

Science of Time and the Theory of Everything

Bhousaheb D Bhosle

G-11, Guruvihar Residency,

Shukrawarpath, Near Badami Well, 415002 Maharashtra India

Abstract:- "Science Of Time And The Theory Of Everything" By Author Bhousahebbhosle Includes $E=Mc^2$ And $E=Mf^2$ How "Time" Is Involved In The Sub-Atomic Particles As "Forms Of Time Of Invisible Shape". What Is The Difference Between Energy And Mass. What Is Stable Mass As The Form Of Energy. Strange Attractors, Memory And Times Arrow And The Order From Chaos. The Working Principle Of The Hologram. Space Time Energy Mass Oscillating Dynamics Determined By The Degrees In Seconds Of Longitudes And In Minutes Of Latitudes.

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I. INTRODUCTION

The Following Subjects Are Explained In The Present Papers.

1. How "Time" Is Involved In The Sub-Atomic Particles As "Forms Of Time Of Invisible Shape".
2. What Is The Difference Between Energy And Mass.
3. What Is Stable Mass As The Form Of Energy.
4. What Is Real Mass.
5. Paradox The Necessity For The "Conscience Observer" For The Existence Of The Sub-Atomic Particles (Not Influence).
6. $E=Mc^2$ And $E=Mf^2$
7. Universal Constants Of Time.
8. New Approach To The Grand Unification Theory.
9. Galactic System As A Closed Thermodynamic Entropy.
10. Order In Chaos.
11. Strange Attractors, Memory And Times Arrow And The Order From Chaos.
12. Relation Between Electromagnetism And Gravity.
13. "Critical Phenomenon" By Which Super Gravity Explodes Through A "Sudden Phase Change" Of The Thermodynamic Entropy Of The Galactic System In The Black-Hole.
14. Big-Mind, His Memory, His Thought, His Word And His Events As Mythologies.
15. The Working Principle Of The Hologram.
16. Light And Sound As A Hologram.
17. Mind As A Hologram.
18. "Big-Mind" As The Galactic Hologram.
19. "Chaos Of Syllable."
20. Order In The "Chaos Of Syllable."
21. "Word" As A Hologram.

Our Mathematics Is Advanced But Only On Our Time-Scale. Describing Sub-Atomic Particles By Raising Ten To Minus Twenty Five Or Minus Thirty Five Is All Non-Sense. It Will Only Give The Size Of The Sub-Atomic Particles. Micro-World Of The Sub-Atomic Particles, Is A Different World. It Is A Dynamic World. There Are No Fixed Sizes And Shapes. It Is The World Of Change, Movements, Vibrations, Half Spin, Full Spin, Oscillations Etc. To Go Into The Micro-World Of Sub-Atomic Particles We Have To Use Different Parameters Of Movements (Energy) Of Space - Time Constants. Half Spin Of The Fermion (Neutrino) Will Be The Same In Time And Space Throughout Cosmos. One Integer Spin Of The Boson (Photon) Will Be The Same In Time And Space Throughout The Cosmos And So On. These Seem To Be The

Universal Constants Of Surya Siddhanta Through Which They Have Raised A Mathematical Pyramid To Explain The Immortality Of The Galaxies Through The Burst Of The Black-Holes Into Which The Galaxies Collapse. Who Will Believe That Surya Siddhanta Seems To Have Already Solved Mathematically The Grand Unification Theory Of The Basic Forces Of Nature And That Too On Three Different Planes Of Mind, Matter And Truth (Time) Simultaneously In Simple Numbers. How They Have Raised The Energy Of Movements Of Space-Time Sub-Atomic Particles Through The Three Basic Forces Of Nature (Weak, Strong And Atomic) To Form Atoms And Molecules On Galactic Plane To Describe Mathematically The Life-Cycles Of The Galaxy Through The Burst Of The Black-Hole Is A Mystery. From The Glimpses Of What Can Be

Understood, It Seems They Have Done It. There Does Not Seem To Be Any Doubt In What They Say. The Mystery Is In The Code And The "Word Is The Code".

Join With Each Other They Form A Primary Boson With One Integer Spin Where There Will Always Be A Part Of The Two Oscillating Primary Fermions With Plus Zero Mass. Therefore Primary Boson Has A Very Small Stable Mass. When The Primary Boson Escapes From Matter (In Friction, Fire Or Accreting Matter) It Is Converted Into Energetic Stable Form As A Photon. This Statement Will Not Be Readily Accepted By The Physicists But This Is The Only Conclusion Because Photon Must Have A Place In The Energy System Of The Atom And It Is Massless And Chargeless, It Cannot Be Beyond Massive Quark And The Charged Electron. It Has To Be The Energetic Stable Form Of Boson. In The Blackhole They Are The Suppressed (Collapsed) Energetic Bosons With Heavy Mass Compared To Their Reduced (Collapsed) Space As Super Dense Fluid Of Collapsed Photons (Or Collapsed Bosons). It Is The Angirasa. Agni Means Fire And Rasa Represents The Collapsed Fluid Of The Galaxy In The Black-Hole. When The Black Hole Bursts The Energetic Collapsed Bosons As Photons Break As Two Fermions With Opposite Half Spin Triggering The Burst. The Fermion Also Has An Energetic Stable Form As Nutrininos Which Form The Hallow As Covering Of The Galaxy Into Which An Expanding And Spinning Bosonic Cloud (Inside Which Heat Is Dissipated Due To Expansion) Collapses Into A Spinning Disc Of Material Galaxy. Though Nutrininos Oscillate Between Plus Zero And Zero Mass, They Will Have A Massive Effect On The Galactic Scale As A Cloud Forming The Hallow Covering The Galaxy. There Will Not Be Stars And The Collapsed Stars In The Hallow Covering The Galaxy. Similar To The Nutrino And The Photon, The Electron Is Also A Stable, Energetic And Distinct Form Where There Is No Real Mass (The Two Massive Quarks Are Stretched Due To Fast Spin). Real Mass And Its Energetic Stable Forms Are Different Manifestations Of Energetic Space Time Forms. In The Structure Of Proton, The Spin Of The Two Electrons

That Form The Proton Is Reduced Into Oscillating And Rhythming Energy States Where The Three Massive Quark Acquire The Stable Real Mass. Therefore The Real Mass Of The Dynamic Energy System Of The Atom Is In The Form Of The Three Massive Quarks Of The Protons In The Nucleus.

For Structure Of The Dynamic Energy System Of The Sub-Atomic Particles And The Atom Refer My Previous Papers.

The Above Explanation Shows That Boson Can Exist In Different Energy States And Since Energy And Mass Are Related The Boson Can Exist In Different States Of Mass. This Statement Is Very Important. Why The Lightest Stable Mass Particle (Boson) Seems To Be So Massive In The High Energy Particle Collusion Experiments And Also In The Black-Hole? How Can A Boson Which Is A Part Of The Colliding Proton Have A Mass Many Times The Mass Of The Proton Itself? This Is Because The Boson Shrinks (Its Space Of Space-Time Energetic Form Is Reduced) In The High Energy Experiments And Compared To Its Reduced Space Its Energy Content Is Increased In The Form Of The Fast Movement Of Space Because The Time Is A Constant That Never Changes And The Energy Is The Energy Of Movement Of Space In Time. This Is The Same Reason Why The Massive Quark Acquires Real Mass When The Vibrating Quark (Glue Ball, Pion) Which Is Made Of Interacting Bosons Is Suppressed As Massive Quark As Suppressed Spring Of Bosons (Refer My Previous Palers). This Is The Same Reason Why The Glueballs Seem To Be Heavy Particles In The High Energy Collusion Experiments Of Electron And Positron. In These Experiments The Particles Have Different Energy And Mass States And Can Change Their States And Can React Even With The Surrounding Energy Fields Forming New Unstable States

Of Mass And Energy And Their Reacting And Conversion Time Is Extremely Short. These Experiments Have Made A Mess In The Experimental And Theoretical Sciences.

To Describe All These Different Space-Time Energy States Of The Sub-Atomic Particles And Their Masses A New Equation Has To Be Followed Which Involves The Space-Time Parameters Of Energy Of Movement Of Space-Time Forms As The Sub-Atomic Particles.

The Equation $E=Mc^2$ Where "C" Is The Speed Of Light To Describe The Energy Of The Sub-Atomic Particles Has Taken The Scientists Into The World Of Paradoxes Through The Theory Of Relatively Because The Speed Of Light Is Two Dimensional Space-Time While The Sub-Atomic Particles Are Three Dimensional Forms Of Space-Time Energy. $E=Mv^2$ Where V Is The Velocity Of The Object And $E=Mc^2$ Where C Is The Speed Of Light Denote Physical Energy And Not Internal Energy Of The Mass.

How To Involve The Space-Time Parameter Of Energy Of The Sub-Atomic Particles Is The Real Question. If The Equation $E=Mc^2$ Is Rewritten As

$E=Mf^2$ Where F Is The Frequency Of Photon (Which Is An Universal Constant) When The Time Of Manifestation (Saguna Time) Is

Involved Which Has A Fixed Energy State In Three Dimensional Space And Time. Here “N” Is The Mass Which Can Be Written As Density (D) Per Volume Of Space (S) Occupied By It.

The Above Equation Becomes :

D

$E = \dots \times F^2$ In This Equation

S

F (Frequency Of Photon) Is An Universal Constant. D The Density Of Space-Time Energy Is An Universal Constant. S The Volume Of Space Occupied By The Photon Is An Universal Constant Therefore The Energy Of Photon Is An Universal Constant. The Equation Represents The Universal Constants For Photon. Here We Involve Time (Frequency Of The Movement Space In Time) With The Sub-Atomic Particle (Photon). This Equation Represents Free Energetic Photon (Not The Collapsed Energetic Photon In The Black-Hole).

Neither Electro Magnetism Nor Gravity Is The Basic Force Of Nature. Electro Magnetism Rules The Material Worlds, Manifested Worlds. It Is From The Beginning From The First Particles Of Energy Of Weak Forces Even Before The Manifestation Of The Electron Which Has A Stable Unit Charge. It Involves With The Evolution Of Matter. It Is A Secondary Force Manifesting With The Evolution Of Matter. Electromagnetic Is Also Induced Force And Not The Basic Force Of Nature. Electricity As Well As Magnetism Can Be Induced In Matter. Electron Is A Stable Energetic Energy System Of Interacting Space-Time Structure Of Weak And Strong Forces Whereby A Stable Unit Charge Is Induced. According To The Vedas, Electromagnetism Is “Maya” Which Means Love, Attachments Which Governs Material Worlds. This Maya (Love, Attachments) Of The Big-Mind Is Behind The Galactic Evolutions As A Whole Through The Sub-Atomic Particles As The Indriyas (Indra As A Whole) Or As The Brahmanos (Minds Of Brahmaa Or As Brahmaa As A Whole). With Universal Love And Understanding (Not

Individual) Our Mind Can Unite With The Big-Mind But This Is A Different Subject. Nothing Can Be Explained In The Last And Minutest Details Without Accepting The Presence Of The Big-Mind. How Can The Perfect And Symmetrical Designs And The Beautiful Colours Of The Butterfly’s Wings Or Peacock’s Feather Be Explained Through Natural Selection Or Fittest Survive Hypothesis Or Mutation, Or Molecular Evolution Or The Punctuated Evolution (Guided Or Unguided)? It Is Because The “Mind” Likes It, Maya Governs The Material Worlds. Recently Biologists Seem To Be Falling For The Punctuated Evolution. The Major Issue At Stake In Explaining Evolution Is The Short Time-Scale Of The

Evolution. Man Has Come On The Scene Very Fast And If Punctuated Evolution Is Given A Chance For The Minute Changes To Make What Man Is Today, It Would Take Infinite Time. Evolution On Earth By Chances And Accidents Is Out Of The Question. It Is Development Or Straight Away Creation By The Soul Of Time. Call Him Big-Mind Or Sentient Computer He Is What He Is. He Is The Absolute One And One Is Soul Of Time.

In The Beginning Of Cosmic Evolution, In Infinite Places In Infinite Galaxies Through Infinite Time Through The Cyclic Manifestations And Unmanifestations Of The Galaxies Through The Cyclic Burst Of The Black-Holes, The Evolution Must Have Progressed Through Chemical Interactions To Sustain Through Changing Conditions, And The Chemicals Must Have Learned To Sustain Unitedly Through Chemical Changes. Any Aspect Of Sustaining That Is Retained For A Length Of Time Goes Into The Times Memory. On These Principles The Progress Of The First Cosmic Evolution Can Be Explained. Vedas Say That Gods Are Subsequent To The Creation Of

These Worlds. But Now The Gods (Rishis As Their Minds) Have Taken Up The Reigns.

Gravity Is Also Not A Basic Force In Nature. Gravity Is The Induced Force. Gravity Rules The Collapsed Worlds. It Manifests When The Atomic Energy System Is Exerted By Pressure And Increases Through The Collapses Of The Atoms And The Sub-Atomic Particles. It Is Supreme In The Black-Hole As The Super Gravity Of The Collapse Of The Galaxy In The Black-Hole As The Collapsed Boson As A Whole. The Pulling Strong Forces Of Interactions Of The Suppressed Quarks Of The Interacting Bosons Are Neutralized By The Opposite Pressure Of The Gravitation Force Of Collapse. According To The Vedas Gravity Represents Greed On Mind Plane.

This Leads To A Surprising Conclusion That Electromagnetism And Gravity Are Opposite Of Each Other. When Gravity Is At Its Height (Black-Hole) Electromagnetism Is Zero And Therefore There Is No North Pole Or South Pole In The Black-Hole To Influence The Cyclic Burst Of The Black-Hole. This Also Means That When Atoms And Molecules Are Free Their Gravity Is Zero, Where Electromagnetism Is The Controlling Or Ruling Force.

D

The Above Equation $E = \dots \times F^2$

S

Can Be Used To Describe The Five Elementary Particles With Mass From Which All The Material Worlds Are Created. This Equation

Can Also Be Used To Describe The First Two Elementary Particles Without Mass.

The Energy Of The Primary Soliton As A Stable Wave Particle Of Energy Of Movement Of Space And Time In The Cosmic Vacuum Energy Field Can Be Explained By This Equation Where "D" Will Be Density Of The Space-Time Energy And "S" Will Be The Volume Of Space Occupied By The Primary Soliton And The "F" Will Be The Frequency Of The Space-Time Energy.

In Primary Fermion The Frequency Of The Half Spin Of The Two Interacting Primary Solitons Can Be Considered. In Primary Boson Frequency Of The One Integer Spin Can Be Considered. In The Quark The Frequency Of The Oscillation Can Be Considered. In Electron The Frequency Of The Spin Of The Oscillating Quarks Can Be Considered. In The Proton, The Rhythmic Oscillations Of The Oscillating Quarks Can Be Considered And In The Atom The Revolutions Of The Electrons Around The Rhythmic And Spinning Nucleus Can Be Considered. These Are All Particular Universal Constants For The Seven Elementary Particles (Including The First Two Without Mass) Actual Working Of The Energy Contents Of All These Elementary Sub-Atomic Particles Will Be A Complicated Process Where All The Eight Movements Of Space And Time Will Have To Be Joined Through The Three Basic Forces Of Nature (Weak Strong And Atomic).

The Energetic Stable Form Of Fermion Is The Neutrino, The Energetic Stable Form Of Boson Is The Photon, And The Electron Is Also An Energetic Stable Form. These Three Energetic Stable Forms Of The Sub-Atomic Particle Will Be Everywhere In The Cosmos As Diffuse Microwave Radiation From Infinite Sources In The Infinite Cosmos Originating In Stars, Collapsed Stars, Accreting Matter Etc. They Will Also Be As Cosmic Rays, Galactic As Well As

Cosmic Forming From The Galactic Clouds Of Energy (Galactic Cosmic Rays) And Cosmic Back-Ground Energy (Cosmic Rays). The Above Mentioned Three Energetic Stable Forms Of The Sub-Atomic Particles Will Also Obey The Above Equation.

The "E" For Energy In The Above Equation Is The Electro-Magnetic Energy Which Evolves As A Small Amount In Primary Soliton, Primary Fermion And Primary Boson To The Energy System Of The Atom Where Electro Magnetic Forces Rule.

Space And Time Are Related And When Atoms Are Pressed As In The Centre Of Planets Or Stars, The Space Of The Energy System Of The Atom Is Reduced And Therefore The Frequency Of The Inner Movements Of Space And Time Are Increased And The Gravitational Force Begins To Evolve. "E" In The Above Equation For Energy

Begins To Be Converted Into "Eg" For The Energy Of Gravity, And The Equation Becomes:

$E = E_0 + E_g = \dots \times F^2$ Where "M" The Mass As "D" The Density Of S

Energy Per "S" The Volume Of Space Occupied Will Increase With The Increase Of The Frequency Of The Space-Time Energetic System Of The Reduced Space. "E₀" Is The Energy Of Electromagnetism. When "E₀" Becomes Zero "E_g" Reigns Supreme And When "E_g" Becomes Zero "E₀" Reigns Supreme.

Frequency Is Inversely Proportional To Space. Energy Is Proportional To The Frequency And Therefore Mass Is Proportional To The Frequency. Therefore Mass Is Directly Proportional To Energy But Inversely Proportional To Space, Or In Other Words Energy Is Directly Proportional To Mass But Inversely Proportional To Space Where Energy Is Frequency Of Space In Time.

The Above Equation Can Be Used For The Suppressed (Collapsed) Boson (Or Photon Which Is The Energetic Stable Form Of Boson) In The Black-Hole.

If Boson Or Photon Which Is The Energetic Stable Form Of Boson Is Considered As A Quanta Of Space-Time Energy Instead Of Electron Then The Theory Of Quantum Mechanics Can Work For Describing All The Cyclic Events Of The Galaxy Through The Burst Of The Black-Hole Because The Whole Collapsed Galaxy Is One Collapsed Boson As A Whole Which Is One Collapsed Photon (Energetic Stable Form Of Boson) As A Whole As The Super Dense Fluid Of Photon (Angirasa). For Manifested Matter Quantum Mechanics Can Work If Electron Is Considered As A Quanta Of Electromagnetism. Primary Soliton Will Be Cosmic Space-Time Quantum.

Time Is An Universal Constant Which Accretes In The Collapsed State As The Energetic Movement Of Space And Time And Finally Rebounds When All The Space (Of The Collapsing Boson Or Collapsing Photon) Collapses, Where Only Dynamic Time With Its Memory Of Experience Remains As Dynamic "Thought" Of The Mind Or Soul Of Time.

Therefore The Time Of Manifestation Of The Sub-Atomic Particles Is Not Destroyed Or Does Not Stop And Its Relation With The Space It Occupies Is Constant (Though It Accretes With The Collapse Of The Space) Throughout The Life-Cycle Of The Galaxy. Time Remains Constant Into Which Frequency Varies With Space. In Simple Words It Means Energy Of Frequency Of Space Captured In Fixed Time Are Called Forms Of Time Of Invisible Shape By Surya Siddhanta. This Is A

Very Important Statement But Who Will Understand It?

If These Universal Time Constant's (As F The Interacting Frequencies) Are Calculated For Each Of The Seven (Including Primary Soliton And Primary Fermion Or Energetic Nutrino) Sub-Atomic Particles In Relation To Their Basic Space Constants (Time Is Related To Space) Then Their Basic Energy-Mass Constants Can Be Calculated. This Is The Most Minimum Requirement For Solving The Grand Unification Theory. Surya Siddharta "Seems" To Have Done It In A Still Simpler Way Through Simple Numbers. The Mystery Of Surya Siddhanta Is The Way They Have Raised Sub-Atomic Particles Through Different Energetic Movements Of Space-Time Sub-Atomic Particles Through The Three Forces Of Interaction On Galactic Plane Converting Our Time Scale Of Solar System To Minute Sub-Atomic Time-Scale And Also The Big Galactic Time Scale And That Too On Three Different Planes E.G. Mind, Matter And Truth (Time) Simultaneously. Who Will Believe In This World That The Surya Siddhanta Is Created Directly By The Soul Of Time And Acquired Directly From Soul Of Time And The Word Is The Code And The Word Is His Word?

When The Frequency Of The Bosons Stop (After Neutralizing The Pulling Strong Forces Of Interaction) Due To The Collapse Of The Suppressed Quarks In The Black Hole With The Collapse Of The Space Of The Space-Time Sub-Atomic Particles The Above Equation Becomes

$$D = E_0 + E_g = \dots \times F^2$$

Where "D" Is The Density Of Energy As Mass Which Is Universely Proportional To "S" Which Is Space (Or Volume) Occupied "Eg" Is The Energy Of Super Gravity And "Eo" Is The Energy Of Electromagnetism. In This Equation The Space Collapses And Mass Becomes Zero (Point Mass) Which Is Totally Converted To "Eg" Which Is Super Gravity Which Is At Its Height And The "Eo" Which Is The Energy Of Electromagnetism Is At Its Lowest Value. At This "Critical" Moment There Is A Sudden Phase Change Of The Energy System Whereby The Super Gravity (Which Is Due To The Suppressed Or Collapsed Space-Time Sub-Atomic Particles With Infinite Frequency) Is Neutralised But Since The Energy Cannot Be Destroyed It Bursts Into Energy Of Electromagnetism Triggering The Explosion Of The Spinning, Black-Hole (When Super Gravity Is Neutralised) Into A Spinning Bosonic Cloud Of Weak Forces Of Interaction With Zero Gravity Where Sub-Atomic Particles Are Immediately Formed Into The False Vacuum Filled With Energy Through The Evolution Of Electromagnetism With

Galactic Lightnings (Indra's Thunderbolt) And The Lightning Continues In The Minor Galactic Clouds (Thunderbolts Of The Maruts) Triggering The Precipitation Of Matter As Atoms And Molecules. The Explosion Is Due To The Rebound Of The Time Of The Collapsed Space-Time Sub-Atomic Particles When Super Gravity Is Neutralised And The Symmetry Is Actually Broken By The Two

Opposite Half Spins Of The Fermion (Whose Energetic Stable Form Is The Photon). Time Is The Order In "Chaos" Of The Black-Hole And It Is The Memory Of Time As Strange Attractors Or Times Arrow That Manifests Order From Chaos. Galactic Manifestations And Unmanifestations (Collapse) Can Be Considered As A Closed Thermodynamic Entropy. Therefore Soul Of Time Is Behind The Cyclic Burst Of The Black-Hole (Into Which The Galaxy Collapses) And By Which The Galaxy Becomes Immortal.

On One Of The Planes Of The Puranic Mythologies The Burst Of The Black Hole Is Represented As "Throw Of Dice" Where The Numbers (Representing Evolutionary Stages) Are There But The Final Outcome Or How The Final Civilisations Will Take Shape Are Left To The Peculiar Times. The Thrower Of Dice Is There. The Genius Is There And He Himself Is Interested In The Game To Know The Final Outcome.

The Paradox Of The Need For The Conscience Observer For The Existence Of The Sub-Atomic Particles Is Due To Extremely Small Space-Time Scale Of The Sub-Atomic Particles Which Is In Billionth And Trillionth Of A Second In Which The Dynamic Sub-Atomic Particles Change Through Different Energy States Of Space-Time Movements Including Spin, Oscillation, Fluctuation Etc. Our Observing Limit Of These Different Energy States And Their Movements Is The Photon Which Can Give Us Only The Point State And Not The Continuous States Of The Sub-Atomic Particles, And That Is The Reason Why Surya-Siddhanta Calls Them Forms Of Time Of Invisible Shape (Invisible By The Photon Of The Ray Of Light). This Explanation Will Relieve Us From The Most Craziest And The Most Foolish "Many World Theory".

We Have Not Properly Understood Or Studied The Dynamics Of Spinning Energy Systems Therefore Our Theories About The Internal Dynamic Systems Of The Atom Is A Guess-Work Through The Mathematical Equations Of Quantum Mechanics. This Is The Same Reason Why We Have Not Understood The Fixed Orbits Of The Planets Of Our Solar System And Also The Central Dynamic Structure Of The Super Black-Hole Of The White Hole And Also The Dynamic Galactic Structure.

Vibrating, Oscillating And Rhythming Nucleons (Protons And Neutrons) In The Spinning

Dynamic Energy System Of The Nucleus Creates Fixed Gaps As Grooves In The Rotating Energy Fields Around Itself (Such As Electromagnetism Attraction, Repulsion) Into Which Spinning Energetic Electrons Are Captured And Their Interacting Energy Fields And Their Spins And Fields Make Them Acquire Stable Energetic Systems. Therefore The Electrons Jump Into The Next Orbit If A Certain Amount Of Energy Is Added Or Removed From Them. They Will Not Rotate Or Revolve In Between The Fixed Orbits Or Grooves. The Certain Amount Of Energy Needed For The Electron To Jump From One Orbit To The Next Will Be A Constant. To-Days Theories Suggest The Constant But Does Not Explain The Mechanism. The Nucleons In The Nucleus Have A Rhythming And Oscillating Motion With Respect To Each Other Forming A Fixed Number Of Orbiting Grooves Depending Upon The Number Of Nucleons In The Nucleus.

In The Solar System, The Sun Is Spinning, Oscillating And Has Rotating Gravitational And Electro Magnetic Fields Around It Which Oscillate With The Oscillating Sun And Has Also The Rotating Solar Wind Creating Grooves

In The Rotating Solar Wind Creating Grooves In The Rotating Energy Fields Into Which Planets Form From The Collapsing Cloud Of The Solar System And The Energy Fields And The Speed And Spin Of The Planets Interact With The Spinning Energy Fields Of The Sun To Acquire A Fixed Orbits With Fixed Momentum And Fixed Spin. A Very Big Amount Of Energy Will Be Required To Dislodge A Planet From Its Orbit.

In The Super Black-Hole Or The White Hole, Two Black-Holes (Of Two Collapsed Galaxies) Are Caught Into Each Other's Super Gravitational Fields In Such A Way That Their Super Gravity Fields Create A Pulling Force While Their Speeds Try To Pull Themselves Away From Each Other While Their Extremely Fast Spins Make Them Orbit Around Each Other Creating A Stable Spinning System Of The Two Spinning Black-Holes Giving Them A Tremendous Spin And Speed Around Them. This Is A Stable System. This System Is Unbelievable And Unimaginable Creating A Super Super Gravitational Force In Between Them And Around Them And Into Which Nearer Galaxies Are Pulled And Whole Galaxies Are Accreted Like The Stars Are Accreted In The Central Galactic Black-Holes. Millions And Billions Of Stars In The Accreting Galaxy Shoot Inside Like Arrows Of Accreting Stars Creating Accreting Discs (Because Of The Central Spinning Gravitational System) With Super Luminous Motion. These Jets With Super Luminous Motion Are Not The Jets Coming Out Of The Center Of Super Blackhole. Inside The Super Black Hole Or White Hole The Accreting Stars And Planets Of

The Accreting Galaxy Are Shred To Super Hot Energy Where No Mass Or Matter In Any Form Exists. These Super Hot Dense Clouds Of Energy Flow Outward In A Whorlpool Where Other Galaxies Are Caught And Pulled Towards The Center Forming Clusters Of Galaxies Filled With Super Hot Energy Clouds.

This Is The Claim Of The Vedas And I Have Given Previous Papers A Very Beautiful Hymn From The Rig-Veda Describing This Maharakshasa (Cosmic Demon) Which Has Many Names Which Mean "Enslavers" "Sorcerers" Of The Galaxies As Menus. When Finally These Super Hot Energy Clouds Flow Far Out From The Center, They Cool And Again Matter Begins To Form Around The Periphery Of These Cosmic Voids Where Planets And Stars Begin To Form And Then Collapse With More Matter And Then Black Holes Are Formed Which Begin To Accrete More Stars And Finally Black Holes Burst Forming New Galaxies And The Process Continues For Ever.

Galactic Structure Is Also Not Properly Understood By The Scientists Why Do The Stars In The Outer Reaches Of The Galaxy Move So Fast And Still Remain A Part Of The Galactic Structure As A Whole? To Think That There Must Be Blackholes In The Hallow Of The Galaxy For This Fast Movement Of The Stars In The Outer Reaches Of The Galactic Disc Is Baseless And Worse Than A Blind Guess. It Is Because The Whole Galaxy Has Been Formed From The Spinning Cloud Of Energy Which In Turn Is Formed From The Burst Of The Spinning Black-Hole As A Whole. The Double Star System Is Also Not Properly Understood. If The Solar System Is Formed From The Spinning Cloudlets Of The Spinning Galactic Cloud. Then There Has To Be Many Types Of Solar Systems Because The Cloudlets Would Not Be Of The Same Size. There Would Be A Kind Of Solar System With Massive Planet (Instead Of A Star) At The Centre If The Cloudlet Was Smaller Than The One From Which Our Solar System Was Formed. If The Cloudlet Was Bigger Then There Would Be A Solar System With A Bigger (Even Collapsed) Star In The Centre And More Than One Star In Plane Of The Planets.

Scientists Have Recently Discovered A Spinning Cloud Of Energy Which They Call As Proto Galaxy. Why Is It There Still Spinning As One Cloud After Fifteen Billion Years After The Big-Bang? Can It Now Be A Recently Formed Spinning Cloud Of The Burst Of The Spinning Black-Hole?

The Molecules With Coded Memory (Proto-Genes That Seeded The Earth With Life) Of Previous Galactic Life Which Evolve In The Galactic Cloud Through The Memory Of Time Can

Reach Any Planet, Including Our Earth, Through “Virgin” Meteorites Of Cold Primitive Matter Or Can Float As Clouds Can Into The Planets Atmosphere And Through The Rain Clouds Seed The Planets With Life. If The Planet Is Ripe For Life Than The Whole Bio-Sphere Begins To Evolve As A Whole Including The Atmosphere. It Does Not Mean All Planets Can Have Life. There Is A Variety In The Universe Even Then Life Is A Rule In The Universe. Solar System Are Referred As Galactic Population Where We Are One Of Them. This Means Even Planets Evolve To Be Ripe For Seeding Of Life. On Cosmic Scale, The Galaxies Are Referred As The Manus (Thinker) And Rishis Performing Their Daily (Galactic Day) Sacrifices (Manifestations And Unmanifestations Of The Galaxy As Sacrifices For The Gain Of Truth). The Super Black-Holes Or The White Holes Are Referred As Enslavers And Sorcerers Of The Galaxies. “On Mind Plane” This Means Something Unbelievable. Why Should There Be Gods Alone In The Cosmos? They Are In Eternal Wars With The Demons When They Are Not Playing At Dice With Them. Without The Demons There Would Be No Need For The Gods. Gods And Demons May Be More Interring Than They Seem To Be. This Seems To Mean There Will Be God-Like Forces As Well As Demonic Forces Among The Evolving Minds In The Galaxy As Well As Other Galaxies.

Mythological Represent The Big Galactic And Cosmic Events In Our Small Time Scale.

We Do Not Even Try To Understand That Memory Is Related To Time And Therefore Memory Is Involved Only Where Time Is Involved. If This Statement Is Properly Understood Then Only We Can Think Of The Memory Code And That Will Open New Fields Of Research Which Will Link Time With All The Events In The Cosmos Including Our Event.

Mind Cannot Work Without Some Kind Of A System In The Material Body That Can Code And Decode The Memory Of Experience. Memory Is Related To Time, Therefore The Memory Will Be Involved Only Where Time Is Involved. In Matter, Time Is Directly Involved In The Manifestations Of The Sub-Atomic Particles From The Start As Forms Of Energetic Space-Time Wave Particles Evolving Through Interactions With Each Other To Form The Energy System Of The Atom And Then The Molecules. Therefore The Coding And Decoding System Of The Memory Has To Be Involved In The Sub-Atomic Particles. This Is A Direct Conclusion From Simple Common Sense. Man Is Manu The Thinker And Therefore His First Help In His Search To Understand The Worlds Around Him And Inside Him Is His Common Sense. If He Buries His

Common Sense And Relies On Computerized Instruments He Will Reach In A Fool’s World.

We Will Believe That The Memory Code Is In The Form Of “Chaos Of A Few Syllables” Where Unbroken Time Is The “Order In Chaos” And That Memory Of Time Are The “Strange Attractors” That Manifest “Order Of Words From Chaos” Which Manifests As Vak The Speech.

Thoughts Remain Active Because Of The Dynamic Memory Forms (Genes). Thoughts Are Behind The Working Of The Mind. When We Speak, Our Thoughts Open Up Taps In The Memory Code Of The Sub-Atomic Particles Of The Memory Forms (Genes Working In Unison)(*) Where Words Manifest From The Chaos Of Syllables And The Material Body Speaks In Audible Sentences. We Do Not Search The Syllables And We Do Not Construct The Words From The Syllables, We Do Not Construct The Sentences, With The Complicated Grammer While Speaking. Similar To Our Heart And Lung Everything Is Automatic. Our Effort Of The Material Body Is Most Minimum. Then Who Is The Real Speaker ? It Is The Thought Who Is The Real Speaker. Man Is What His Thoughts Are The Individual Is A Part Of The Events In Events Which Is Itself A Part Of The Bigger Events Which Is The Biosphere Of Our Earth, Which Itself Is A Part Of The Bio-Sphere Of The Galaxy As A Whole Of One Unit Time In The Cosmos. Individual Is Not Separate From The Bio-Sphere Of The Galaxy As A Whole Of One Unit Time In The Cosmos Working As A Hologram.

(*) Where A Cloud Of Memory Is Formed,

What Is A Hologram ? When A Person Sees Through His Eye, All The Rays Of Light That Are Directed Towards The Eye Enter The Eye As Floods Of Photons With The Experience (In The Form Of Coded Memory) They Gained When They Struck And Exchanged Themselves With The Primary Bosons Of The Atoms Of Whatever They Struck And Scattered In All Directions. When They Enter The Eye They Cross Each Other Before Hitting The Retina. At The Point Where They Cross Each Other, They Become One Photon And They

Illumine Each Other By Exchanging Their Experience Through The Interacting Dynamic Memory Code And Dance (Different Space Time Movements Of Their Internal Energetic Structure With Memory System) With Each Other’s Tune To Hit The Retina. From A Part Of Them Other’s Tune Can Be Deciphered Because The Coding And Decoding Is Again Done By The Sub-Atomic Particles Of The Genes Of The Neuron Cells. Refer My Previous Papers Explaining The Sub-Atomic Particles As Micro Brains With Memory Code. This Is The Only Explanation For The Working Of

The Hologram. There Can Not Be Any Other Sound, Similar To Light, Is Also Holistic. Finally, The "Sound Ray's" Will Reveal The Structures Of The Dynamic Sub-Atomic Particles By Influencing Their Frequencies.

When The Black-Hole Finally Bursts To Start A New Life-Cycle Of The Galaxy, It Becomes "One" (Here "One" Is Time) With Its "Memory" As A "Thought" And Roars (As Rudra The Roarer) As The "Word Ohm" And The Reverberating "M" In The Expanded Galactic Cloud (Of Memory Of The Events Of Time Of The Previous Galaxy) Are The Hymns Of The Vedas As Vak The Speech The Code Of Evolutions. Therefore All The Galactic Events Are Holistic With The Memory Of The Past Life-Cycle Of The Galaxy And Therefore The "Word Ohm" Is Holistic And The Meaning Of The Word (Vedas) Is Holistic. From A Small Part Of The Vedas Whole Meaning Can Be Deciphered. The Fives Sub-Atomic Particles Are The Real Elementary Particles. They Are The Five Bhutas From Which All The Worlds In Our Galaxy Are Created. Bhu Means Matter. Bhutas Means From Which Matter Is Formed. They Are The Five Indriyas (Senses), Indra As A Whole Controlling The Galactic Events. They Are The Five Brahmanas (Minds Of Brahma – Manas Mean Minds), Brahma As A Whole. They Are The Five

Ribhu Rishis (Refer My Previous Papers) Who Are The Creators Or Builders Of The Worlds In Our Galaxy. They Create By The Mind. They Represent The Galactic Mind Working In Unison As A Whole. They Are The God Like Forces Of Nature Working Through Time Decified As Gods. Therefore, The Unseen World Of The Sub-Atomic Particles Is The True World From Which The Material Worlds Manifest.

II. CONCLUSION

How To Involve The Space-Time Parameter Of Energy Of The Sub-Atomic Particles Is The Real Question. If The Equation $E=Mc^2$ Is Rewritten As

$E=Mf^2$ Where F Is The Frequency Of Photon (Which Is An Universal Constant) When The Time Of Manifestation (Saguna Time) Is Involved Which Has A Fixed Energy State In Three Dimensional Space And Time. Here "N" Is The Mass Which Can Be Written As Density (D) Per Volume Of Space (S) Occupied By It.

The Above Equation Becomes :

D

$E = \dots X F^2$ In This Equation

S

F (Frequency Of Photon) Is An Universal Constant. D The Density Of Space-Time Energy Is An Universal Constant. S The Volume Of Space Occupied By The Photon Is An Universal Constant Therefore The Energy Of Photon Is An Universal Constant. The Equation Represents The Universal Constants For Photon.

"E" In The Above Equation For Energy Begins To Be Converted Into "Eg" For The Energy Of Gravity, And The Equation Becomes:

D

$E = E_o + E_g = \dots X F^2$ Where "M" The Mass As "D" The Density Of

S

Energy Per "S" The Volume Of Space Occupied Will Increase With The Increase Of The Frequency Of The Space-Time Energetic System Of The Reduced Space. "Eo" Is The Energy Of Electromagnetism. When "Eo" Becomes Zero "Eg" Reigns Supreme And When "Eg" Becomes Zero "Eo" Reigns Supreme.

When The Frequency Of The Bosons Stop (After Neutralizing The Pulling Strong Forces Of Interaction) Due To The Collapse Of The Suppressed Quarks In The Black Hole With The Collapse Of The Space Of The Space-Time Sub-Atomic Particles The Above Equation Becomes

D

$E = E_o + E_g = \dots X F^2$

S

Where "D" Is The Density Of Energy As Mass Which Is Universely Proportional To "S" Which Is Space (Or Volume) Occupied "Eg" Is The Energy Of Super Gravity And "Eo" Is The Energy Of Electromagnetism. In This Equation The Space Collapses And Mass Becomes Zero (Point Mass) Which Is Totally Converted To "Eg" Which Is Super Gravity Which Is At Its Height And The "Eo" Which Is The Energy Of Electromagnetism Is At Its Lowest Value.

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