Thoughtonics

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Abstract: *Thought experiment had been used by many a scientists including Einstein to many a grand success. Thoughtonics uses the same lavishly. Nobody cared even to define thought, let alone develop the theory of thought that Thoughtonics does. Two signals viz., thought and phase velocity may attain any and every velocity including 0 and faster than light. We know in Einsteinian that universe starts with big bang, at least at 10^{-43} second from big bang there is 10^{28}ev energy. Question is, "Where from did this kind of energy come?" Also there are many other questions and contradictions involved in Relativity and Quantum Physics. Thoughtonics attempts to give an alternative theory that encompasses above both theories and is stand-alone too.*

Keywords: Thought, emotion, Action, eTendency, eMotion, eVelocity,eAcceleration, Attitude $A=EB^2$ Incubation, Shunyat (zerot) Primitive Thoughtot, eGraviton, pGraviton, Thoughtorgy by Potenctical-Particle, Biggest Bang, Multiverses of A, B, iA, iB universes, Infinity of Multiverses makesSuper-universe. Lowest Absolute/Highest Absolute temperatures - two barriers. Infinity defined, incubation interaction defined and Postulates of Thoughtonics

1. Introduction

Mass-Energy is one and the same thing. Space-time is also one, so space could be changed into time and vice-versa. Laws of Nature or Physics are invariant. Even the laws by which living beings function and are born/die could be considered invariant. Electricity and magnetism are also one and the same thing viz., electromagnetism. Shouldn't Mass-energy, space-time, laws of nature (mestl), gravitation, electromagnetism all be one and the same thing? (I claim gravitation born out of mass could be easily explained by Thoughtonics). And they (mestl) are all born out of the same thing viz, the thought?

At sub-atomic particle level, at extreme high speeds of waves or galaxies, things become uncertain! Why? Aren't we ignoring some variables or axes (apart from 4 of space-time) in connecting the four – mass-energy, spacetime, laws of nature and thought together?(gravitation and electro-magnetism do exist under head 'energy' only) More we learn about nature, more we come to unity. The Ultimate is the unity of all these four and that explains everything.

2. Some Definitions

1) **Thought:**-It is the absolute truth and even inverse of truth. Unit- bit; Dimensions of thought= [**B**] where B=thought.
2) **eVelocity/thoughtability:-**The rate of transfer of data (rate of download of data) from one intelligent machine to anotheris called eVelocity, also known as thoughtability, whose unit is bit/sec
3) **Threshold eVelocity of a thought:**-It is the eVelocity of thought, say p bit/sec. of a protein that is non-living and p+1 bit/sec makes it a living being. It is different for different living cells, hence different genes in different living-beings or specialised cells in the same living being are formed.
4) **Emotion:-** In a living being (or a living cell) the eVelocity of thought more than threshold eVelocity gives the emotion to the cell.
   Emotion=Thought/time, i.e., eVelocity more than threshold is emotion.
   Unit of emotion=bit/sec
   Dimension of thought =[B/t],B=thought , t=time

So emotion is extension and part of eVelocity/ thoughtability

5) **e Tendency:-**It is the product of thought and its eVelocity i.e., eTendency=Thought x eVelocity of this thought
   = Thought x [emotion + thoughtability] Unit of eTendency = bit^2/sec,Dimension= $[B^2 t^{(-1)}]$
   eTendency is the capacity to create.
6) **Attitude:**- It is the product of a thought and its eTendency to create a living –being. i.e., Attitude=thought x eTendency =thought x thought x [emotion +thoughtability]
   For living, Attitude= emotion x (thought $)^2$,if we ignore thoughtability (a very small amount=0)Unit of attitude = bit^3/sec Dimensions of attitude= $[B^3/t]$ = $[B^3 t^{(-1)}]$
7) **Creativity:**-It is the equivalent of action and is on axis of action-reaction. Capacity of creativity= eTendency. Creativity andeTendency are analogous to work, energy respectively.
8) **Laws of Nature;**-The rules or laws in a universe that are invariant (so hard that they cannot be broken/cracked) between sub-atomic and galaxies moving at speed of light 'c' except by creativity.

Derivation of $A = EB^2$

Let $A \propto E^a B^b$
Where A=Attitude, E=Emotion, B= thought, then
Dimensions of L.H.S. = Dimension of A
$= [t^{(-1)} B^3)]$
Dimensions of R.H.S. = $[Bt^{-1}]^a [B]^b = [t^{-a} B^{b+a}]$
Now dimensions of L.H.S. = dimensions of R.H.S.
i.e., $[t^{(-1)} B^3] = [t^{-a} B^{b+a}]$
$\therefore$ a = 1 and b+a = 3
$\therefore$b+a =3$\Rightarrow$ b = 2.
Putting 'a' and 'b' and taking constant of proportionality, k=1, we have,
$A = E B^2$

Zero and Infinity

Positive and negatives are mutual additive inverses in numbers and zero is a barrier between them. But zero has no multiplicative inverse. The concept of infinity or minus infinity comes thereby. Infinity is not finite. But an almost zero of one may be infinity of another. I define it as follows:

Infinite Definition

In calculus concept of infinity and minus infinity is there. How can we study infinity? Can it attain some definite value? 'How can the concept of indefinite/infinite be definite?' - I asked! But then I compared myself (monetarily) with a very rich Indian like Tata, Birla, Modi, MukeshAmbani- may be their daily pocket money is more than whole of my budget. Then what is it as compared to 'a below poverty line Indian's family budget'? The pocket money of a very rich Indian may be many times bigger than such an Indian. I mean a few Lakhs of Rupees may be infinite for a very poor Indian but around/almost zero for a very rich person, as he may spend this kind of amount in a few minutes.

Let a 'universe' (it can be something from primitive thoughtot to A or B universe) that sustains itself by range [m, m+a[of its constituents, like Primitive Thoughtot P([1]) is created by its "infinite definition" number of Shunyats Z([0]) by
P([1])= Z([0])+ Z([0])+ Z([0])+………………infinity
A potential particle PP(0), the fundamental particle of thoughtorgy is constructed by P([1]) as follows:-
PP(0)=P([-1]).P([1]) = P([1]).P([-1])
Or similarly other elementary particles are born.

Positive-Negative And Attractive-Repulsive

The majority of thoughtots which create Universe A are positive and majority of those which create Universe B are negative.

Laws of attraction-repulsion between two types of thoughtots are as follows:
1) Like (e.g., positive-positive or negative-negative) Thoughtots attract each other.
2) Unlike(e.g., positive-negative) Thoughtots repel each other.

Laws of attraction-repulsion may seem contradicting to such laws in electricity and magnetism or to some others too, especially to the uninitiated in Thoughtonics. But remember humans and other living beings get attracted to thoughts which they are inclined to accept, find stylish, better or to their own taste. However even these Laws have their limitations as we shall see later. In fact, in a nucleus a similar situation exists.

Incubation, the most fundamental Interaction

Fundamental Law of Incubation

EachShunyat, wave, particle or thought/thoughtot produces its own inverse as it sees its own image in itself.
All Multiverses& its anti-Multiverses decay into Primitive Thoughtot& its inverse respectively at Biggest Crunch. These Thoughtots however do retain logic-antilogic and Inflation-Deflation with them and all other laws of nature, mass-energy, space-time are vanished.Retained logic-antilogic& Inflation-Deflation consist of dot-gap.Theylose their dot at biggest crunch so that even these two laws are no more there and giveShunyat.

What is Shunyat? What is the difference between Shunyat and Primitive thoughtot? First, Thoughtot is a packet (of Thought) representing 1 whereas Shunyat is true 0 thought wherein even two last laws of nature retained with Primitive Thoughtot are gone and we have massenergy-less, spacetime-less and without any law of nature, a true 0 or a point finally. I represent this (original) Primitive Shunyat by $Z_0([0])$ which creates everything .

Incubation of Shunyat follows from 'Its ability to see its image in itself to produce its own inverse Z([-0]). The two repel one another so that spacetime is born. Z([-0]) creates its own inverse viz., Z([0]) which is attracted by other Z([0]). The Shunyat and inverse Shunyat keep creating Z([-0]) and Z([0]) respectively. All Z([0]) cluster/collect in one place by attraction and so do Z([-0]) till any has infinite numbers and givesP([1]) or P([-1]), the Primitive Thoughtot and its inverse by
Z([0])+Z([0])+Z([0])+................infinity=P([1]) or
Z([-0])+Z([-0])+Z([-0])+.......................infinity=P([-1])
These are illogicities of type
0+0+0+...........................infinity=1
and -0-0-0-..........................infinity=-1
or 0xinfinite=1
and -0xinfinite=-1

These illogicities 'see their own image in themselves to give their inverses' i.e., Incubation of illogicity gives rise to the logic-antilogic.

The attraction between like ShunyatZ([0]) again 'sees its own image in itself' to produce repulsion so that Inflation-deflation are born and they are used by P([1]) and P([-1]) to produce Multiverse and its Inverse whose infinity together will be called Super-universe by me.

eMotion, eTendency, eVelocity, more definitions

Definitions
1) **eMotion:**- The rate of transfer of data from one intelligent machine (e.g., a computer, a living being etc.) to another is called eMotion. Its unit is bit/sec.
2) **eVelocity:-** The rate of transfer of thought (data = awareness) per unit time is called eVelocity or thoughtability.
   i.e., eVelocity = transfer of thought per unit time =dB/dt= thoughtability
3) **eTendency:-** Capacity of a thought to create (by eMotion)is called its eTendency.e.g.
   - When I transfer data from my laptop to my pen-drive (or vice-versa) I create a capacity to create (deflated space-time) in my pen-drive. Using a printer (another relevant intelligent machine) I can create a print-out of concerned file-"the space-time is created on paper in two dimensions by data heldby pen-drive."
   - Teaching a student, typing on a computer are other examples of creating eTendency by eMotion.
4) **eAcceleration:-** The rate of change of eVelocity per unit time is called eAcceleration. i.e., eAcceleration = transfer of eVelocity per unit time = d^2B_e/dt^2
   = dVe/dt

More Definition/ Math

1. eGraviton:- P([1)]). 2P([-1)])=eGraviton (giver of e⁻ =eGr)

2P([1]).P([-1])=pGraviton(giver of e⁺=pGr)

2. eGr.nP([1])=elecGr n=e- =electron

pGr.nP([-1])=posiGr n=e+=positron

3. e⁺ + e⁻ = n Gama Photons

the above reaction is reversible too.

Equations of eMotion:-

Let Bi= initial thought content; Bf=final thought content

Ve= initial eVelocity; Vf=final eVelocity

Ae= eAcceleration; t=time

1. Bf = Bi+Be t

Proof: eVelocity, Ve= change in data per unit time

Ve = (Bf -Bi)/t

i.e., Bf =Bi +Ve t

2. Vf =Ve +Ae t

eAcceleration = change in eVelocity per unit time

Ae = (Vf -Ve)/ t

 i.e., Vf =Ve +Ae t

3. The rate of difference of eVelocity of a data flow to the difference of data transfer (=awareness) at any moment of time

 =Ae/Ve

i.e.

dVe/dT=(Vf-Ve)/(Bf-Be)=Ae/Ve=(1/Ve)(dVe/dt)

Proof : We have from (1)

t=(Bf-Be)/V ,putting in (2) we have

Vf-Ve=Ae(Bf-Be)/V

Or (Vf-Ve)/ (Bf-Be)=Ae/V =dV/dT=(1/Ve)(dVe/dt)

Two Absolute Temperatures-Lowest and Highest Temperatures

The two absolute temperatures define the boundaries of a universe.

The warping in spacetime is caused by temperature too like that by gravity,

The space-time is shaped by gravity's warping it, as eGravitons attract P([1]) creating space-time. Some of the Shunyat of P([1]) from [m, m+a[are pulled by eGravitons and that causes warping in space-time.

Two types of gravitons formed by

2P([1]).P([-1]) = eGraviton (eGr)

P([1]).2P([-1]) =pGraviton (pGr)

Which later combine to give lepton pairs and subsequently Photon by

2eGr.pGr =e⁻= electron

2pGr.eGr =e⁺ = positron

Then

e⁺ + e⁻ =n. Photon +r.PP(0) where r=n-1, n-2,…n/2and PP(0)= P([-1]).P([1])

the above reaction is reversible and responsible for creation of energy and matter in a universe.

Moreover repulsion (locally) between eGr and pGr gives fluctuations in spacetime.

More definitions

Lim eGr(n) = Outermost points of a universe as n tends to infinity

Lim pGr(n) = point of big bang of that universe as producer of pGr as n tends to minus infinity.

Lim Photon(n)= Highest Temperature of universe as n tends to infinity.

Lim Photon(n)= Lowest Temperature of universe as n tends to minus infinity .

Let [A₁, Aₕ] be the range of lowest to highest temperature of a universe A then

[-Aₕ, -A₁] is the range of A's associated universe B in a Multiverse. The two A and B see their own images to each gain their shadows in themselves as iA and iB respectively.
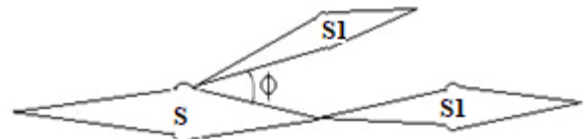
Postulates of thoughtonics

1) a) Zerot's Postulate: Each thoughtot P([1]) or P([-1]) is created by Shunyat Z([0]) or Z([-0]) respectively by incubation and infinite definition of the universe as follows

P([1])= Z([0])+ Z([0])+ Z([0])+…….. P([-1])= Z([-0])+ Z([-0])+ Z([-0])+……..

b) Fabrics of Space, phase and time:-When a Shunyat and its inverse create one another, or are at an angle they create space by Space= Z([-0])-------Z([0]), or Z([0])---------Z([-0])

c) phase x time=space

Figure

d) Incubation of phase creates time i) future in forward direction and ii) past in the backward direction.

2) Potencial Particle:-it is particle of thoughtorgy (potential energy) created by

P([(1)].P([-1)]= Potencial Particle, PP(0) = P([-1)]. P([1)]

3) Tensor field postulate:-To an isolated infinite cluster of P[(1)] or P[(-1)] there is an associated tensor field of universe A or B respectively by

P([1])+ P([1]) + P([1])+…………..infinity = cluster with tensor field creating A

P([-1])+ P([-1]) + P([-1])+……..infinity= cluster with tensor field creating B

4) Creation of heat light electricityby PP(0) to be givenby 4ᵗʰ postulate later.

5) Two absolute temperatures in every Universe:- Every cluster of P.T.'s with associated tensor field and due to PP(0) will give two absolute temperatures, one highest in A and other lowest in iA in which cluster sustains.

3. Applications of thoughtonics

The possible applications of thoughtonics are as follows:-

1) We can study emotions and psychology, social behaviour science can be made a perfect physical science.
2) We can apply it in improving and inventing/ patenting psycho-somatic medicines. Psycho-hospitals can be improved beyond imagination.
3) Thoughtonics solves unanswered questions of physics and makes manycontributions to the physics, chemistry, biology and mathematics of future.
4) It is only foreseeable tool to study antimatter/anti-universe. 5) It can be used to give a thoughtonics jump (so called) to computers' speed.
5) The future craft –the thoughtcraft that works at a speed of thought can be made and used for galaxies' and universes'/anti-universes' voyages, that takes us physically there and speed is not a hindrance anymore. 7) It can be used for creating artificial emotions, giving fillip to survivability of living beings ultimately giving\creating emotions in dead cells and achieving greatest aim of human race of being immortal. (Impossible?) Nay, it is a word in the dictionary of fools and not of thoughtonics' scientist)