

Quark Hypothesis

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(This article is for students, scientist, and all those who are interested in exploring quark/Quark. Please read, share and comment)

Advance level research on Quark:

Another world also exist from the centre of the widely spread observable outer world and the name of that internal world is 'Quantum world' therefore, for the search of that world, I gave priority to the search for the very subtle primary or fundamental particle that created the entire world the beginning of this discovery methodically begins with the study of the lines of forces of the magnet. We know that the lines of forces emerging out of the magnet pole are called flux or magnetic flux Till now it is written in books of physics that the beginning of the lines of forces starts from the north pole of a magnet and ends at the south pole, but now where it is written that similarly the origin of magnetic flux also starts from south pole and goes towards north pole. The above statement is partially correct but not completely correct. I found in my study that flux also originates from the south pole which ends at the north pole. Because of which between the lines of forces disruption or repulsion arises among themselves otherwise if only the lines of forces emanated from the north pole and had it ended at the south pole, There would have been developed an attraction between the lines of forces

But the reality is that these lines of forces repels each other. It means, construction of lines of forces emanating from both the pole of the magnet must be indeed would have been made of two different

Kind of particle but of having same nature associated with them, or in other words force carrying particles, producing line of forces must bear or hold same nature but their properties are different from each other. Therefore I found inconsistency problem arise among lines of forces. To resolve above problem I had to find out responsible magnetic force carrying particle 'magneton' their composition and associated properties with them. The situation compelled me to derive them mathematically, as to prove their existence in universe theoretically (Experimentally emanating magneton were present in my hand in form of a bar magnet). A mind blowing idea arose in my mind after reading a book 'Treatise on heat' written by Dr M. N. Saha a pioneer scientist worked on plasma.

His style of working was such that, what I studied, was first prove the theme, on how many factors the phenomenon depends upon. Then explain the secret behind observable science. My goal was to find out composition of photon particle, also want to know of what thing they are made of, Therefore I also followed the same path or foot print of the great soul. After a deep thinking I reached at conclusion that the Universe (that is made of tiny-est particle called quark) Also thought about how many factors associated there to bring particles in existence. I found there were only two factors, viz mass and spin were responsible to bring them (particle) let come in to their existence, (out of flowing energy cloud in side sun hot planet white hole galaxy etc). phase 1 starts here so I proved whether my thought is right or wrong through assumption no 3delt in Quark hypothesis Elaborately mathematics derived through general math calculus through double differentiation method assigned to console myself that I was on right path, showed the equation were perfect differential, $L \cdot h \cdot s$ equals $R \cdot H \cdot S$.

Phase 2 investigation and development of mathematics done,

Given name assumption --4 Explains all mathematical development about charge mass spin & further achievement in getting no of fundamental particles, when Einsteins relativistic mass equation put in frame of Eqn--15 of assumption-4 it revealed presence of existence of six type of fundamental particle in three colour viz positive negative and neutral (+_&0)ve 50% of them found spin in clock wise direction others are spin in anti clock wise direction those particles name derived by me from colors of rainbow so I divided them in to two

group Group a contains Y(0)ve,G(-)ve&R(+ve spin in clock wise direction and Group b contains Y(0)ve,G(-)ve &R(+ve spin in anti clock wise direction there fore all particles found are fundamental particle but cw spin forms group of particles called elementary particle another set of particle spin in anti CW direction found to form anti particle so I could propound two theory (a) theory of fundamental particle next (b) theory of elementary particle.

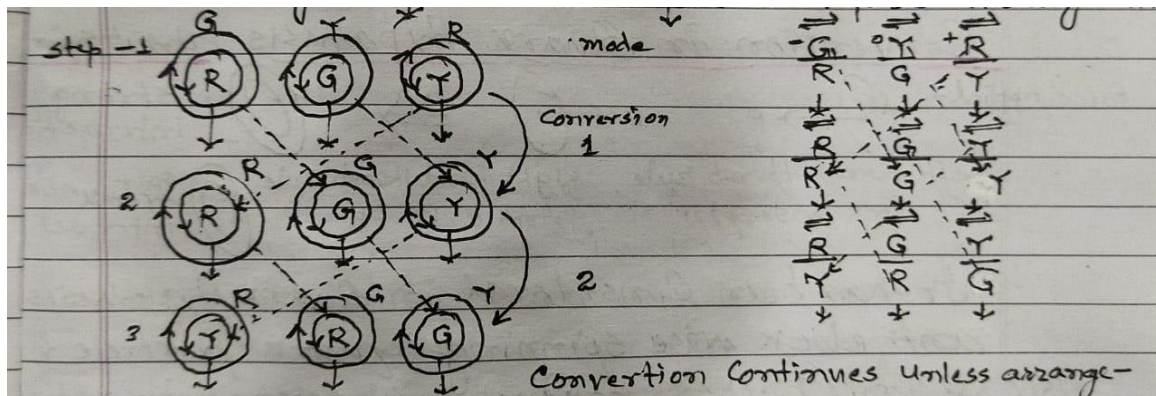
Simultaneously. Formation of Elementary particle takes place when each particle from either group spin in opposite direction to each other combines at a time so they forms a pair particle called by me Energy Quark particle based on formula $q+q=Q$ (Energy Quark particle)where q denotes single quark particle. Particles in their opposite spin develops strong inter action between them selves where as particles spin in same direction develops weak inter action among themselves such cases are found in case of formation of w-z boson.

Source of fundamental particle are hot planet earth sun star white hole galaxy etc these particles carry mass as well force along with them so they are called simply energy particle but when such two quarks belongs from either group a or b unites or combines to form Energy Quark particle denoted by Q is called elementary particle they are also found in six form called Gluon their forms have been shown here below through the below table.

Group →	Ⓐ			Ⓑ		
	Y	G	R	Y	G	R
Prime Particle → Gluon family	Y ^o G	GR	R ⁺ Y	Y ^o R	G ⁻ Y	R ⁺ G
Intermediate particle →	YY	GG	RR	YY	GG	RR
Resemblance with mass Quark particle	s ^o	d ⁻	u ⁺	s ^o	d ⁻	u ⁺
mirror image particle	e ^o	b ⁻	t ⁺	e ^o	b ⁻	t ⁺
	GY	RG	YR	RY	YG	GR
	YY	GG	RR	YY	GG	RR
	Particle			Anti particle		

Figure

Out of six type of gluon three are called viz YG,GR,RY are prime particle and next three type of particles are viz YY,GG,RR are called intermediate particle as they are not found in first instance they are produced when prime particle under goes through Quantum conversion reaction such double energy particle takes their birth after alternate conversion . How does conversion reaction takes place ,to explain it among two particle can be said it take place in a cross multiplication way. here I shall only explain particle section & not anti particle section of formation of energy Quark when no of Quark particle increases in a reaction ,reaction procedure follows same rule but in some how different way pic given below will clear all doubts.



Figure

Out of six gluons only YG energy Quark behaves as a perfect gluon so it forms & serves as a nucleotide in Quantum chemistry therefore to form a nucleotide YG Quark must come in between either type charge holding Energy Quarks viz formation of colour singlet a triple Quark system as follows GR. YG. RY in a chain of Energy Quark system this rule is followed strictly discovery of Energy Quark gave me an extra advantage to formulate empirical formula of all leptons as well hadron. leptons are penta Quark system also hadron follows same rule but instead of keep a single Quark arranged in special way that forms lepton, hadron keeps mass Quark in form of pions as mass Quarks are formed on base of formula ;--mass Quark=n x energy Quark where n is an even integer.

Therefore we may re write pions as follows,

Positive pion=n x RY energy Quark,negative pions=n x GR Energy Quark similarly neutral pion=n x YG energy Quark empirical formula of hadron are similar to as lepton there remains just a diff in writing and that is just have to write one pion before entire formula written in leptonic form so we can write electron as GR. YG. RY YG. GR

Positron as RY. YG. GR,YG. RY

Photon as YG. GR. YG. RY YG. All are lepton but heavy particle proton can be written as

Proton as n x positron I. e proton is n times heavy then an electron . This is a near about rough calculation where value of them are equally distributed among all the associated distinguished form of individual Quark with there respective ratio therefore we can rewrite proton as,

Proton = 1836 or n or pion x (RY. YG,GR. YG RY) . or formula of positron

Similar neutron = pion x (YG . GR. YG RY YG) or formula of photon

Here proton and neutron belongs to hadron family all these above mentioned particles under certain special Quantum condition that includes zone of vacuum polarization takes shape of an atom in this way under various term and condition different type of atom take their formation also creates long form periodic table elements all about it has been described elaborately in section formation of particle in manuscript or thesis heading in form of ‘Quark hypothesis’.

In next step I individually identified gluons based on their holding charge and nature found YG represent it self as Graviton similarly GR as magneton also RY as electro-magneton respectively.

More over we can change one type of particle in to other form of particle but for this a Quantum field area is required in all cases so the importance of Quantum field increases here and we can facilitate the condition by making available the condition between two capacitor plate or a space inside a coil

Or in a closed space wire carrying electricity or inside an electrical loop. for example we can carry an experiment where electron converts it self in to photon and that case is switch an electric bulb,in this case at a time both type of addition and elimination reaction takes place among available Quark particles in an enclosed area now we observe the Quantum reaction what happens there so here below.

I am casting the Quantum reaction,

Electron, \uparrow GR . YG. RY . YG . GR + \downarrow YG = YG. RY . YG . GR . YG (photon) + GR (magneton) in this reaction.

GR Quark eliminates itself from electron and YG (Graviton) Quark adds itself i. e. , (borrowed from atmosphere) When electricity passes through tungsten filament of the bulb, its temp slightly increases at the same time associated Quark particle in an electron having individual Quantum field area of their own associated with each of Quark particle creates a Quantum field area around filament so the reaction took place In absence of enclosed covered area this reaction could not take place. More over it has to mention here that our mother earth always radiates all type of prime particle through its surface all types of energy Quark round the clock 24x7. these particles also accumulates there inside enclosed area of the bulb, that helps in creating a strong intense Quantum field around the filament. Above Quantum reaction also provides us an insight that nature round the clock extends its helping hand towards human to carry on any action or reaction on earth . In all type of work done on earth or in space 50% work done is carried by nature so we are inter dependent on each other without help from the side of nature we can not move a little bit on earth or even can not lit a match stick on earth these Quarks provides us required energy to do any work. so Quarks are the whole & sole thing necessary for our sustenance on earth or any where in space. therefore I have given Quarks other name as nerve particle also the theme behind it can be understand just by simple experiment as in case of severe cold we feel weak ness in our body but when we bask sun light feels strength in our selves where from the required

energy comes in our body obviously it was supplied by the sun in form of Quark or photon holding five Quark in themselves a penta Quark particle.

I have got a wide range of Quarks application in various field like botany where photon absorbed by leaf of plant is broken by chlorophyll present in leaf in form of Quark to supply heat for cooking purpose also found its application in chemistry both in organic and in inorganic section of chemistry shearing of electron among various kind of atoms to form their by product we can make Quark microscope instead of electron microscope that has wide application in medical field also in other field like astro physics as because I have become successful in discover all the ten Quantum states of light which was still unknown to human on earth before publication of my thesis on Quark as Quark hypothesis so it carries grate importance we can analyse element present on distant planet whether it resides trillion km apart from us in space. again have to inform world as these ten Quantum states are simultaneously responsible for depiction of colour in rainbow. I have discovered answers of unanswered Questions occasionally comes in mind of student that no book provides their answer.

I have cleared ambiguity problem associated with photon, like dual nature of photon, answered when and how associated Quark particle of photon manages themselves to convert themselves instantly in form of particle and wave nature. Also many more discovery explained in Quark hypothesis relating to Quantum Gravity along with related experiment in which I resolved the problem of Einsteins so called space-time fabric replaced by second thought based on nature of Graviton along with formation of worm hole similarly written topics like Origin of Quantum magnetism and Origin of Quantum electro magnetism etc. Along with relevant example. In respect of Quantum chemistry other important discovery are mentioned here below.

1. Nobel laureate Yukawas nuclear force theory amended
2. Einsteins so called theory about fabric replaced by me on basis of nature of Graviton
3. Formation of particle an advance knowledge
4. Quantum theory of photon
5. Proved how present Universe came in to existence
6. Discovered Energy Quarks and identify-ed them as Graviton Magneton & Electro-magneton
7. Their empirical formula
8. Formation of string Quite different concept from other scientists
9. Definition of Gravitation, magnetism, Electro-magnetism changed by me
10. Nature of quark and Quark their behaviour and reaction skills
11. Laws of Quantum reaction etc
12. Theories on fundamental and elementary particle individually discovered & developed
13. Comparison with mass Quark U,D,S,C T ,B
14. Inconsistency problem give rise discovery of Quantum conversion reaction.
15. Flux are explained of what particle they are made of
16. Discovery of new wing In Quantum physics as Quantum chemistry
17. Verification of conservation law also verification of convention in Quantum chemistry
18. Proved quarks are nothing but neutrino proved through beta decay process of neutron & proton
19. Cause behind Quantum theory of colour
20. Alternate way to find wave function

With a happy note, I' Mr. D. J. Chatterjee put down my pen ,extending thanks to you and everyone whom has spend there precious time reading this research document.



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