

STABILIZATION AND DISSOLUTION OF MATTER

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ABSTRACT:

ABSTRACT: This concept contributes a clear aspect of stabilization and dissolution of energy, force, waves, field, atomic particles, atomic state, molecular state, state of matter, matter and space-time symmetry. Infinity (of all possibilities) is the unrealized state (before formation) of every natural phenomena. These fundamental of matter arise due to pulsing with space-time symmetry. The unrealized state pulsated, and after space-time symmetry is formed, movement takes place. Effect of gradually increasing intensity of pulsation becomes movement in space-time symmetry, and the stabilization of increasing power of pulsation becomes energy and the change in intensity of energy generates force. The nature of the changes in the intensities of energy and force is wave like and waves stabilizes into field with required space-time symmetry. At the critical limit of pulsation, field stabilize into subatomic particle (mass factor) with required space- time symmetry. As the process of increasing intensity, the sub atomic particle stabilizes into atomic particles and atomic particles stabilizes into atoms at the critical limit of interaction with required space-time symmetry. Similarly, atoms stabilizes into molecules and molecules stabilizes into state of matter and state of matter stabilizes into matter at the critical limit of interaction with required space-time symmetry. Hence, every stage of matter come into effect and unification of matter occurs. The present paper describes the concept and results in details

KEYWORDS : Infinity (unrealized state), Pulsation , energy, wave, field , sub atomic particles – matter sequence, Stabilization, Anti matter – anti pulsation sequence , Dissolution, Space-time symmetry and probability

INTRODUCTION

PART-1: The physics which is the fundamental science, being the science of matter and energy is not providing a final conclusion about stabilization, existence and dissolution.

In modern science, the analysis of matter conceived up to subatomic particles and energy. The law of conservation of energy – Energy can neither be created nor be destroyed – itself raises the question ‘What is energetic as energy ?’. According the quantum concept, energy is the form of self rotating (spin) liquid type particles. If so, how and where from have emerged this quantum state?. The details of modern science have arrived at a dilemma, and the search for the rest brought a phenomenon ‘the pulsation’. If so, what is the fundamental of pulsation?. The performance of pulsation occurs in movement. When the pulsation and movement vanishes, what remains then?. There remains the unrealized state of matter (infinity). Every physical phenomena, including space-time symmetry, initially begins as pulsation and finally vanishes into unrealized state (latent stage) of matter. Again the pulsation tune up from infinity and stabilize to matter and dissolve to infinity.

As the intensity of pulsation gradually increases and reaches a critical limit that becomes energy with required space-time symmetry. In this continuous process, the pulsing of energy stabilized as force and force becomes waves, waves becomes field with required space-time symmetry at the critical limit of stabilization. Similarly the pulsing of field reach their critical limit that stabilized as mass measure/factor and become subatomic particle, subatomic particle become atomic particles (protons electrons and neutrons), atomic particles become atoms, atoms become molecules, molecules become state of matter, state of matter become matter with required space-time symmetry.

At the maximum limit of stabilization, pulsation turn to anti pulsation. The intensity of anti pulsing change and reach a critical limit, matter dissolved as antimatter and the antimatter change to anti state of matter with required space- time symmetry. Similarly, anti state of matter dissolved as anti molecule, anti molecules dissolved as anti atoms, anti atoms dissolved as anti atomic particles, anti atomic particles dissolved as anti subatomic particles (mass measure/factor) with required space-time symmetry. In the continuous process, at the critical limit of dissolution, subatomic particles dissolved as anti field, anti field dissolved as anti waves, anti waves dissolved as anti force, anti force dissolved as anti energy with required space-time symmetry. Finally, anti energy dissolved as anti pulsation and anti pulsation dissolve to infinity (unrealized state) with space-time continuum.

DESCRIPTION.

PART-1. STABILIZATION OF MATTER FROM INFINITY

Infinity is the unrealized state before stabilization of space-time symmetry and matter. Though infinity is unrealized state, stages of pulsing bring into light its all effect one by one with required space-time symmetry.(3)

1.1 PULSATION

Fundamental process of stabilization is the phenomenon of ‘pulsation’ generated

from infinity (unrealized state). The unrealized state fluctuated by pulsation with required space-time symmetry, 'movement'(15) takes place. Continuous formation is a process of orderly pulsing in the infinity of possibilities. The transition of pulsation totally changes the order of stages of matter.

1.2 ENERGY (10,15,16 pp-39)

As the intensity of pulsation gradually increases and reaches its critical limit that stabilized as 'energy' with required space-time symmetry. Due to the transition of pulsing of energy, that takes place different kinds such as gravitational energy, electro-magnetic energy, nuclear energy, kinetic energy, potential energy... with required space-time symmetry. Hence, energy and its different forms come into effect as the complex and joint probability (19 pp-213) of matter and unify due to interaction.

1.3 FORCE (14, 16 pp-146)

As the continuous process, the intensity of pulsing of energy reaches its critical limit, and stabilizes into 'force' with required space-time symmetry. The transition of force due to pulsing that take place different kinds such as gravitational force, electro-magnetic force(1 pp-17), nuclear force (10,16pp-161) strong and weak(1 pp-19), atomic force, molecular force ... with required space- time symmetry. So, different forms of force have come into effect and unify(7,5) due to interaction(5). Therefore, formation of energy – force sequence and its unification come into effect as the complex and joint probability (19 pp-213) of matter due to interaction.

WAVES AND FIELDS (1 pp-54)

The nature of the changes in the intensity of pulsation, energy – force system becomes wave like. As the intensity of mutual interaction of the energy – force system reaches next critical limit of continuity that generates (stabilize) waves (11 pp -161 & 1 pp – 22) with required space-time symmetry. The transition of waves due to pulsing that take place different kinds of waves such as gravitational waves, electromagnetic waves, nuclear waves (strong and weak)... with required space-time symmetry. Hence, generate energy – force– wave sequence due to interaction.

As the continuous process, the pervasion of wave effect becomes its field with required space – time symmetry at the critical limit of stabilization, and the energy – force– wave– field sequence come into effect as the complex and joint probability (19 pp-213) of matter. The transition of field due to pulsing that take place different kinds such as gravitational field, electro-magnetic field(1 pp-17), strong and weak nuclear field.... take place with required space – time symmetry. So, different kinds of waves and fields (12 pp-535, 16 pp-591& 638 of Vol.I and 1411 of Vol.II) comes into effect with required space-time

symmetry and unify(1 Chapter-6 & 1 pp-22) due to interaction. Hence, the interaction of energy – force– wave– field sequence comes into effect as the probability of unification of matter.

MASS FACTOR & SUBATOMIC PARTICLES (1 Chapter-3,14)

The pulsation of field intensified and stabilized to sub atomic particles as ‘mass measure’ at the critical limit of interaction with required space-time symmetry. At this turning point of stabilization to mass measure, the unification of energy, force, wave & field have arranged and ‘massless’ (1 pp19,8, 5 pp-950) stage of matter attains ‘mass’ stage with required space-time symmetry. Therefore, mass measure bring into light at first time the interaction (17) details of matter and exchange of energy, force, waves and field as subatomic particles. The energy – force – wave – field sequence may be exist as composite of subatomic particles and every subatomic particles may be the different mass measure of this sequence. The transition of mass measure due to pulsing that condense as orderly in different kinds of subatomic particles (6) with required space-time symmetry. This complex and joint probability (19 pp–213) may be the first time external appearance and performance of matter with required space- time symmetry and repeat up to final stage of matter.

ATOMIC PARTICLES

The pulsation of subatomic particles intensified and stabilized at the critical limit of interaction and become atomic particles with required space- time symmetry. The transition of pulsing of atomic particles make the effect for different kinds of atomic particles such as protons, electrons and neutrons with required space-time symmetry. Hence the energy – force – wave – field – subatomic particle- atomic particle sequence come in effect and unify due to interaction.

ATOMIC STATE (14, 16 pp-2)

As the continuous process, the pulsation of atomic particle intensify at the critical limit of interaction and stabilize into atoms (stages) with required space- time symmetry. The transition of pulsing of atoms makes the effect for different kinds of atoms with required space-time symmetry and unify due to interaction.

MOLECULAR STATE (14)

The pulsation of atomic state intensify and reach its critical limit, that stabilized into molecules (in stages) with their required space-time symmetry. Due to the transition of pulsing of molecular particles that take place different forms molecules with required space-time symmetry and unify due to interaction. Hence, energy – force – wave – field –sub atomic particles – atomic particles – atom – molecular state sequence generates and unify due to

interaction.

STATE OF MATTER (1 pp-9)

In the continuous process, the pulsation of molecular particle intensify at their critical limit of interaction and stabilize into states of matter(stages) with required space-time symmetry. The transition of pulsing of state of matter that takes place different forms with required space-time symmetry and unifies due to interaction. Hence different kinds of state of matter come in effect as ether (plasma), gas, ignition, liquid and solid. Also generates the pulsation– energy – force – wave – field –sub atomic particles – atomic particles – atom – molecular state – state of matter sequence and unifying due to interaction

MATTER AND GRAND UNIFICATION(1 pp-165)

In the process of stabilization, a matter collects all kinds of pulsation, energy, force, waves, fields, mass measure, particle nature & state of matter. This process of stabilization turns into dissolution at the maximum limit of interaction of matter. At the initial moment of stabilization, all relativistic effects and parameters of matter are latent in the infinite possibilities, finally emerge. At each stage of formation, the nature of space – time symmetry change, and finally stabilize, leading to the rich variety of states of pulsation, energy, force, waves and mass. Hence, space-time symmetry and energy realized from the infinite possibilities by pulsation and stabilizes into different kinds of matter with different properties. Thus, pulsation is fundamental of formation of energy, force

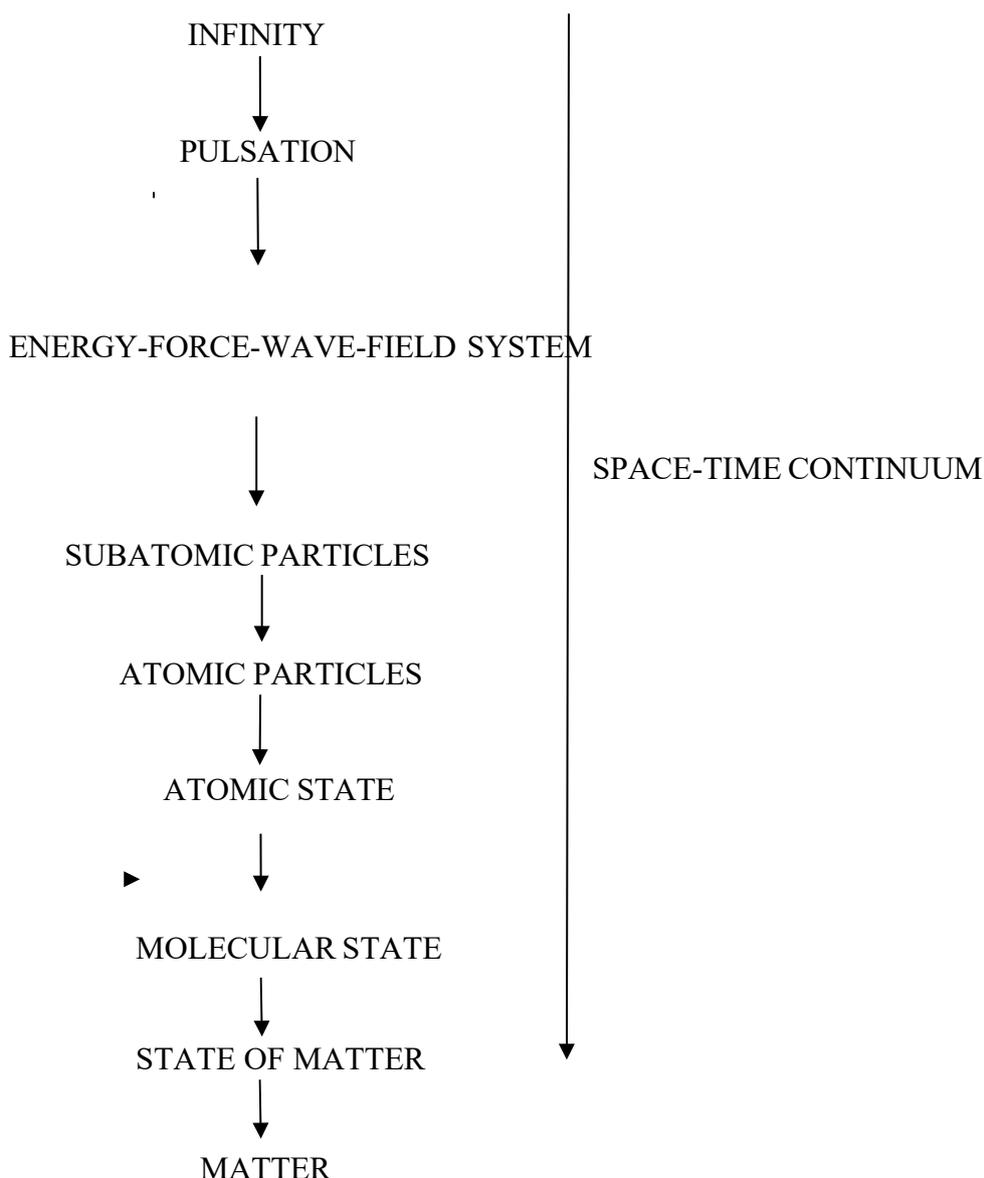
waves, fields, subatomic particles (mass measure/factor), atomic state, molecular state and state of matter with required space – time symmetry.

Since matter is the product of a pulsation sequence, all the properties of matter and their variation are connected to the interaction between pulsation to matter stages, and that are governed by their space – time continuum. The properties of matter may be change at the transition of pulsing of each stage of sequence. In each stage of stabilization of continuous process; the rate, order and pervasion may be different. At the same time, the extension of matter depends on the details (transparency) of the interaction. Tendency of infinity (of all possibilities) to pulsate is the basic principle governing the development of matter.

. Properties of matter have formed from massless infinity of possibilities which is unqualified. Yet all the properties and measures are latent there. At each stage of sequence of pulsation, as intensities change and stabilize, energy – force – wave – field – mass – particle – matter form sequentially in that order. This is completed in the smallest possible interval of space-time. As the result of continuous process of stabilization, previously stabilized matter form the ‘ether’ of movement generates the ‘sound’. Then gradually generates the rest of stages gas, ignition, liquid and solid respectively. Hence stabilization of matter brings into light all varieties of pulsation, energy, force, waves, fields, mass measure, particle nature, state of matter, matter and its unification process and performance.

In this process from pulsation to matter, the sequence is complex and novel, become manifested with appropriate space–time extension and details about the complexities of matter come into light at the definite boundaries of formation. As infinity of possibilities pulsate, appropriate space–time continuity also simultaneously formed and measure and power of the matter sequence is the totality of the measure and power of its constituents (composite). The complex properties of energy – force – wave – field – mass – particle – matter sequence is realized due to transition of pulsing and totality of unification of each stage come into the effect as grand unification. It is left half of stabilization and generation of matter

Fig 1 System of stabilization of matter from infinity



PART-2. DISSOLUTION OF MATTER INTO INFINITY

whenever the process of stabilization of matter attains maximum limit there turns the phenomenon of dissolution and extent to infinity. The nature of pulsation totally changes to anti pulsation and matter(in stages) dissolves into infinity at the appropriate critical limit with required space-time symmetry. This phenomenon brings into light the effect of anti nature of matter . The breaking of symmetry is the fundamental for generate new forms of systems. Hence, anti matter (stages) comes into effect with exchange symmetry (19pp – 213).

ANTI STATE OF MATTER (1 pp-13,16 pp – 663)

Matter is the complex of various state of matter from solid to ether with required space-time symmetry. At the critical limit(stages) of dissolution, the intensity of anti pulsation changes and anti matter dissolves into anti state of matter with required space-time

symmetry. At the transition of anti pulsing of dissolution, composite of anti matter takes place to anti state of matter with required space-time symmetry. Hence anti matter - anti state of matter sequence come into effect. Since anti matter dissolve into anti state of matter, unification of matter turn to de-unification of matter.

ANTI MOLECULAR STATE (16,17)

As the intensity of dissolution gradually changes and anti pulsation reaches at the critical limit, the anti state of matter dissolves into anti molecules (stages) with required space-time symmetry. At the transition of anti pulsing of dissolution, the anti molecular particles takes place to different forms and anti matter- anti state of matter- anti molecule sequence come into effect.

ANTI ATOMIC STATE (1 Chapter-8,16,17)

As the continuous process, at the critical limit of dissolution the intensity of anti pulsation change and anti molecular particles dissolves into anti atoms (stages) with required space-time symmetry. At the transition of anti pulsing of dissolution, anti atoms take place its different forms with required space-time symmetry, subsequently anti matter- anti state of matter- anti molecule - anti atom sequence come into effect.

ANTI ATOMIC PARTICLES (1 Chapter-8,16,17)

In the continuous process, the changing intensity of anti pulsation reach its critical limit, anti atomic state dissolves into anti atomic particles (stages) with required space-time symmetry. At the transition of anti pulsing of dissolution, anti atomic particles take place its variety with required space-time symmetry. Hence anti matter- anti state of matter- anti molecule - anti atom - anti atomic particle sequence come into effect.

ANTI SUBATOMIC STATE (1 pp-68,16,17) (ANTI MASS MEASURE)

At the critical limit of dissolution, intensity of anti pulsation changes and anti atomic particles dissolve into anti subatomic particles as anti mass measure with required space-time symmetry. At the transition of anti pulsing of dissolution, anti subatomic particles attain its various forms with required space- time symmetry. Hence anti matter- anti state of matter- anti molecule- anti atom- anti atomic particle- anti subatomic particle sequence comes into effect.

ANTI FIELD AND ANTI WAVES

In the continuous process, the changing intensity of anti pulsation reach its critical limit of dissolution, anti subatomic particles divide into anti field with required space-time symmetry. At the transition of anti pulsing of dissolution, anti field takes place its anti forms as gravitational field, electro-magnetic field, nuclear field, strong and weak nuclear field etc. with required space-time symmetry.

At the same time, the intensity of anti pulsation reach its critical limit of dissolution, anti field turn to anti waves with required space-time symmetry. At the transition of anti

pulsing of anti waves that change to anti forms as gravitational waves, electro-magnetic waves, strong and weak nuclear waves etc. with required space-time symmetry. Hence, anti subatomic particles degenerate into anti nature of field and waves with required space-time symmetry, and antimatter - anti state of matter - anti molecule - anti atom - anti atomic particle - anti subatomic particle – anti field – anti waves sequence come into effect.

ANTI FORCE

Similarly, the anti waves divide as anti force with required space-time symmetry due to change the intensity of anti pulsation reach their critical limit of dissolution. At the transition of anti pulsing of anti force takes place its anti forms as gravitational force, electro-magnetic force, nuclear force (strong and weak) etc. with required space-time symmetry. Hence anti waves dissolve into anti force with required space-time symmetry, and anti matter - anti state of matter - anti molecule - anti atom - anti atomic particle - anti subatomic particle – anti field – anti waves – anti force sequence comes into effect.

ANTI ENERGY

In this continuous process, the anti force divide as anti energy with required space-time symmetry due to change the intensity of anti pulsation reach its critical limit of dissolution. The transition of anti pulsing of anti energy takes place its anti forms as gravitational energy, electro-magnetic energy, nuclear energy, strong and weak nuclear energy, potential energy, kinetic energy etc. with required space-time symmetry. Hence, anti force dissolves into anti energy with required space-time symmetry, and anti matter - anti state of matter - anti molecule - anti atom - anti atomic particle - anti subatomic particle – anti field – anti wave – anti force – anti energy sequence comes into effect.

ANTI PULSATION

As the continuous process, the change in intensity of anti pulsation reach its critical limit of dissolution anti energy dissolve as anti pulsation with required space-time symmetry . At the transition of anti pulsation, that takes place anti forms as gravitational pulsation, electro-magnetic pulsation , strong and weak nuclear pulsation etc., at the final turning point of dissolution. Hence, anti energy dissolved into anti pulsation with required space-time symmetry, and anti matter - anti state of matter - anti molecule - anti atom - anti atomic particle - anti subatomic particle – anti field – anti waves – anti force – anti energy – anti pulsation sequence comes into effect.

INFINITY

Finally anti pulsation remains. At the final critical limit of dissolution, anti pulsation and space–time symmetry vanish into the infinite possibilities (unrealized state). If the formation of matter is the orderly pulsing of stabilization with required space-time symmetry,

the de-formation of matter is the orderly anti pulsing of dissolution with required space-time symmetry. Hence, the infinity rises at the end of anti pulsation and at the beginning of pulsation. At each stage of dissolution of anti matter sequence, the rate, order and pervasion gradually changes with required space-time symmetry. As anti matter and complexes are mutually connected through space-time and interaction, each and every physical phenomena of anti matter clearly manifest at each stage of dissolution.

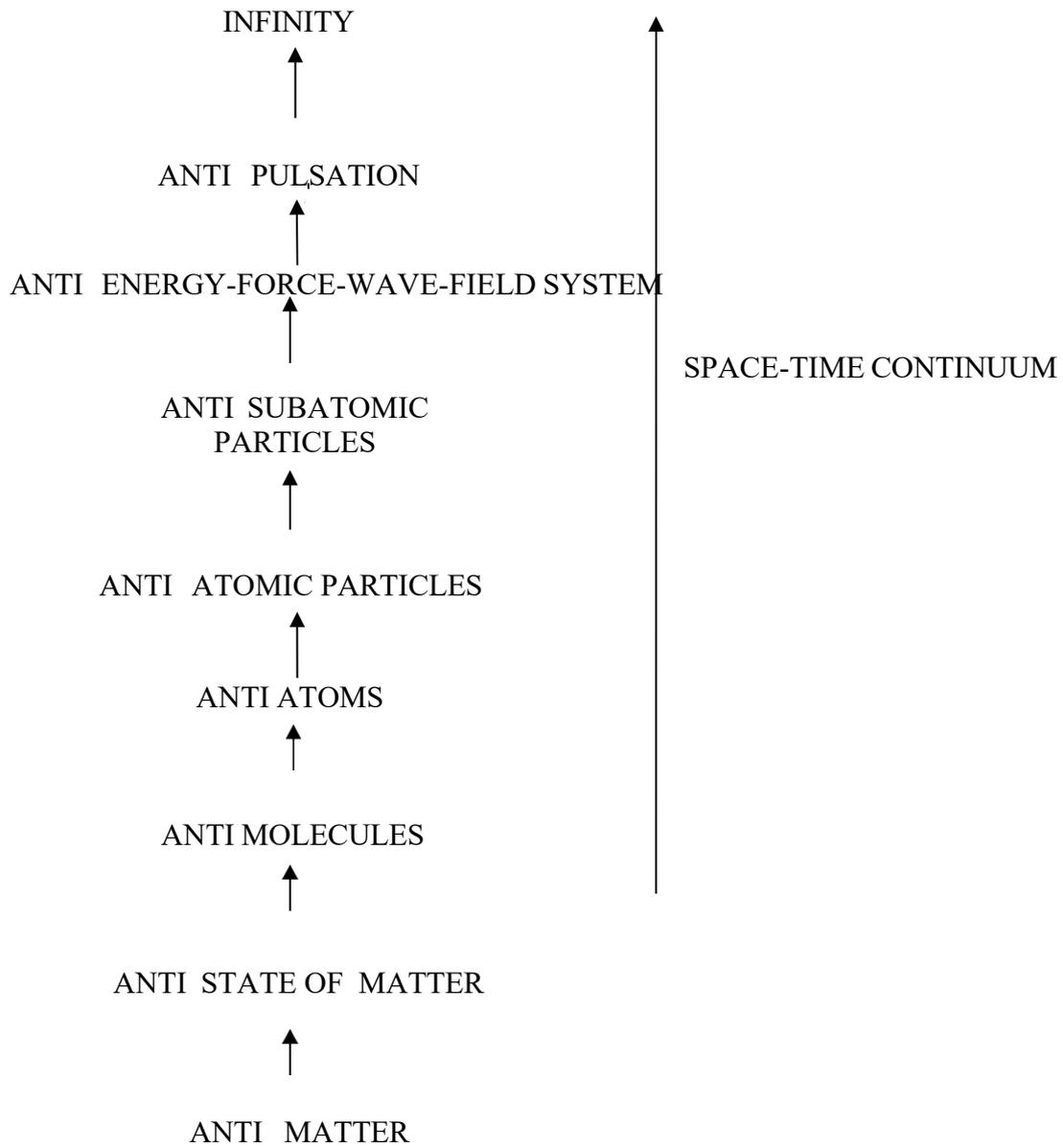
DE-UNIFICATION OF MATTER

Tendency of dissolve to infinity (of all possibilities) is the basic principle governing the degeneration of matter. Subsequently the matter degenerated to anti matter, anti state of matter, anti molecules, anti atomic particles, anti subatomic particles, anti field, anti waves, anti force, anti energy, anti pulsation at the critical limit of interaction. At each stage of dissolution, as intensities change and dissolves from anti matter to anti pulsation of sequence in that order. This is completed in the smallest possible interval of space-time. The peculiarity of dissolution from anti matter to anti pulsation stage will be proportional to the rate of change of interaction. At the same time, the extension of anti pulsation depends on the details (transparency) of the interaction.

As the process of dissolution, the composite of matter de-unified at each critical boundary of stages with anti properties and required space-time symmetry. As the properties of matter heat, light, elasticity, viscosity, momentum, spin may be dissolved into infinity (of all possibilities) and invisible there. Hence, the complex of pulsation – energy – force – waves – field – particles (subatomic, atomic and molecular) – state of matter sequence is unified by interaction at the stages of critical limit of stabilization and de-unified at the anti stages of critical limit of dissolution.

All activities of matter have collected in the infinity (of all possibilities). The properties of matter arise from the transition of interactions. Every properties of anti matter and their variation are connected to the interaction from anti state of matter to anti pulsation, and also it is governed the effect of space–time symmetry. As anti complex of matter comes to light at the definite boundaries of dissolution of anti matter and finally vanishes into infinity (of all possibilities).

Fig 2 System of dissolution of matter into infinity



The unification of different forms of energy due to interaction, the same also applies to the different forms of force, waves, field and matter complex and affect the required space – time. Though energy, force, wave, field and mass factor are formed in stages, they are, and always remain different aspects of one unity (infinity). All equal and opposite(anti nature) forms of pulsation - energy – force – wave – field – mass factor – particles – state of matter sequence come into effect due to stabilization and dissolution respectively. Actually a gross matter is the complex of equal and opposite form of pulsation, energy, force, wave, field, mass factor, particle states and state of matter. When the stabilization (left half) and dissolution (right half) complete the cycle of process, the matter takes place equilibrium. The transition of left half and right half (breaking of symmetry) totally change the properties of matter. Therefore, a matter carrying complex of sequence of pulsation and anti pulsation. In this continuous process, required space-time symmetry is a vital factor of stabilization and dissolution, and that should be expanding and contracting according the generation/de-generation. Since collect the required space-time symmetry, matter and composite conserve their identity. Whenever it has violated, there generate another identity with required space-time symmetry. If the stabilization is the forward interaction between the composite consist in that sequence, the dissolution is the backward interaction between the composite consist in that sequence. Hence, the unification of matter is stabilization of orderly pulsing, and the de-unification of matter is dissolution of orderly anti pulsing. The performance of mass measure reveals all the detailed nature from pulsation to matter. The probability of ‘rhythm of systematic pulsing/anti pulsing’ in each stage of stabilization and dissolution of matter, that extend to the applicable reality of physical/ chemical/ biological nature

III. DARK MATTER AND COMPOSITE

The probability from pulsation to gross matter exists as latent mode in infinity (of all possibilities). Therefore, composite of matter such as pulsation, energy, force, waves, field, mass measure, particle stages, state of matter and space-time continuum are exists in unrealized stage. Hence, matter and composite attains dark state.

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