

Review of Electromagnetic Theory Based on Two Units Viz. Second & Meter

Manish Kumar

Department of Electric Engineering, IIT(BHU), Varanasi-221005, U.P., India

Abstract

$\vec{v}_\mu = \frac{1}{\mu} \hat{x}$ m/s \rightarrow Magnetic permeability velocity, $\vec{v}_\epsilon = \frac{1}{\epsilon} \hat{y}$ m/s \rightarrow Electric permittivity velocity

Introduction

- “Necessity is the mother of invention” is the famous proverb which originates from the inquisitive mind of human beings.
- From paleolithic age to modern world the fight for survival is the necessity that lead to the consequential development of modern civilisation.
- The most revolutionary theories came from those who has undetted faith in GOD.
- The only proof of GOD was the undetted faith of human beings which was being challenged by many athiest those who deny His complete existence and hence the debate leads to many war and bloodshed.
- GOD’s physical existence and his interaction with the matter (living/non-living) is beyond the realm of physics as the boundary of physics is $\hbar/2$.
- Different potential ideas in physics has utilized the mathematics as the diagnostic tool and various prescription came from sectors like Classical Physics, Modern Physics, Computational Physics, Theoretical Physics, Applied Physics, Meta Physics, Solar Physics, Biophysics, Astrophysics etc. for creation, invention and discovery as the Physics is the study of science that deals with energy and matter and their interactive nature with each other.
- After reading through the Modern World research based on the Vedic knowledge being translated via English language and almost all the objects and subjects are defined as per the format of English with physical units being credited by the Scientists name who find it. Hence a vertically 14 layered society of HOMO SAPIENS evolve as per their capacity to understand the economics of current waves on surface. These 14 layered are nothing but the pH values of water, hence pH = 7 are the most balanced but most difficult to achievable category.

Objectives

- Understanding the fundamentals of Astrology as the Universal/Multiversal map for the evolution of life in Multiverse (Curtsey: Bhrigu Sage)
- Bridging the gap in Science to build the Golden Ladder to reach at the top of Spiritual Practices through Electromagnetic Theory. (Curtsey: Ravan)
- Use this Golden Ladder for the Welfare of Humanity by filtering the appropriate elements to achieve

Salvation. (Curtsey: Lord Krishna as quoted by him to the answers of Arjun through Shri Madbhagwad Gita)

CURRENT (I, dimension less): RATE OF FLOW OF ENERGY (TIME, CHARGE) IS CURRENT.
OR VELOCITY OF ENERGY (TIME, CHARGE) IS CURRENT.

Mathematically

$$\begin{aligned} I &= \lim_{h \rightarrow 0} (E(r,t+h) - E(r,t))/h \\ &= \lim_{h \rightarrow 0} (q(r,t+h) - q(r,t))/h \\ &= \lim_{h \rightarrow 0} (T(r,t+h) - T(r,t))/h \end{aligned}$$

FORCE(F, second per meter(s/m)): GRADIENT OF ENERGY(TIME, CHARGE) IS FORCE.

Mathematically

$$\begin{aligned} F &= \lim_{k \rightarrow 0} (E(r+k,t) - E(r,t))/k \text{ (s/m)} \\ &= \lim_{k \rightarrow 0} (q(r+k,t) - q(r,t))/k \text{ (s/m)} \\ &= \lim_{k \rightarrow 0} (T(r+k,t) - T(r,t))/k \text{ (s/m)} \end{aligned}$$

Where

{Energy}

$$E(r,t) = E_0(r,t) \text{Exp}[-i(\omega t - k \cdot r)] \text{ (second),}$$

{charge}

$$Q(r,t) = q_0(r,t) \text{Exp}[-i(\omega t - k \cdot r)] \text{ (second),}$$

{time}

$$T(r,t) = T_0(r,t) \text{Exp}[-i(\omega t - k \cdot r)] \text{ (second).}$$

Main force is basic Instinct: Security...that drives all desires and the level of security decides your Nature's Synchronisation with Nature in simple Electrical Engineering or the first Law that was Mathematically established was Lenz's Law

Lenz's law states that the direction of the electric current induced in a conductor by a changing magnetic field is such that the magnetic field created by the induced current opposes changes in the initial magnetic field. It is named after physicist Emil Lenz, who formulated it in 1834.

Wikipedia

And see the English and Hindi translation by Wikipedia...can you imagine how the difference is created by Noticing the year quotation 1833 & 1834 with Name difference of Same Scientist... thanks for this post to point out the problem thus this post is only used to improve A.I. algorithm in free by Google and it's Chinese counterparts trying to copy sharpness of each HOMO-SAPIENS so as to overcome the basic Instinct a divine feature responsible for creation of life in Atto Seconds as established by my research work QUANTUM ORIGIN OF NANO AS GOD DOESN'T PLAY DICE keep on the quest as true success is near the DOOM'S DAY ... BECAUSE OF LUST AND GREEDS OF HOMO-SAPIENS TO CREATE PARALLEL GOD...BUT AS TOLD YOU ALL LENZ'S LAW...IS ONLY DUE TO GOD'S WISH FOR SNOW WHITE & SEVEN DWARFS MAGNETIZED SELF-FOCUSSING OF NEGATIVE ENERGIES...THUS HOMO SAPIENS IS READY TO REAP WHAT THEY ARE SOWING IN ATTO SECOND

130120240120SATURDAY

Only mantra which is supreme and has no side effects plus remove all doubts about one's life is to preach and practice truth of three basic Instincts (security) is law of conservation of Momentum($M s^2/m$) Energy ($E s$) & Charge($C s$) ... combinedly acronym as MEC==CEM WHOSE COMBINED UNIT IS (s^4/m)...thus UNIT OF BASIC INSTINCT (SECURITY) IS s^4/m ...any mantra which improves one's basic Instinct Security is the only powerful mantra recited in any language or practiced can have never any side effects and from today onwards remain no secret for whole humanity...hence thanks for this post to improve the truth in most scientific research work owing to my research QUANTUM ORIGIN OF NANO AS GOD DOESN'T PLAY DICE and kindly observe that it is five dimensional in nature containing 4 units of time(second) AADHARED on single dimensional space(meter). Hence this was practiced by Sage Vishwamitra that HE found while duet with Sage Vashishth...and thus calmed HIMSELF TO REALISE THE ULTIMATE TRUTH ...THAT TIME OR ENERGY OR CHARGE ALWAYS EXPAND IN SPACE ABOUT A POINT THUS 4π IS INHERENT IN SPACE AND POINT HAS A DIMENSION OF $0m$ thus $Time^4/Space = \lim_{r \rightarrow 0, t > 0} [t^4/r] = \lim_{r \rightarrow 0, t > 0} [1/(r/t^4)] = \lim_{r > 0, t > 0} [(4\pi)^4/r(w^4)] = -[(4\pi)^4 (\frac{\infty}{\infty})]$

$$= -((4\pi)^4)/((r^2)4w^3) = -(1/4) ((4\pi)^5)/((w^3)(r^2)) = -(1/4)((4\pi)^5)mass (s^4/m)..$$

as $mass(M) = 1/((w^3)(r^2)) (s^3/m^2)$... hence $Security = -(1/4)((4\pi)^5)M (s^4/m)$ but Universal Constant of Gravitation (G) has a unit of $(m/s)^5 = \alpha(v^5)$ where α is constant of proportionality thus

$$g = GM/R^2 \Rightarrow G = gR^2/M = \alpha (v)^5$$

$$Security = -(1/4)((4\pi)^5)M (s^4/m)$$

$$G = -gR^2/((1/4)((4\pi)^5)(Security)) = \alpha (v)^5$$

$$Security = -(4gR^2)/(((4\pi v)^5) \alpha) (s^4/m) = -(4/(G(4\pi)^5))(gR^2)(s^4/m)$$

Thus,

$$Security = -\beta(gR^2) (s^4/m)$$

Where

$$\beta = 4/(G(4\pi)^5) = 191251.54294348 (s^6/m^4) = (s/m)^5 \times (sm)$$

$$\beta = rt/(v^5) (s^6/m^4)$$

Hence finally

$$Security = -191251.54294348(gR^2) (s^4/m) \approx -0.19(gR^2)(s^4/micron) = -190(gR^2)(s^4/mm)$$

Where $1micron = 10^{-6} m$ & $1 mm = 10^{-3}m$

Thus

$$General Security = -gt(r^3)/(v^5) (s^4/m)$$

$$= -gtVF^5 (s^4/m)$$

Where $F = Force (s/m)$ & $V = Volume (m^3)$

But Impact = Force \times Time = Momentum

$$So GS = -(gVF^5) \times t = - Instantaneous Force \times Time = -IF \times Time$$

Where

$$Instantaneous Force (IF) = g V F^5 (s^3/m)$$

This concludes that General Security arises due to negative Impact or Momentum and acts on another body generalized Newton's Third Law of Motion for Social Behaviour thus for positive General Security Positive Impact is must having a unit of s^4/m ... Inference drawn here is to reduce the sense of General Security Space must be widening or time must be reduced for Natural justice if reverse happened will lead

to CHAOS...that is Space is limited but time is delayed...hence Quite easily done the Mathematical model of Chaotic Theory...

$$GS = - (IF \times TIME) (s^4/m)$$

Where

$$IF = g V F^5 (s^3/m) = g V / v^5 (s^3/m)$$

g = acceleration due to gravity (m/s^2)

V = Volume (m^3)

F = Force (s/m)

V = Velocity (m/s)

220120240045MONDAY (the format is set into this form for expressing gratitude to the Universe using date, time & day to remind me the idea just appeared and needs to the initiated and formulate into mathematical proof)



Definition of Liquid State at any temperature for any matter:

1. Form drop (spherical shape) in free space.
2. Ability to flow from higher to lower potential.
3. Viscous in Nature while flowing.

Definition of Free Space: Free Space is defined as the 3 dimensional area of a point surrounded by equal force or alternate definition is an area having infinite pressure that is Space having Force of 1 s/m, thus Mathematical model of free space is

$$Area = (force / pressure) = 0 m^2,$$

Where force = 1 s/m, pressure = ∞ s/m³

but velocity = 1/ force = 1/1 = 1 m/s...

Hence Area = 1/ (velocity × pressure) m², pressure = 1 s/m³ this leads to

Area × velocity × pressure = 1 for FREE SPACE.

$A \times v \times p = 1$ is a dimensionless cross product of three vectors viz. Area, velocity & pressure. Then all three must be orthogonal in Free Space, loss of orthogonality in these vectors leads to Anisotropy reducing its maximum value in the range from 1 to -1...so the three vectors in free space whenever under stress of external or internal conflicts loss their orthogonality develop Anisotropy leading to crystal or mass formation but if exhibits liquid state forms the “LIQUID CRYSTALS”.

Also Mass = (Energy Volume)/Area
 = $Ev/A \text{ s}^3/\text{m}^2$

Thus for free space having 0 square metre area contains infinite mass for any non-zero Energy volume moving with 1 m/s velocity and creating a force of 1 s/m thus in free space any non-zero Energy volume creates infinite pressure on 0 square metre Area.

According to Einstein’s Relativistic theory and mass-energy conversion model viz

$E = (m \times c).c$ (s) where c = velocity of light photon and m = mass of photon but $|c|$ = constant in any Relativistic frame = 299792458 (m/s), thus 1 photon creates a force of 0.00000000333564095198 (s/m).

240120240055WEDNESDAY

Thus no of photons train generation in space of 1 meter by the absolute electric and magnetic force of the Electromagnetic radiation through oscillation of a single pair of charge or the dipole is fixed and is free from any frame of reference viz 299792458. Hence each photon generated actually pushes it’s elder photon in 3D Space and the eldest or the first or the fundamental photon is bound to bear the grunt of their siblings in clash mode as each have their own Electric(Karma कर्म) force & Magnetic(Bhagya भाग्य) force depending upon its ORIGIN IN SPACE DESCRIBED BY THEIR ASTROLOGICAL CHARTS IN CASE OF HOMO SAPIENS WHO ARE ALWAYS IN RACE WITH THEIR ORIGINATOR AS PER THE “GENERAL SOLUTION OF CHAOS” viz their BASIC INSTINCT (SECURITY OPTIONS) described by the MATHEMATICAL MODEL AS FOLLOWS:-

Mathematical model of Chaotic Theory...

$$GS = - (IF \times \text{TIME}) (\text{s}^4/\text{m})$$

Where

$$\text{Instantaneous Force (IF)} = g V F^5 (\text{s}^3/\text{m}) \text{ alternatively, } IF = g V/ v^5 (\text{s}^3/\text{m})$$

$$G = \text{acceleration due to gravity } (\text{m}/\text{s}^2)$$

$$V = \text{Volume } (\text{m}^3)$$

$$F = \text{Force } (\text{s}/\text{m})$$

$$v = \text{Velocity } (\text{m}/\text{s})$$

The “-ve” sign is in accordance with the “Lenz’s Law”.

Hence the PUSH-PULL CONFIGURATION of each Photons follow a principle stated in 1811 by the Italian chemist Amadeo Avogadro (1776-1856) that equal volumes of gases at the same temperature and pressure contain the same number of molecules(Photons) regardless of their chemical nature and physical properties (Frequency & Wavelength) = $6.023 \times (10^{23})$ per mole where One mole of a substance is equal to 6.023×10^{23} units of that substance (such as atoms, molecules, photons or ions).

It leads to a new definition of 1 mole of Photons in 1 meter = $(6.023 \times 10^{23}) \times (299792458) = 1805649974.534 \times 10^{23} = 1.805649974534 \times 10^{32} \approx 1.81 \times 10^{32}$

Thus Total Volume of Molar Photons in sphere of radius 1 meter = $(4\pi/3) (1.805649974534 \times 10^{32})^3 = (4\pi/3) \times (5.887090312776234377829991679062105304 \times 10^{96})$

$\approx (4\pi/3) \times (5.89 \times 10^{96})$

$= 24.659786236849 \times 10^{96}$

$\approx 24.66 \times 10^{96} (s^3)$

Mass of Photons train in a radius of 1 meter in Space having uniform Temperature & Pressure as per the AVOGADRO's Law

$M_p = (24.659786236849 \times 10^{96}) / (4\pi)$

$= 1.9623634375920 \times 10^{96} (s^3/m^2)$

$\approx 19.624 \times 10^{95} (s^3/m^2) = \text{Mass of Black Hole,}$

270120242130SATURDAY

Please pay attentions to the Units of each

Some equivalent definitions of other fundamental physical constants are

- e is the elementary charge ($= 1.602176634 \times 10^{-19} \text{ C}$);
- π is the mathematical constant pi
- h is the Planck (radian); constant ($= 6.62607015 \times 10^{-34} \text{ J}\cdot\text{s}$);
- $\hbar = h/2\pi$ is the reduced Planck constant ($= (6.62607015 \times 10^{-34}) / 2\pi \text{ J}\cdot\text{s}/\text{rad}$);
- c is the speed of light in vacuum ($= 299792458 \text{ m/s}$);
- ϵ_0 is the electric constant or permittivity in vacuum (or free space) Farads per Meter (F/m); μ_0 is the magnetic constant or permeability in vacuum (or free space) Henry per Meter (H/m);
- Z_0 is the vacuum impedance or impedance in free space (Ohm (Ω)).
- m is the mass of any physical quantity (kilogram (kg))
- T is time in Seconds (s)
- E is the Energy in Joules (J)
- The physical constant ϵ_0 (pronounced as "epsilon nought" or "epsilon zero"), commonly called the vacuum permittivity, permittivity of free space or electric constant or the distributed capacitance of the vacuum, is an ideal, (baseline) physical constant, which is the value of the absolute dielectric permittivity of classical vacuum.
- Its CODATA value is $\epsilon_0 = 8.8541878128(13) \times 10^{-12} \text{ F}\cdot\text{m}^{-1}$ (farads per metre), with a relative uncertainty of 1.5×10^{-10} .
- It is the capability of an electric field to permeate a vacuum. This constant relates the units for electric charge to mechanical quantities such as length and force.
- Relative permittivity is typically denoted as $\epsilon_r(\omega)$ (sometimes κ , lowercase kappa) and is defined as $\epsilon_r(\omega) = \frac{\epsilon(\omega)}{\epsilon_0}$
- where $\epsilon(\omega)$ is the complex frequency-dependent permittivity of the material, and ϵ_0 is the vacuum permittivity.
- Relative permittivity is a dimensionless number that is in general complex-valued.
- The relative permittivity of a material for a frequency of zero is known as its static relative permittivity.

- Relative permeability, denoted by the symbol μ_r , is the ratio of the permeability of a specific medium μ to the permeability of free space μ_0 :
- In physics, the fine-structure constant, also known as Sommerfeld's constant, commonly denoted by α (the Greek letter alpha), is a fundamental physical constant characterizing the strength of the electromagnetic interaction between elementary charged particles. It is a dimensionless quantity related to the elementary charge e , which characterizes the strength of the coupling of an elementary charged particle with the electromagnetic field, by the formula $4\pi\epsilon_0\hbar c\alpha = e^2$. As a dimensionless quantity, its numerical value, approximately $1/137$, is independent of the system of units used.
- When the other constants (c , h and e) have defined values, the definition reflects the relationship between α and the permeability of free space μ_0 , which equals $\mu_0 = 2h\alpha/c e^2$. In the 2019 redefinition of SI base units, $4\pi \times 1.00000000082(20) \times 10^{-7} \text{ H}\cdot\text{m}^{-1}$ is the value for μ_0 based upon more accurate measurements of the fine structure constant.
- In electromagnetism, permeability is the measure of the resistance of a material against the formation of a magnetic field, otherwise known as distributed inductance in transmission line theory. Hence, it is the degree of magnetization that a material obtains in response to an applied magnetic field. Magnetic permeability is typically represented by the (italicized) Greek letter μ . The term was coined in September 1885 by Oliver Heaviside. The reciprocal of magnetic permeability is magnetic reluctivity.
- In SI units, permeability is measured in henries per meter (H/m), or equivalently in newtons per ampere squared ($\text{N}\cdot\text{A}^{-2}$). The permeability constant μ_0 , also known as the magnetic constant or the permeability of free space, is a measure of the amount of resistance encountered when forming a magnetic field in a classical vacuum. Until 20 May 2019, the magnetic constant had the exact (defined) value $\mu_0 = 4\pi \times 10^{-7} \text{ H/m} \approx 12.57 \times 10^{-7} \text{ H/m}$.
- On 20 May 2019, a revision to the SI system went into effect, making the vacuum permeability no longer a constant but rather a value that needs to be determined experimentally; $4\pi \times 1.00000000082(20) \times 10^{-7} \text{ H}\cdot\text{m}^{-1}$ is a recently measured value in the new system. It is proportional to the dimensionless fine-structure constant with no other dependencies.

$$\vec{v} = \sqrt{\vec{v}_\mu} \times \sqrt{\vec{v}_\epsilon} \hat{z} \text{ m/s} \rightarrow \text{Absolute velocity,}$$

$$\text{where } \vec{v}_\mu = \frac{1}{\mu} \hat{x} \text{ m/s} \rightarrow \text{Magnetic permeability velocity}$$

$$\vec{v}_\epsilon = \frac{1}{\epsilon} \hat{y} \text{ m/s} \rightarrow \text{Electric permittivity velocity}$$

- The Origin of Nano lies in the secret of velocity of light, as we all know Velocity of light $\vec{c} = \left(\sqrt{\frac{1}{\mu_0}} \hat{x} \times \sqrt{\frac{1}{\epsilon_0}} \hat{y} \right) \hat{z} \frac{m}{s} = 3 \times 10^8 \hat{z} \frac{m}{s}$.
- So $\sqrt{\mu_0} \hat{x} \times \sqrt{\epsilon_0} \hat{y} = 3.33 \times 10^{-9} \hat{z} \frac{s}{m} = 3.33 \hat{z} \text{ ns/m}$ (nano second per meter).
- Hence reaction time per meter for nano sized particle is $1/c = 3.33 \times 10^{-18} \text{ second} = 3.33 \text{ attosecond}$.
- Hence nano particles of size 3.33 nano meter possess entire different character to their macro size particles that is to say nano particles behave differently to the electrical and magnetic field and are highly dynamic in nature.

- Behave as if they possess sense as compared to their higher sized. So to create sense one needs to go to nano sized.
- In the medium like water available in plenty in ocean where all the life forming elements are available in nano size.
- Any single photon will create sense in nano sized carbon and water available in the Ocean behaving sensibly to the photon being absorbed.
- Life originated first in the ocean and this is also evident from the Vedic literature available in the Hindu mythology that the first incarnation of Lord Vishnu is Pisces that is fishes started life and with evolution life moved from ocean to the land because life.
- Soul is always dynamic and in search of its cause so once moved to the land due to the oceanic tides occurring due to the moon and sun gravitational field and due to the rotation of earth on its axis called as churning of ocean to get all then 14 jewels from the ocean.
- Unit of μ and ϵ are till date defined as Henry per meter and Farad per meter.
- But after discovery of “ORIGIN OF NANO” now defined as Second per meter.
- Thus the whole units of each physical quantity now can be summarized as

TIME	SECOND (s)
LENGTH	METER (m)
PLANCK CONSTANT	SECOND SQUARE (s^2)
ENERGY	SECOND (s)
POWER	DIMENSIONLESS
PRESSURE	SECOND PER METER CUBE (s/m^3)
VELOCITY	METER PER SECOND (m/s)
MASS	CUBIC SECOND PER METER SQUARE ($\frac{s^3}{m^2}$)
CHARGE	SECOND
POTENTIAL	DIMENSIONLESS
CURRENT	DIMENSIONLESS
INDUCTANCE	SECOND (s)
CAPACITANCE	SECOND (s)
RESISTANCE	DIMENSIONLESS
FORCE	SECOND PER METER (s/m)

TEMPERATURE	KELVIN
VOLUME	METER CUBE (m^3)
AREA	METER SQUARE (m^2)
ACCELERATION	METER PER SECOND SQUARE (m/s^2)
DENSITY	CUBIC SECOND PER SQUARE METER PER CUBE ($\frac{s^3}{m^5}$)
ELECTRIC FIELD	PER RADIAN METER (m^{-1})
FREQUENCY	PER SECOND (s^{-1})
MAGNETIC FIELD	SECOND PER RADIAN METER SQUARE (s/m^2)
ANGLE	RADIAN

Proof from Astrophysics

Consider the atomic model an electron circulating the nucleus containing proton i.e. Hydrogen atom model. There are two attractive forces i.e. gravitational attraction because of masses of proton, electron and the coloumb attraction because of opposite charges of the two particles. These forces are balanced by the centrifugal force because of the revolution of electron around the proton viz.

$$m_e v^2 / r = G m_p m_e / r^2 + e^2 / (4\pi\epsilon_0 r^2)$$

$$\because I = -e/t; t = 2\pi r / v; H = I / 2r \Rightarrow v = -4\pi H r^2 / e$$

Substituting all this into force equation one obtains

$$H = \pm \left[\frac{G m_p e^2}{16\pi^2 r^5} + \frac{e^4}{64\pi^3 \epsilon_0 m_e r^5} \right]^{1/2}$$

$$r = \left[\frac{G m_p e^2}{16\pi^2 H^2} + \frac{e^4}{64\pi^3 \epsilon_0 m_e H^2} \right]^{1/5}$$

Where H is the magnetic field intensity. The above two equations show that H is not only the consequence of current but also the mass of the two particles play role. Now using similarity of above model for the universe replacing the mass of proton with the mass of GOD at the centre of Universe and mass of electron as mass of the Universe circulating around it having single positive and negative charge respectively one obtains

$$H = \pm \left[\frac{GM_{GOD}e^2}{16\pi^2 r^5} + \frac{e^4}{64\pi^3 \epsilon_0 M_{UNIVERSE} r^5} \right]^{1/2}$$

$$r = \left[\frac{GM_{GOD}e^2}{16\pi^2 H^2} + \frac{e^4}{64\pi^3 \epsilon_0 M_{UNIVERSE} H^2} \right]^{1/5}$$

Since Astrophysics has proved the existence of constant magnetic field in the Universe and has also measured to be about 10^{-13} Tesla. So by knowing the masses we can determine the distance of GOD from the Universe.

$$H = \pm \left[\left(\frac{Ge^2}{16\pi^2 r^5 c^2} \right) E_{GOD} + \left(\frac{e^4 c^2}{64\pi^3 \epsilon_0 r^5} \right) \frac{1}{E_{UNIVERSE}} \right]^{1/2}$$

$$\left(\frac{H}{D} \right)^2 = \left(\frac{G}{c^2 r} \right) E_{GOD} + \left(c^2 r F_{Elect} \right) \frac{1}{E_{UNIVERSE}}$$

$$D = e / 4\pi r^2 \text{ \& } F_{Elect} = e^2 / 4\pi \epsilon_0 r^2$$

PROOF FROM META PHYSICS

Meta Physics is that branch of physics which deal with the spritiual part of life. Here we would like to quote few verses from Shri MadBhagwad Gita, a holy book of Hindu mythology which is supposed to give all the guidelines for humanity and is accepted across whole the globe viz.

Chapter 2: Contents of the Gītā Summarized

TEXT 22

*vasamsi jirnani yatha vihaya
navani grhnati naro 'parani
tatha sarirani vihaya jirnany
anyani samyati navani dehi*

TRANSLATION

As a person puts on new garments, giving up old ones, similarly, the soul accepts new material bodies, giving up the old and useless ones.

PURPORT

Change of body by the atomic individual soul is an accepted fact. Even some of the modern scientists who do not believe in the existence of the soul, but at the same time cannot explain the source of energy from the heart, have to accept continuous changes of body which appear from childhood to boyhood and from boyhood to youth and again from youth to old age. From old age, the change is transferred to another body. This has already been explained in the previous verse.

Transference of the atomic individual soul to another body is made possible by the grace of the Supersoul. The Supersoul fulfills the desire of the atomic soul as one friend fulfills the desire of another.

The verse is—

कर्मण्येवाधिकारस्ते मा फलेषु कदाचन।

मा कर्मफलहेतुर्भूर्मा ते सङ्गोऽस्त्वकर्मणि॥ २-४७

In Roman scripts—

Karmanyē vadhikaraste Ma Phaleshu Kadachana,
Ma Karmaphalāheturbhurma Te Sangostvakarmani

The meaning of the verse is—

You have the right to work only but never to its fruits.

Let not the fruits of action be your motive, nor let your attachment be to inaction.

- Electrical force can accelerate or decelerate the charge particles
- Magnetic force is to only change the direction of charge particle, also note that it is the Electrical field that is the cause of Magnetic field.
- We relate the Karma as the Electric force and the luck as the magnetic force which is the result of karma or Electrical force.
- We have only right to work and hence not in the result because result or luck is the consequence of it.
- The soul changes body as we change clothes so the karma done in previous life is converted into luck in its new life.
- One can be expressed into complex number hence the person will have magnitude and phase. So the magnitude represent the maximum work one can carry out then the phase of that number is basically the desires of a person or we can righteously say this “as conciousness of person”.
- One has to control over one’s conciousness via the five sense organs but both the work or the amplitude and the phase are functions of time and space. This is the reason every person is affected by the whole universal phenomenon conciously or unconsciously.
- Internal force is the driving force that causes action, this is universal fact accepted by theist or atheist .
- Two needs that drive the life firstly the biological and secondly psychological.
- One’s action is purely a reflection of these needs.
- The limit of this conciousness is Salvation or Moksh. Understanding this by more methodological and scientific approach will put a final stamp on End of Physics.

With this goal again we comeback on person being represented by a complex function in which one amplitude as well as phase is function of space and time, since we are assumed to be a journey hence frequency and the propogation constant is also evolving with the time and space assumed to be complex i.e.

$$\omega = \omega_r + i\omega_i, k = k_r + ik_i$$

$$\text{phasevelocity}, V_p = \omega / k; \text{groupvelocity}, V_G = \partial\omega / \partial k$$

$$\text{where}, V_p V_G = c^2$$

$$\text{Substituting, } \frac{(\omega_r k_r + \omega_i k_i)}{(k_r^2 + k_i^2)} \frac{\left(\frac{\partial k_r}{\partial \omega_r} + \frac{\partial k_i}{\partial \omega_i} \right)}{\left(\left(\frac{\partial k_r}{\partial \omega_r} \right)^2 + \left(\frac{\partial k_i}{\partial \omega_i} \right)^2 \right)} - \frac{(\omega_i k_r - \omega_r k_i)}{(k_r^2 + k_i^2)} \frac{\left(\frac{\partial k_r}{\partial \omega_i} - \frac{\partial k_i}{\partial \omega_r} \right)}{\left(\left(\frac{\partial k_r}{\partial \omega_i} \right)^2 + \left(\frac{\partial k_i}{\partial \omega_r} \right)^2 \right)}$$

$$+ i \left(\frac{(\omega_i k_r - \omega_r k_i)}{(k_r^2 + k_i^2)} \frac{\left(\frac{\partial k_r}{\partial \omega_r} + \frac{\partial k_i}{\partial \omega_i} \right)}{\left(\left(\frac{\partial k_r}{\partial \omega_r} \right)^2 + \left(\frac{\partial k_i}{\partial \omega_i} \right)^2 \right)} + \frac{(\omega_r k_r + \omega_i k_i)}{(k_r^2 + k_i^2)} \frac{\left(\frac{\partial k_r}{\partial \omega_i} - \frac{\partial k_i}{\partial \omega_r} \right)}{\left(\left(\frac{\partial k_r}{\partial \omega_i} \right)^2 + \left(\frac{\partial k_i}{\partial \omega_r} \right)^2 \right)} \right) = c^2$$

From here we come to conclusion that indeed that speed of light is not real but a complex quantity which instantly reveals that indeed understanding GOD is beyond the realm of Physics. Electromagnetic radiations travel in spiral formation in x-y plane in straight line like flow in a tube of photonic radius but along z-direction.

Proof from Bio-physics

Bio Physics has emerged as a major field in modern world by our great founder of Quantum Physics Erwin Schrodinger who Said What is Life? It is now playing great role in the concept of soul-body i.e. energy-matter interaction

Through this one can determine the gender of new born

There are two types of energy as explained previously:

1. Positive energy or male soul
2. Negative energy or female soul

Gender of child is determined by the chromosome pair i.e XX and XY

XX is for female and XY is for male.

Triggering is basically the moment of soul entering the body i.e. interaction of matter and energy in case of life.

In reproduction it is actually mating of male and female leads to formation of another life depending upon the following chart:

In this triggering mechanism the pictorial represents how new soul enters into body.

The information carried in soul from past lives i.e. from one's work in the past lives then directs the behaviour and development of embryo in the mother's womb .

There can be 4 possibilities:

- If there occurs female soul triggering, then it will lead to XX formation.
- If there occurs male soul triggering, then it will lead XY to formation.
- If the female soul triggers the XY formation, then it results to third gender.
- If the male soul triggers the XX formation, then it results to third gender.

Which is quite evident from the all three genders found on the globe. Now variety in the physiological appearance of human race is the sole result of their geographical locations and their habitat which is responsible for different cultures prevailing across the globe.

Hence the ultimate goal of human race is salvation

It is only possible when the positive soul meets the exact negative soul leading to their salvation with a result in the form of their off springs for their souls to achieve salvation. Hence this is the reason of creation of universe by GOD.

Administrative responsibilities for

SMART HYBRID ENERGY SYSTEMS using Astrological-Techno-Commerce

1. Establishment of SMART GRIDS for both Power & Communication for whole Earth.
2. SMART TRANSPORTATION for GOODS & PEOPLE "24 X 7" without any obstacles.
3. Unique coding of each Human based on their DNA testing to know their exact birth details for generating Astrological chart (kundali) for Quantum Computing.
4. To establish the best FOOD-CHAIN NETWORK for co-existence of all Life-Forms.
5. To recycle all the waste into reusable Organic fertilizers for Zero Green House Gases Emission.

References

1. Effect of Magnetic Field Tapering on Whistler Pumped Free Electron Laser”, Manish Kumar, AIP Advances 9, 025207 (2019); <https://doi.org/10.1063/1.5064751>.
2. Kumar M (2017) Atomic energy as well as gravitational energy is another form of electrical energy. JMSS 6 (2016):56-61.
3. Kumar P, Kumar M & Tripathi V K (2016) Liner mode conversion of THz surface magnetoplasmons on a rippled surface of magnetized n-InSb. Optics Letters Vol 41 no 7:1408-1411.
4. Kumar M (2016) God doesn't play dice. IJSER vol 7 issue 1, January 2016 edition.
5. “What is Life?” Erwin Schrodinger, ISBN 978-1-107-60466-7, Cambridge University Press, The Edinburgh Building, Cambridge CB2 8RU, UK.
6. Parashara Software Pvt. Ltd., H13, Chitrangan Marg, ‘C’ Scheme, Jaipur 302001, Rajasthan, India. Email: indiasales@parashara.com; Internet: <http://india.parashara.com>; Tel: (0141)2364129,2362084; Fax: (0141) 2373696.
7. Google images:
https://www.google.com/search?safe=active&rlz=1C1CHZL_enIN824IN825&biw=1366&bih=576&tbm=isch&sa=1&ei=69ocXbaMHsi89QPayIGQCg&q=van+allen+radiation+belt&oq=van+alle&gs_l=img.1.1.013j0i67j0l6.233686.237921..240459...0.0..3.268.2588.0j8j5.....0....1..gws-wiz-img.....0.AaBJ_5Tky7Q