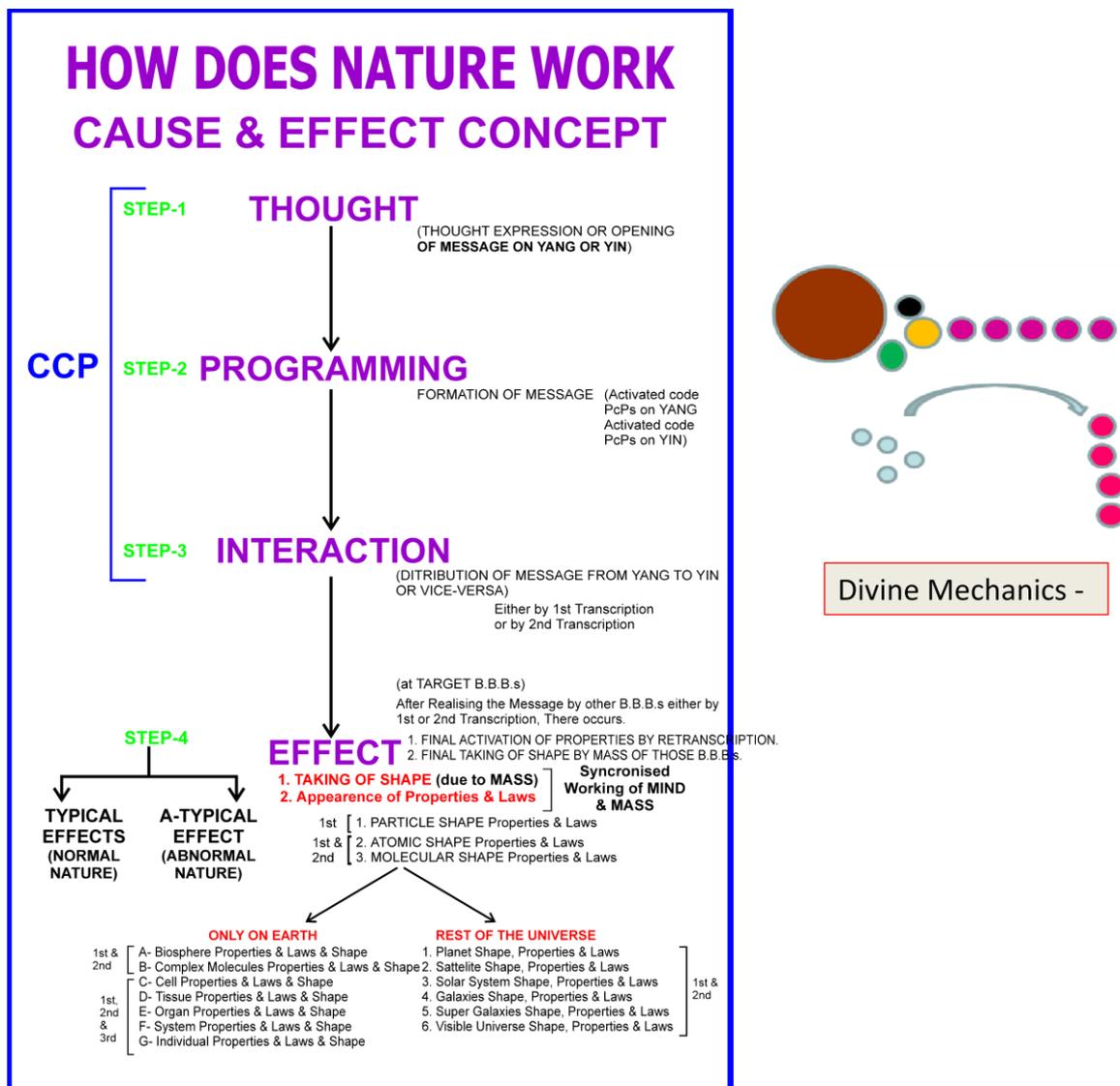


Fig. 6 Divine Mechanics – How Does Nature work ?

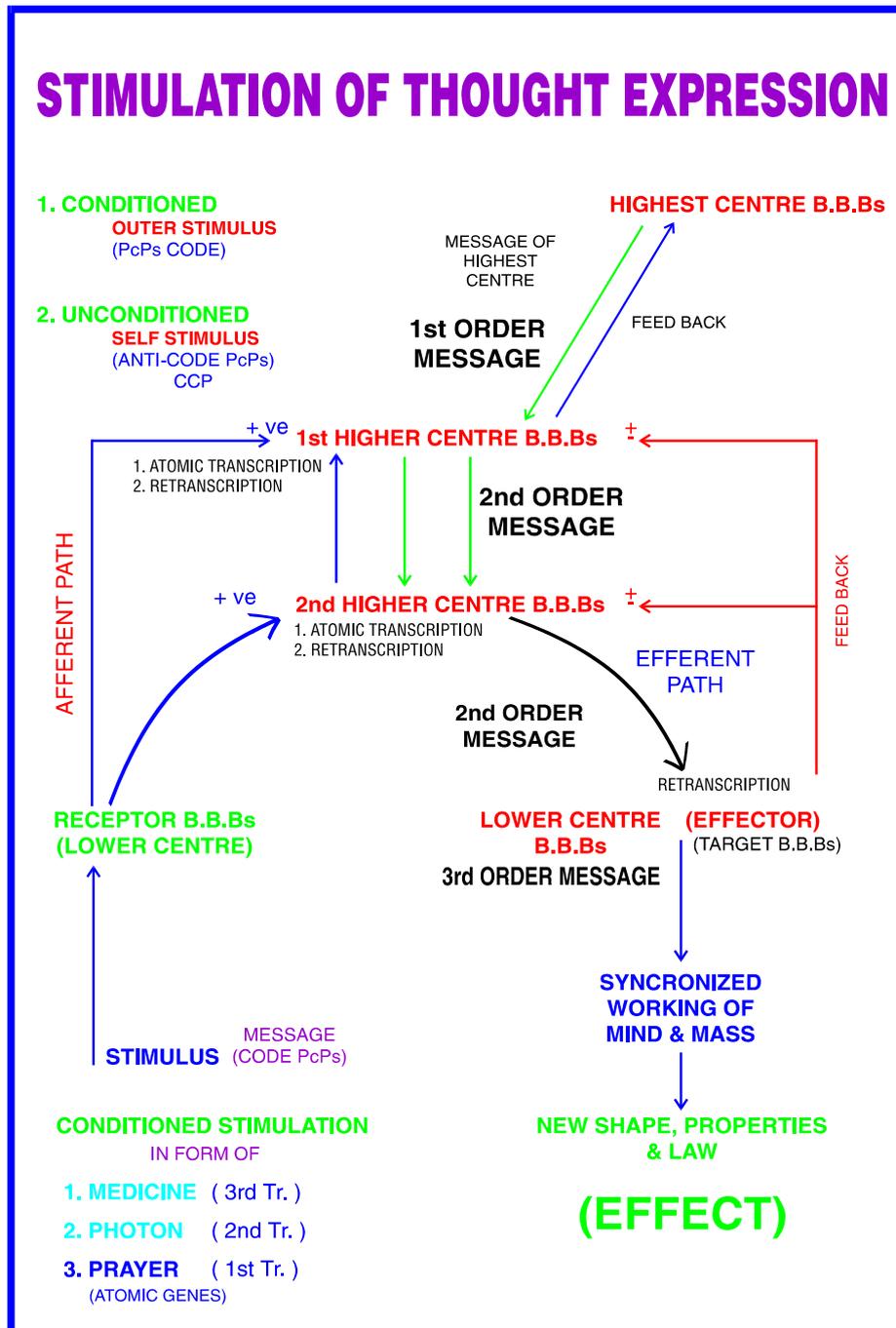
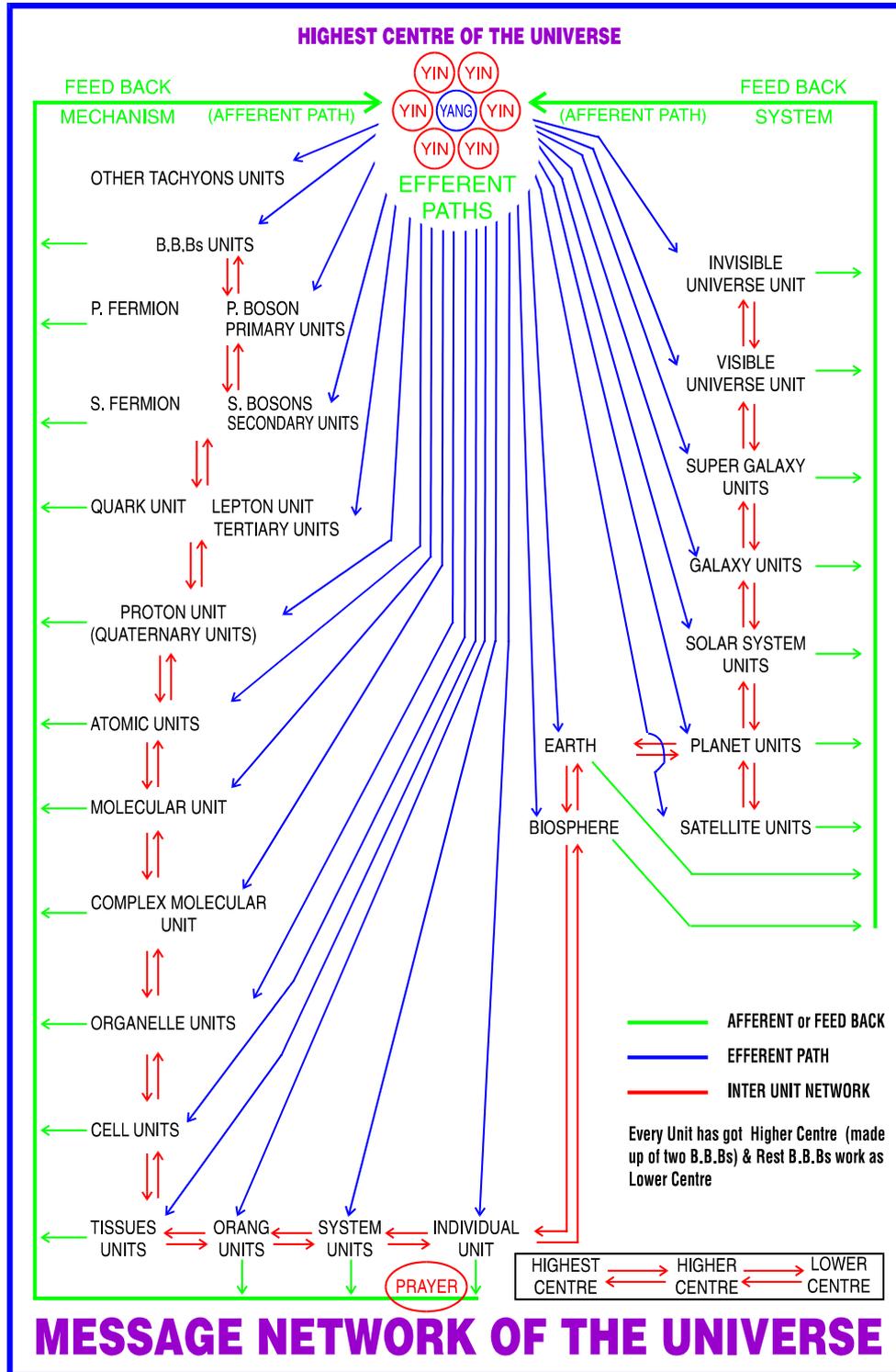


Fig. 7 Conditioned and Unconditioned thought expressions

1.9 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.[4] 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 Figure 8



1.10 Origin of the universe [8]

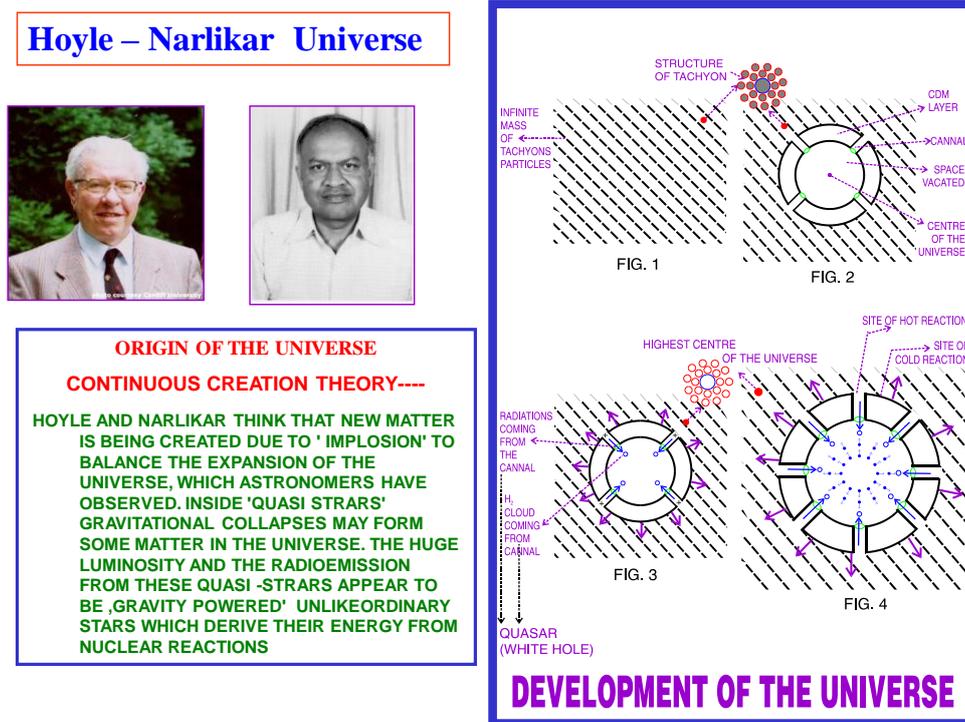


Fig 9 Development of the Universe

Before the origin of the universe, these Basic Building Blocks (B.B.Bs) as shown in **Fig-1** were in the form of tachyons as shown in **Fig- 9 and Fig 9.1 [8]**. 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.

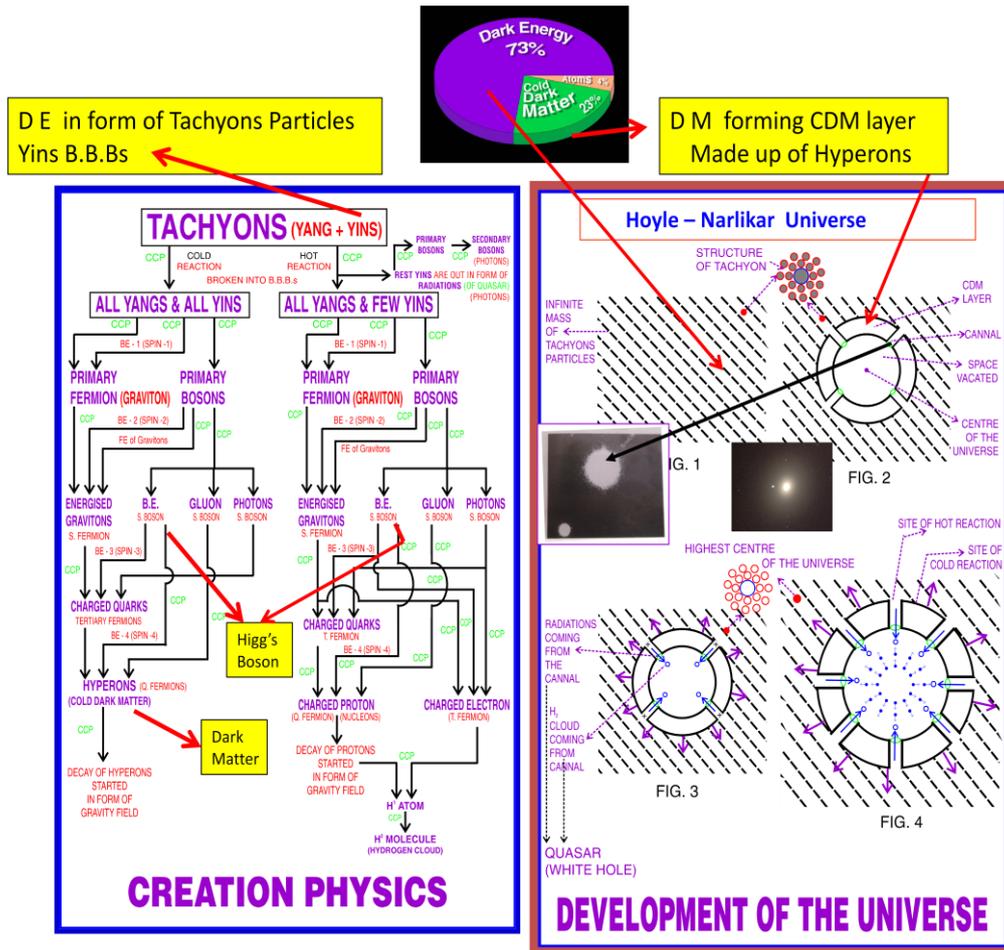


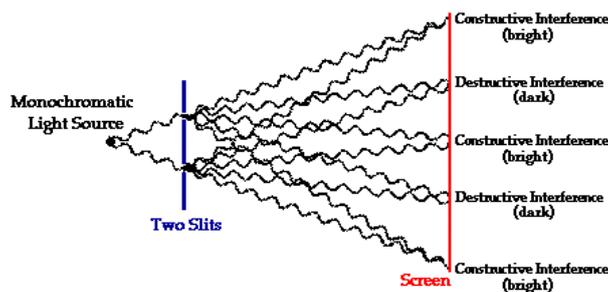
Fig 9.1 Divine Creation Physics and DM and DE at macro level

II. Structure

2.1 Atomic genetics and interference phenomenon

Postulation: 10. Photon is neither wave nor electromagnetic in nature. They do not have dual nature. It is conscious particle and all effects are triggered by atomic genetics and all effects are due to synchronized working of mind and mass. [9]

Postulation: 7. Visible universe is dynamic interplay of energy B.B.Bs. and matter B.B.Bs. They interact through their atomic genes or memory system or consciousness. B.B.Bs. obey the law of conservation of *energy* and *matter*. The energy B.B.B. obeys the laws of conservation of energy i.e. energy B.B.B. cannot be created or destroyed. Similarly, matter B.B.B. obeys the laws of conservation of matter i.e. matter cannot be created or destroyed. But being opposite in behavior (unity of opposite as their inherent properties or inertial properties are opposite i.e. one has inherent property of absolute rest and other one has inherent property of motion). They cannot be inter convertible i.e. energy B.B.B cannot be converted into matter.B.B.B. and matter B.B.B. cannot be converted into energy B.B.B. Thus $E=mc^2$ is a fictitious equation.



A two-point source interference pattern creates an alternating pattern of bright and dark lines when it is projected onto a screen.

Fig10 wrong depiction of interference phenomenon

Two-Point Source Light Interference Patterns

Any type of wave, whether it be a water wave or a sound wave should produce a two-point source interference pattern if the two sources periodically disturb the medium at the same frequency. Such a pattern is always characterized by a pattern of alternating nodal and antinodal lines. Of course, the question should arise and indeed did arise in the early nineteenth century: Can light produce a two-point source interference pattern? If light is found to produce such a pattern, then it will provide more evidence in support of the wavelike nature of light.

Before we investigate the evidence in detail, let's discuss what one might observe if light were to undergo two-point source interference. What would happen if a "crest" of one light wave interfered with a "crest" of a second light wave? And what would happen if a "trough" of one light wave interfered with a "trough" of a second light wave? And finally, what would happen if a "crest" of one light wave interfered with a "trough" of a second light wave?

Whenever light constructively interferes (such as when a crest meeting a crest or a trough meeting a trough), the two waves act to reinforce one another and to produce a "super light wave." On the other hand, whenever light destructively interferes (such as when a crest meets a trough), the two waves act to destroy each other and produce no light wave. Thus, the two-point source interference pattern would still consist of an alternating pattern of antinodal lines and nodal lines. However for light waves, the antinodal lines are equivalent to bright lines and the nodal lines are equivalent to dark lines. If such an interference pattern could be created by two light sources and projected onto a screen, then there ought to be an alternating pattern of dark and bright bands on the screen. And since the central line in such a pattern is an antinodal line, the central band on the screen ought to be a bright band. as shown in Fig 10 .

Right Explanation

According to Participatory science , as shown in Fig 12 , let us know the structure of photon or energy quanta of monochromatic photons. Energy quanta of monochromatic photon is secondary boson and is made up of more fundamental particles called primary bosons which are also made up of more fundamental particles called energy Basic building blocks . Up on these B.B.B. atomic genes are found . Which is also called MIND particles as shown in Fig 11 When these monochromatic photons move in group , they form polychromatic light. Or white light. In white light these monochromatic photons are arranged such, they from groups of these particles extending from ultra violet monochromatic photons to infra red monochromatic photons. To which participatory science calls tertiary bosons. Monochromatic photons (spherical particle with definitive mass,) propagate in space in wave pattern in straight line. It posses this pattern by virtue of the thought of that pattern as it has MIND also. Hence there is streams of monochromatic photons that follow wave pattern. This pattern is called transverse wave pattern .

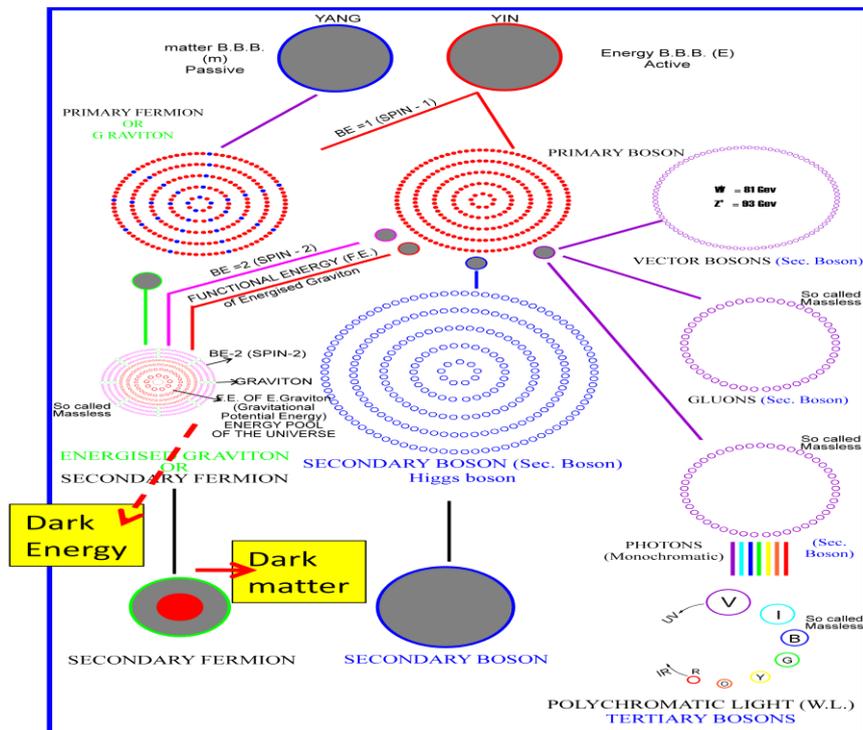


Fig 11 structure of monochromatic photons

During interference, as shown in Fig 12 , there is redistribution of energy quanta OR monochromatic photons . This redistribution is being triggered by atomic transcription and translation of the interacting photons. It is due to conditioned stimulation of CCP of interacting monochromatic photons. If they (monochromatic photons of coherent rays) meet on the same phase, then, thoughts are expressed which make them to come together and there is amplitude modulation of energy quanta leading to appearance of bright band . This amplitude modulation leads to formation of super crest and super trough. This amplitude modulation takes place before the light falls on screen When light quanta or monochromatic photons meet on opposite phase, there is triggering of thought that make them to get apart from each other and they divert themselves to other directions and hence the path in front does not contain any more photons, hence it is shown as dark band on the screen. . The diverted monochromatic photons again meet on same phase of other rays and there is thought expression which make them to come closure to make amplitude modulation leading to formation of bright bands next to dark band. Actually it is redistribution of monochromatic photons that are moving in wave pattern which is triggered by MIND rather than wave nature of light.

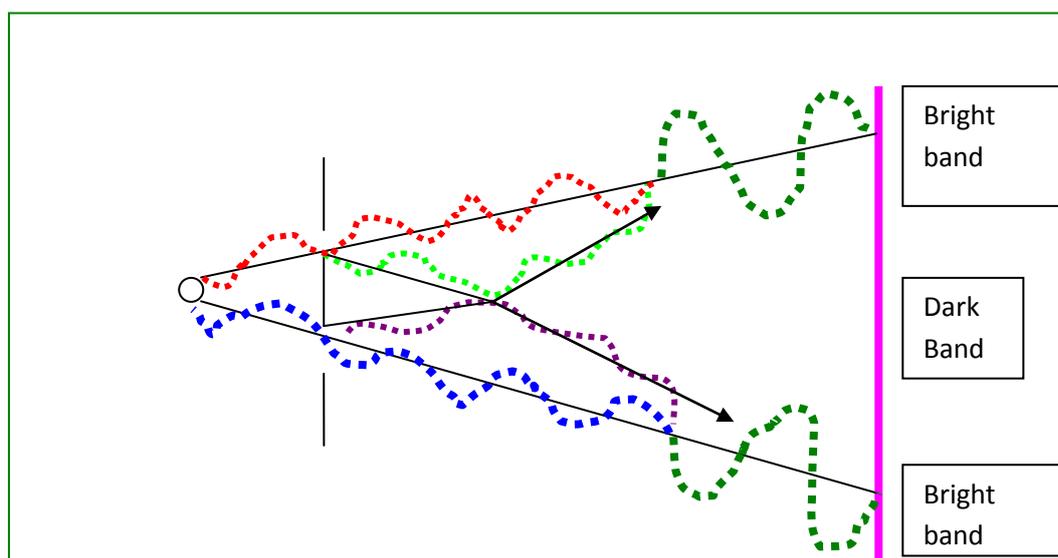


Fig 12 streams of particles (monochromatic photons) moving in transverse wave pattern making bright and dark bands

Conclusion of the Experiment. Monochromatic photons of coherent source are divine units. They are not physical units. It means their working is triggered by atomic transcriptions or thought expressions. Phenomenon of interference has proved that monochromatic photons are not wave packet rather it is divine particle and due to its divinity it is moving in wave pattern. And the pattern is so fast that it looks as if it is wave packet (illusion) with definitive wavelength.

Law of Redistribution of Energy Quanta. According to the law of conservation of energy - Energy particles cannot be created or destroyed . They can be transformed into other energy particles. Similarly energy quanta or monochromatic photons during destructive interference , they are not destroyed rather they are redistributed such that at constructive interference they get modulated (amplitude modulation) producing super crest and super trough making the bright band more bright . Hence during interference monochromatic photons are not destroyed rather they are redistributed. It could happen only because of triggering of thought of redistribution in side monochromatic photons .

The law of redistribution of monochromatic photons or energy particles is the basis of **divine spectroscopy** where we shall discuss about quantitative index, qualitative index and red and blue shift indices .

Modern physicists believe that energy quanta ($h\nu$) or monochromatic photon are WAVES. . Participatory science has proved them divine particles with definitive mass and divinity is due to presence of atomic genes on basic building blocks (B.B.Bs.), the fundamental particles and divine activity or fundamental activity of the nature is atomic transcription or thought expressions.

2.2 Atomic genetics and phenomenon of polarization

Postulation: 10 Photon is neither wave nor electromagnetic in nature. They do not have dual nature. It is conscious particle and all effects are triggered by atomic genetics and all effects are due to synchronized working of mind and mass. [9]

Polarization by Transmission

Polarization by Use of a Polaroid Filter [10]

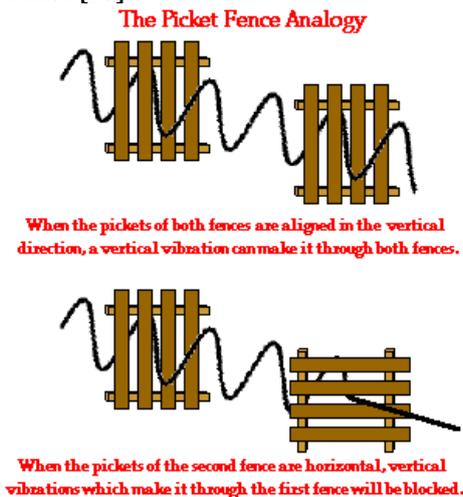


Fig 13 wrong depiction of phenomenon of polarization by transmission [10]

Right Explanation According to Participatory science let us know the structure of photon or energy quanta of monochromatic photons. Energy quanta of monochromatic photon is secondary boson and is made up of more fundamental particles called primary bosons which are also made up of more fundamental particles called energy Basic building blocks . Up on these B.B.B. atomic genes are found . Which is also called MIND particles. As shown in Fig 11. When these monochromatic photons move in group , they form polychromatic light. Or white light. In white light these monochromatic photons are arranged such, they form groups of these particles extending from ultra violet monochromatic photons to infra red monochromatic photons. To which participatory science calls tertiary bosons. as shown in Fig 14

Monochromatic photons (spherical particle with definitive mass,) propagate in space in wave pattern in straight line. It posses this pattern by virtue of the thought of that pattern as it has MIND also. Hence there is streams of monochromatic photons that follow wave pattern. This pattern is called transverse wave pattern . as shown in Fig 14.1

Monochromatic Photons Moving In Transverse Wave Pattern

This transverse wave pattern could be vertical or horizontal or in any plain of vibration. The plain of vibration of transverse wave pattern is also decided by Mind of monochromatic photon. When monochromatic photons leave from electrons of excited atoms , the streams of monochromatic photons have many plains of vibration. Few are in vertical plain of vibration and few are horizontal or any plain according to the thought of plain as triggered by CCP of different monochromatic photons. . Hence the ray formed by these monochromatic photons posses many plain of transverse vibrations making the ray UNPOLARIZED.

What is Unpolarised White Light.

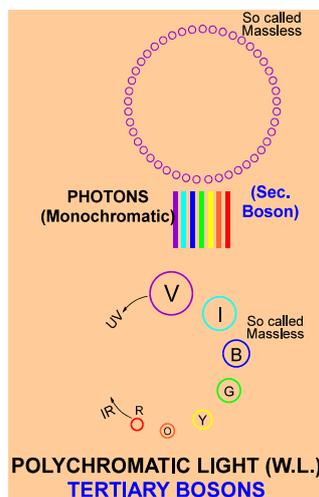


Fig14 polychromatic light

In one tertiary photons or white light, there are many monochromatic photons extending from Ultraviolet to Infra red. These are grouped monochromatic photons and all have their own frequency and wave length and velocity. But when they move in group they have all have one plain of transverse wave pattern triggered by thought of that plain of transverse wave pattern with velocity such that they could remain in group and this velocity is different than velocity of light. The monochromatic photon of higher energy content ($h\nu$) moves faster than monochromatic photon of lower energy content. But both have final velocity the velocity of light. The tertiary boson behind it could have another plain of vibration of transverse wave pattern. Hence the entire white light is un polarized. It could be shown like this as shown in Fig 14 and Fig 14.1

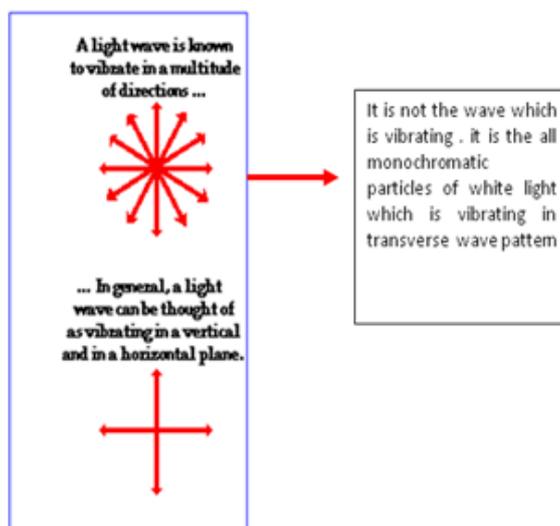


Fig14.1 un polarized light

When these grouped monochromatic photons or tertiary bosons of unpolarized ray of light pass through Polaroid filters. Then there occurs **selective filtering**. It means atoms of the Polaroid filters interact with grouped monochromatic photons or tertiary bosons of unpolarized ray. The atoms of Polaroid filter are destined with programmed thought of filtering selective plain of vibrating monochromatic photons and they do not allow other monochromatic photons to pass Polaroid filter which are not destined for selective filtering. Hence on other side we get polarized monochromatic photons with low intensity as emergent ray as shown in Fig 15.

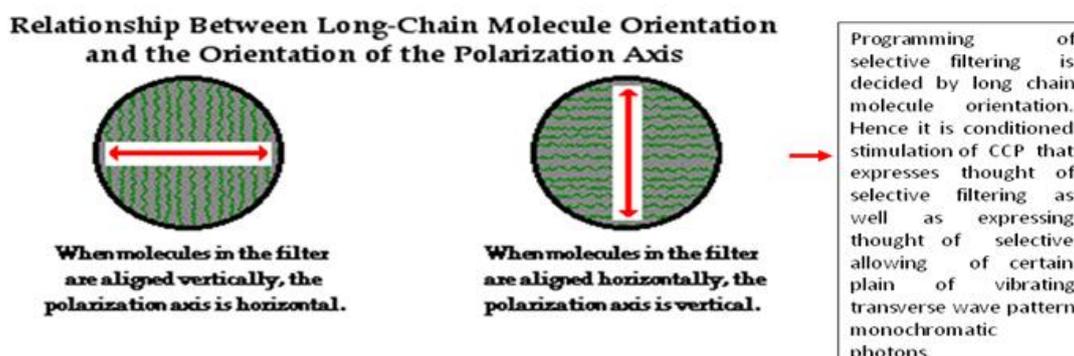


Fig 15 divine molecules of filter

Mechanics;- When monochromatic photons of un polarized ray come in contact with electrons of the Polaroid filter they send message of thought expression via $-ve$ emf ($-ve$ charged particles) path to the nucleus of the atoms of Polaroid filter. Having received the message, the two thoughts are expressed in the nucleus. One is thought of selective absorption of one plain of monochromatic photons vibrating in transverse wave pattern and the other thought is selective allow to pass other monochromatic photons vibrating in other plain of transverse wave pattern. Both the messages come out from nucleus to electron via $+ve$ emf ($+ve$ charged particles) path and is delivered to their respected monochromatic photons on electrons. Having received the messages,

monochromatic photons work accordingly and finally we get polarized ray of light on other end. The mechanics has been depicted as shown in Fig 16 and Fig 16.1

Mechnics of Polarization by Transmission

Atoms of the polaride filter ready to do selective absorption of one plain of vibrating monochromatic photons and allow other monochromatic photons of different plain of vibration in transverse wave pattern to pass the filter

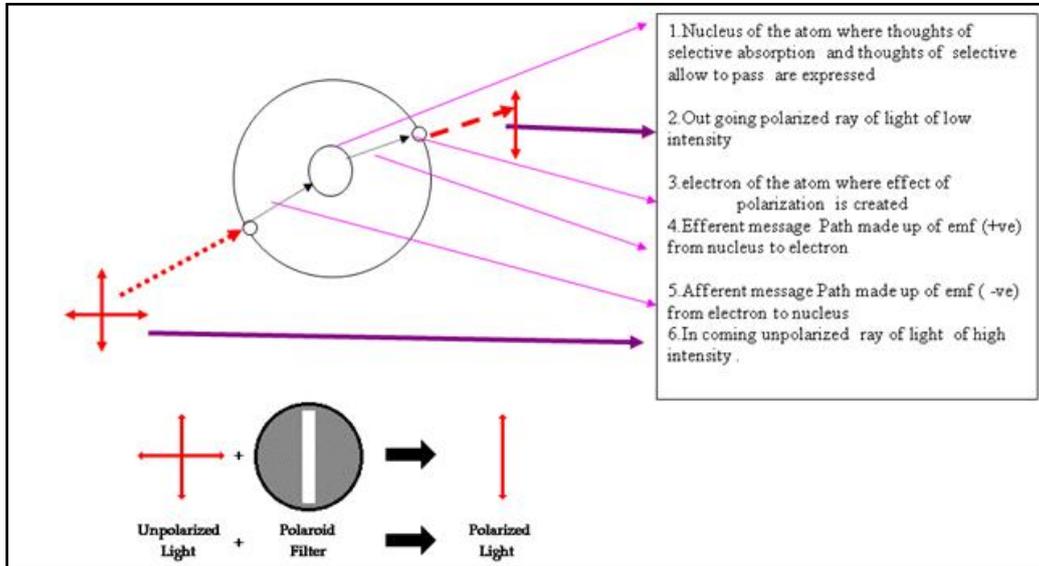


Fig 16 mechanism of selective filtering of un polarised white light

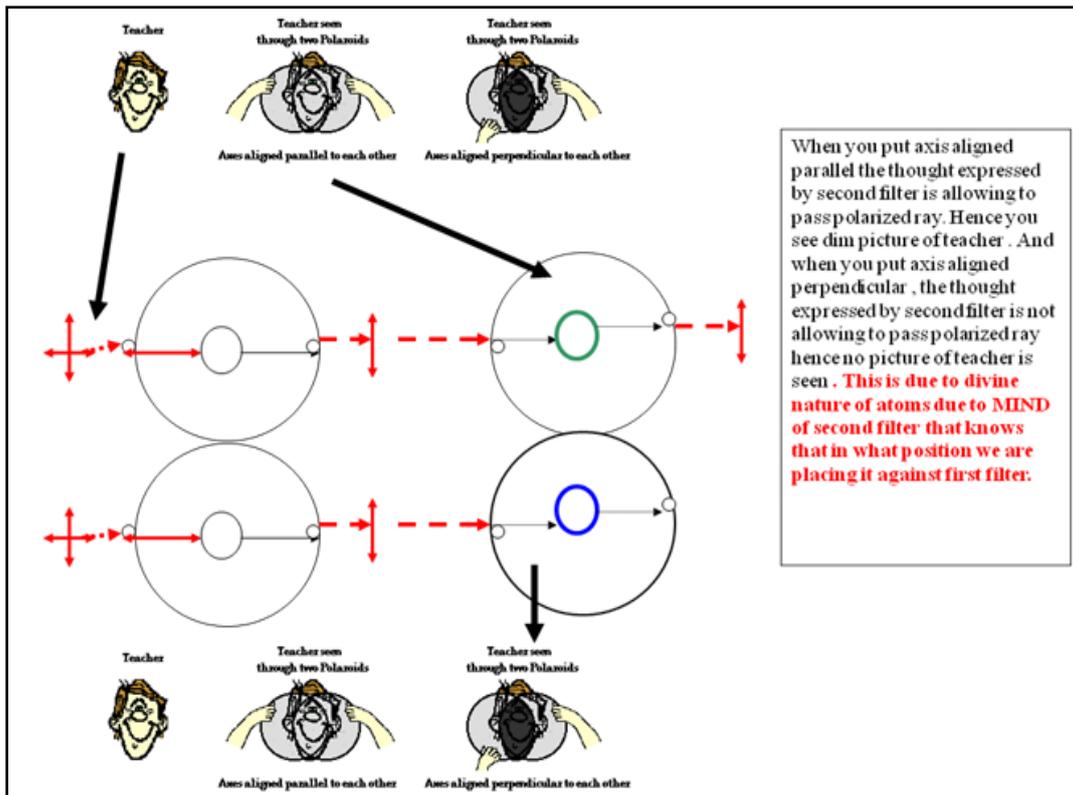


Fig 16.1 mechanism of selective filtering of unpolarised white light

The same is true for following phenomena.

Polarization by Reflection

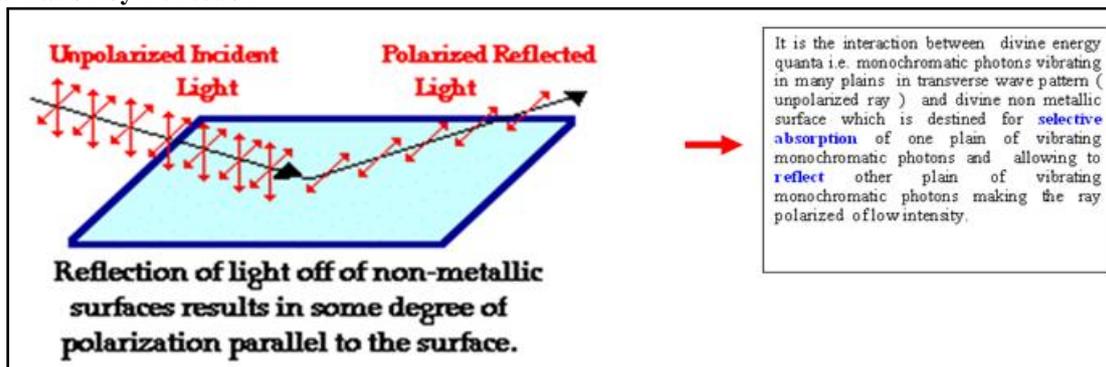


Fig 17 polarization by reflection

Polarization by Refraction

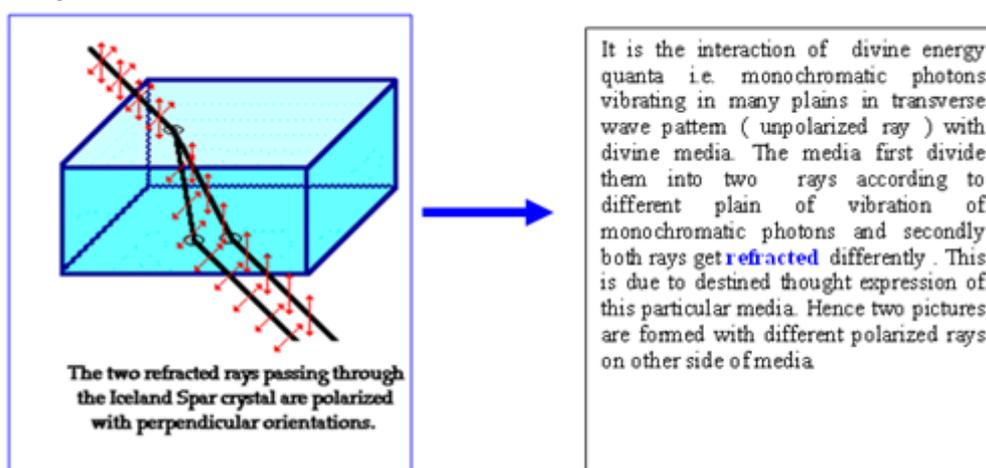


Fig 18 polarization by refraction

Polarization By Scattering

This process of scattering contributes to the blueness of our skies, a topic to be discussed later. This scattered light is partially polarized. Polarization by scattering is observed as light passes through our atmosphere. This is the interaction of divine energy quanta i.e. monochromatic photons vibrating in many plains in transverse wave pattern (unpolarized ray) with the divine atoms of gases of atmosphere. The divine atoms of gases not only scatter the white light but also they make them polarized by their thought expressions

Conclusion of the Experiment.

The phenomenon of polarization (polarization by transmission) has proved that energy quanta i.e. monochromatic photons as well as Polaroid filters are divine units. The divinity is due to atomic genetics or mind and divine activity is atomic transcription and translation.

The same is true for polarization by reflection, refraction and by scattering.

Law Of Plain of Vibration in Transverse Wave Patteren of Energy Quanta. The law state that monochromatic photons could have any plain of vibration when moving in transverse wave pattern which is triggered by thought of that plain of vibration.

III. Discussion

Modern physicists believe that energy quanta ($h\nu$) or monochromatic photon are waves. Participatory science has proved them particles or divine units and divinity is due to presence of atomic genes on basic building blocks (B.B.Bs.), the fundamental particles and divine activity or fundamental activity of the nature is atomic transcription or thought expressions. To answer how laws of physics are made is now easy due to the research of fundamental particles i.e. B.B.Bs and Atomic Genetics. Mathematics alone is unable to explore the reality behind any classical and quantum phenomena. Participatory science is ultimate science to know about any phenomenon of the universe. Without this science, **transparency** in explaining any phenomenon is absent.

3.1 Structure of Electron

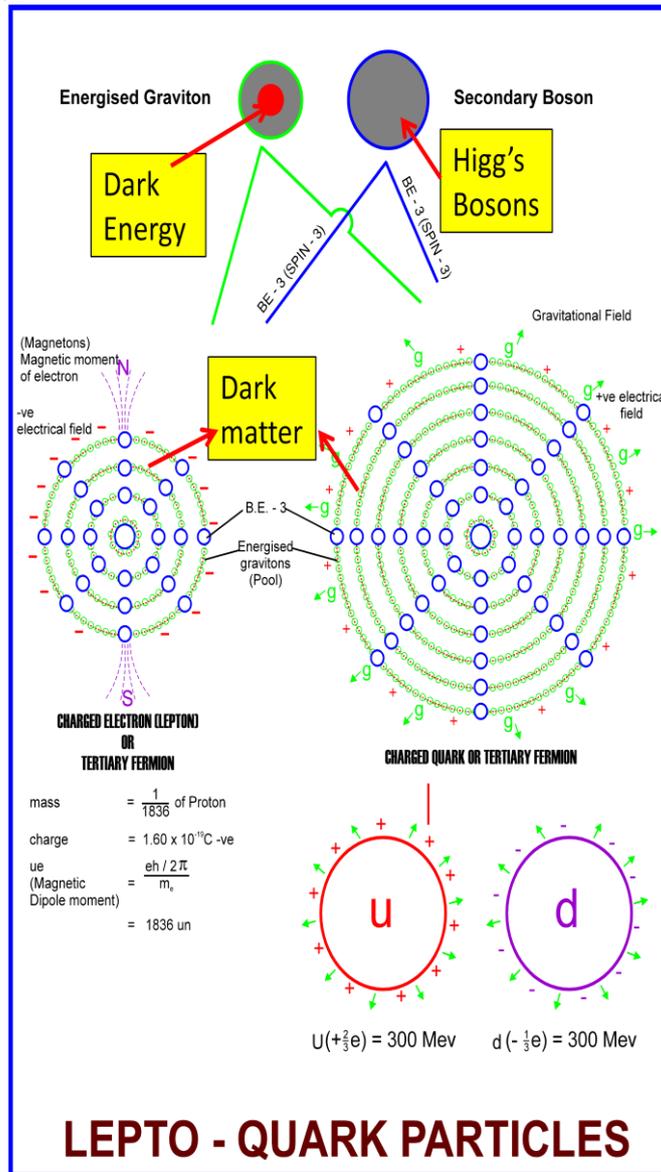


Fig 19 structural configuration of Leptons and Quarks as regard DM and DE

3.2 De Broglie's Hypothesis and Quantum Mechanics Vs Divine Mechanics (Mind and Mass)

De' Broglie's hypothesis and the birth of quantum mechanics

- Electromagnetic waves (photons) have both particle and wave properties
- D'Broglie proposed that all particles in the Universe could present this dualism:
 - each entity in the Universe exhibits both particle and wave properties
- Wavelength associated to the particles: $\lambda = \frac{h}{mv}$ (h: Planck's constant, m: mass, v: speed)
- electrons in atoms have also wave properties
- electrons form standing waves in atoms --> explains Bohr's quantum hypothesis: $2\pi r = n\lambda; \rightarrow 2\pi r = n \frac{h}{mv}; \rightarrow L = mvr = n \frac{h}{2\pi}$
- wave nature of the electron proved experimentally (Davisson & Gremer)

- Fiction - Photons are Divine Particles**
- Fiction - All are Divine Particles**
- Fiction - Divine Particle moving in wave pattern.**
- Fiction - Electron is Divine Particle in atom**
- Fiction - Bohr's Theory has been Modified and now It is Divine MONB theory**
- Fiction - Electrons are Divine Particle and they move in wave Pattern and constructive interference (**Directed rings**) is due to redistribution of electrons Caused by Thought (Divine Mechanics) rather than wave nature as in Young's two slit Experiment Of monochromatic light .**
- Fictitious Atomic Model**

Marks Allotted Zero out of Ten

Wave-particle duality and two-slit experiments

- Experimental results if electrons were normal particles
- Experimental results if electrons behave like waves
- Conclusions: **Electrons interfere like photons**
wave nature of particles important when mv is small (otherwise λ is too small to produce detectable effects)

Fiction – Electrons are Divine Particle and they move in wave Pattern and constructive interference (Differected rings) is due to redistribution of electrons Caused by Thought (Divine Mechanics) rather than wave nature as in Young’s two slit Experiment Of monochromatic light .

The nature of the waves associated to particles

1. Fiction - Divine Particles moving in wave pattern

- Waves associated to particles--> matter-waves
- matter-waves characterized by their amplitude, called wave-function: ψ
- Intensity of the wave $\sim \psi^2$
- What is oscillating? Intensity of what varies?
- Intensity of matter waves represents the likelihood or probability of finding an electron at that location and time**
- new view of physics --> quantum mechanics
- new rules and equations which describe the dynamics of the matter waves
- fundamental equation: **Schrodinger’s wave equation** --> gives ψ
- Schrodinger’s equation a very complicated second-order differential equation, can be solved analytically only in some simple case (Solving Schrodinger’s equation = finding ψ)
- knowledge of ψ provides all possible information about atomic particles

2, 3, 4. -Fiction - Divine Particle moving in wave pattern makes Amplitude and wave length . Intensity is due to constructive interference And redistribution of Electrons due to thought . Intensity varies as thought of distribution of electrons of two constructive interference is not same .

5. True - Divine Particles moving in wave pattern

6. False - New view of Physics – Not QM rather Divine Mechanics

7. New Rules – Divine Mechanics - Divine Particles moving in wave pattern

8. Fiction- □ - it is only a mathematical tool . Physics(QM) in the light of □ looks Funny .

9. Fiction – It is Mind that controls nature or Mass (particles) .

10. Fiction --Knowledge of Atomic Genetics (Mind and Mass) and Basic Building Blocks that provide all possible information about atomic particles .

IV. Conclusion

Monochromatic photons of coherent source are divine units. They are not physical units . It means their working is triggered by atomic transcriptions or thought expressions. Phenomenon of interference has proved that monochromatic photons are not wave packet rather it is divine particle and due to its divinity it is moving in wave pattern. And the pattern is so fast that it looks as if it is wave packet (illusion) with definitive wavelength. **Law of Redistribution of Energy Quanta** . According to the law of conservation of energy - Energy particles cannot be created or destroyed . They can be transformed into other energy particles. Similarly energy quanta or monochromatic photons during destructive interference , they are not destroyed rather they are redistributed such that at constructive interference they get modulated (amplitude modulation) producing super crest and super trough making the bright band more bright . Hence during interference monochromatic photons are not destroyed rather they are redistributed. It could happen only because of triggering of thought of redistribution in side monochromatic photons .The law of redistribution of monochromatic photons or energy particles is the basis of **divine spectroscopy** where we shall discuss about quantitative index, qualitative index and red and blue shift indices . Modern physicists believe that energy quanta ($h\nu$) or monochromatic photon are WAVES. . Participatory science has proved them divine particles with definitive mass and divinity is due to presence of atomic genes on basic building blocks (B.B.Bs.), the fundamental particles and divine activity or fundamental activity of the nature is atomic transcription or thought expressions. Same is true for electron diffraction and interference phenomenon . These are fed thoughts and feeding was done in pre creation era by Highest center of the universe –The Creator – Maker of Laws and Lawlessness .

References

- <http://www.dummies.com/how-to/content/string-theory-the-de-broglie-hypothesis.html>
- https://en.wikipedia.org/wiki/Davisson%E2%80%93Germer_experiment
- <http://phys.ubbcluj.ro/~zneda/edu/102/chap23/sld003.htm>
- V M Das *International journal of innovative research and development* Volume 3 Issue 8 p 194- 210 (2014)
- V M Das *International Journal of Sciences: Basic and Applied Research (IJSBAR)* Volume 17 No 1 , p 292-324 (2014)
- V M Das *International Journal of Sciences: Basic and Applied Research* Volume 16, No 2, p 274-309 (2014)
- W S Harris *JAMA Arch Intern Med.* Volume 159, N019 , Oct-25 p 2273-2278 (1999)
- V M Das *International Journal of Sciences: Basic and Applied Research* volume 16 number 1 , p 311-338 (2014)
- V M Das *International Journal of Sciences: Basic and Applied Research* volume 17 number 1, p 148-185 (2014)
- <http://www.physicsclassroom.com/class/light/Lesson-1/Polarization>