

Theory of Singularity – The Proposal

Prabhakaran Natesan*

Working in UAE, Age: 37, Home country: India, Area of interest: Modern physics

***Corresponding Author:** Prabhakaran Natesan, Working in UAE, Age: 37, Home country: India, Area of interest: Modern physics

Abstract: Space-time comprises of two types of media such as liquid and gaseous state of dark matter in merged form. Gaseous form probably means the vacuum medium of the Universe we see. The liquid medium of space-time is the hidden nature of the existence. It is isolated from vacuum which is not like water vapour in air but routed through three real dimensions in a quite complicated way. The complication lies in demonstrating the same, as human perspective or mind is limited to 3D appearance. Then does it mean space-time to be assumed as a fourth dimensional aspect? Certainly not. There are three pair of directions such as up-down; left-right and forward-reverse could be shown with the conventional graph, in which to draw a line to indicate a new direction that does not fall within these six directions, is said to be impossible. However, there is a fourth pair of direction in 3D space itself, that could be obtained by plotting the human mind in space-time medium and see how things like quantum entanglement between two particles working beyond it. This method could access the unknown real dimensions of space-time. Time is assumed to be a fourth dimension moving in one direction in the existing studies however, whether time is assumed to be a dimension or not, it does not make any difference. The real dimensions discussed in this paper are technical and deep in nature. The way of separating the two states of dark matter to be gas and liquid medium of space-time by applying these dimensions solves the incompatibility between general theory of relativity and quantum mechanics. Also, the mystery of black holes is solved too, by revealing its true nature.

Key-points:

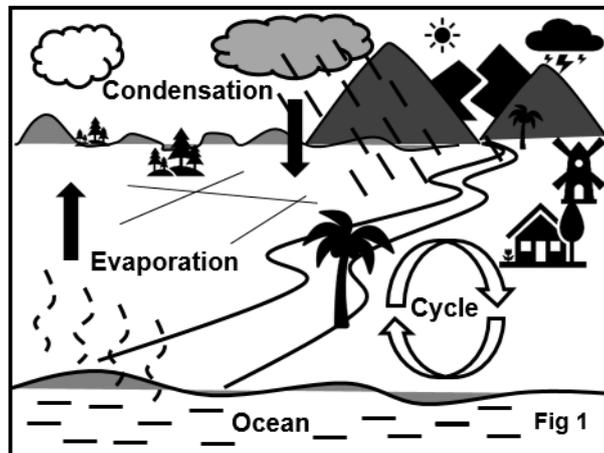
- (i) The Universe is still followed to be an open space, even after the discovery of space-time aspects by Sir Albert Einstein. The idea is not utilized and the fabric behavior not analyzed for further details is the lag in modern science to solve the contradiction between general and quantum physics.
- (ii) A black hole actually is not a hole but a dark shadow that covers the process of destruction of macro-objects, at quantum level. The gravity inside a black hole is zero and the force involved in it is associated with fluid nature of the medium. Moreover, black hole is not an objects of infinite mass density in the existence, it is a swirl on the Sp-ti ocean, whose mass is about the medium itself.
- (iii) Space-time medium has surface and depth and the deepest point eventually leads to the Sp-ti dark liquid ocean, which is singular in nature. This depth is not physical but governed by cone of dimensions and has to be projected using drawings and representations for studies.

Key-words: Gravitational rope, Gravitational thread, Elasticity, Fluidity, Spacious vacuum, Absolute vacuum, General relativity, Quantum mechanics, Sp-ti 0, Sp-ti 0 axis, Sp-ti grid, Sp-ti liquid ocean, Sp-ti fabric, primal gravity, Local gravity, Line of gravitation, Local orbit, Great orbit, Singularity, black holes, shadow cone, cone of real dimensions, dark shadow, reference object, surface & depth of fluid medium, Sp-ti tolerance min, Sp-ti tolerance max, symmetry, neutron star, wave-particle, fundamental fields etc.

1. INTRODUCTION

The gravitation is basically associated with the flow of life, which could be observed with the cycle of rain water through evaporation and condensation. The river water floods from an elevation such as mountains towards the ocean. Here, the flow is downstream where the water to be considered as an object with mass pulled towards a lower potential same like an apple falling from the tree towards the ground. Now, when the surface of the sea evaporates to form clouds, the direction of flow is upward opposite to that of the previous case and this time the water uses its own property of being a medium, that hot air or vapour is lighter that moves to the top of the atmosphere by nature. Now, when the water vapour condenses, the heavy droplets fall to the ground in the form of rain, where again the mass of the object acts. Basically, this cyclic process is involved in the overall space-time medium however, the

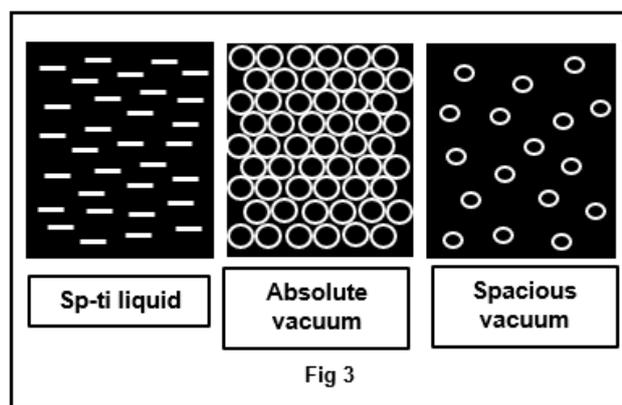
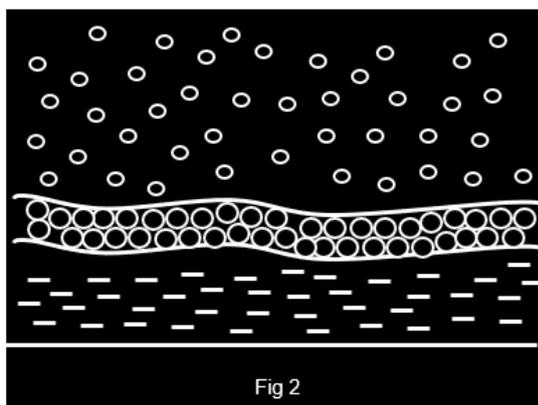
existence of liquid state of dark matter is unknown in the existing studies. So, the gist of the “Theory of Singularity” discussed in this journal is mainly about the property of the space-time medium involving two states of dark matter isolated from each other through real dimensions. The very basic working mechanism of the medium serves one fundamental for general and quantum physics without any contradictions to actually exist between them.



2. SPACE-TIME – THE FLUID MEDIUM

Now, visualizing the fluidity of space-time medium as shown in Fig 2, there are two conditions in the gaseous state of matter, i) Spacious vacuum and ii) Absolute vacuum. Absolute vacuum containing the basic particles of space-time henceforth termed as **Sp-ti 0s** is a tightly packed one whereas in case of spacious vacuum they are free. This means the Universe is obviously spacious, as the absolute vacuum does not allow an object to enter into it. Further, even in the spacious medium for an object to occupy the sp-ti 0 point, it has to compress itself to space zero which simply means, the object or even a single fundamental particle does not exist at this point. So, Sp-ti 0 is also called as the point of non-existence for an object which is applicable even for the entire Universe, considering it a single object.

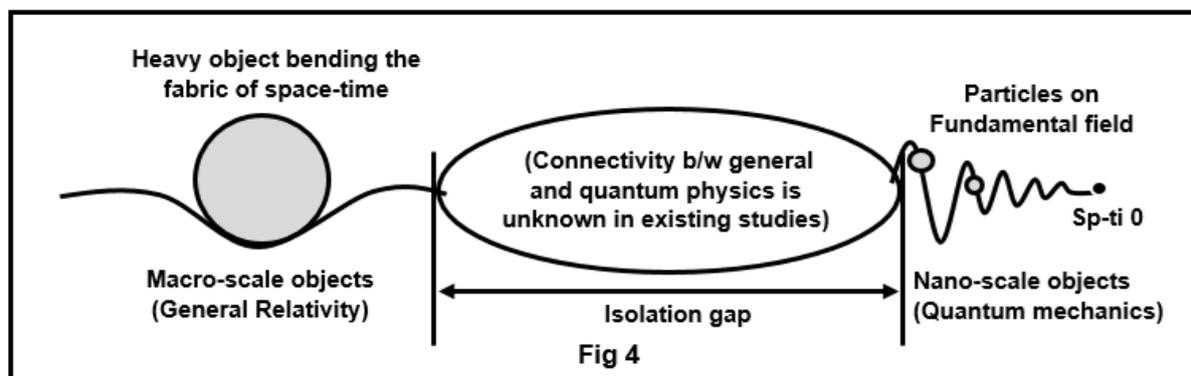
Absolute vacuum is a margin separating the liquid and spacious medium. However, it is not stacked like how we see in Fig 2. It is just a simple representation for our understanding. The isolation gap is actually filled by absolute vacuum through real dimensions of space-time. To understand the same, we need to know or observe some minute details.



As we are in 3D space we try to interpret this representation in the conventional way. The liquid state of matter to be the base and on which gaseous state such as absolute vacuum followed by spacious vacuum are stacked one above the other, Fig 3. And for the same thing if we apply the spherical shape, then same like the model of Earth, the liquid matter constitutes the ocean and the gas is like air atmosphere on top of it, which is not the ultimate reality. As the space-time medium is a shoreless ocean it has to be understood only through real dimensions which does not use the geometry such as circle or square to define the edges like if the boundary of the Universe is a circle, then what is lying beyond it? There is an in-out duality associated with the circle, to be solved or utilized by applying the new idea through singular perspective, could be discussed in detail.

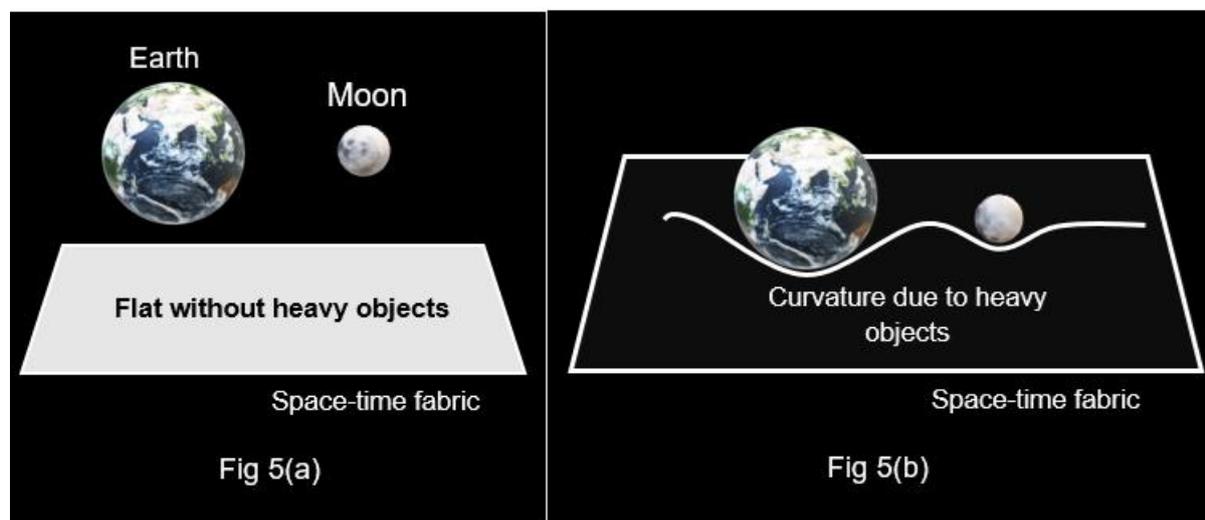
3. ISOLATION GAP B/W GENERAL RELATIVITY & QUANTUM MECHANICS

Sir Albert Einstein’s discovery of space-time to be a single entity and is said to behave like a fabric for heavy objects such as Earth, Moon, Sun and so on. On the other hand, string theory describes the fundamental particles to be like strings. So, the property of elasticity or elastic nature is common in both the cases. It could be visualized the way it is, as shown in Fig 4.



Of course, due to reason that there is nil trace of liquid nature of the medium, the analysis stopped with the elasticity of the medium. Now, the connectivity could be obtained by applying the fluid nature. The waveform associated with the heavy object is assumed as bend in space-time fabric in terms of gravitational field (LHS) while the particles are associated with their corresponding fundamental fields (RHS), shown on either side of the isolation gap. If we consider the particles to be the minute objects then there must be objects apart from heavy masses either. To mark those objects in a sequence we shall observe a simple experimentation setup illustrating space-time fabric, which is a further analysis of fabric nature other than its bending.

4. AN IN-DEPTH ANALYSIS OF SPACE-TIME FABRIC

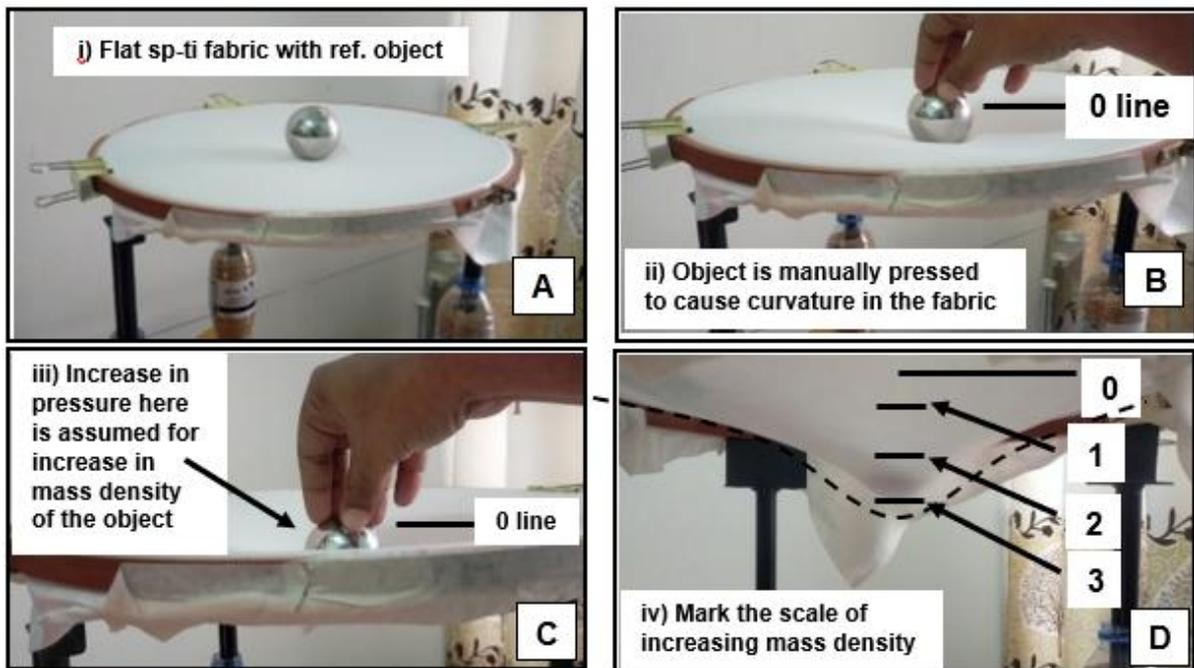


Now it is over a century’s period of time that the idea of space-time fabric assumed to be flat without objects and a curvature is caused due to mass density of heavy objects has not moved an inch forward for any further analysis.

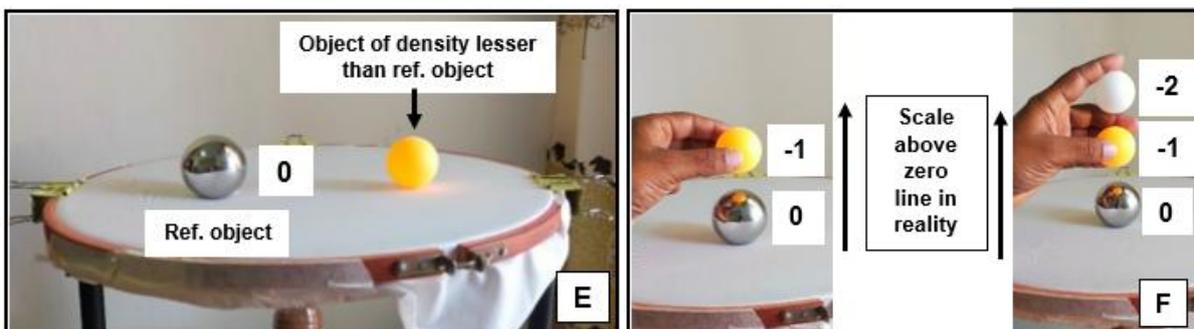
We need a simple experimentation setup to bring out more details as follows. If the heavy objects are causing the curvature in fabric, then obviously there must be an object of certain mass density value that does not bend the fabric. Such an object is assumed to be kept on the fabric and henceforth referred to as reference object. It is marked as the minimum point (0 line) that the object simply touches the fabric without causing a curve.

Now, when we press this object against the fabric, for sure it causes the curvature which could be visibly seen right underside of the fabric setup. This pressure applied to the object shall be considered for increase in mass density of the object. It enables us to mark three points from the reference point of zero

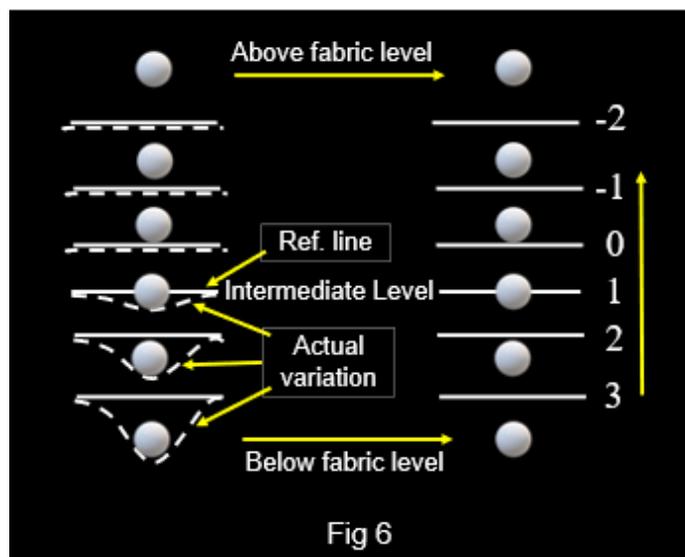
curve in the fabric towards a curvature of high mass density (3) gone through low (1) and medium (2) mass density points.

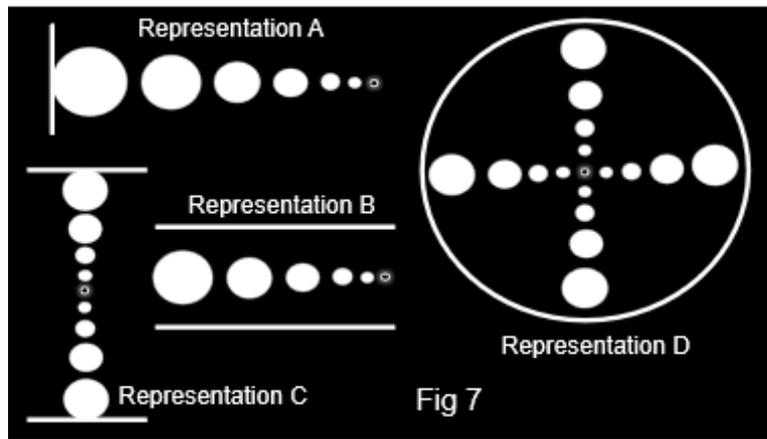


Now, next to the reference ball that is lying on the fabric, we keep another ball whose mass density is lesser than the ref. ball. This ball also obviously does not curve the fabric however, what difference does it make compared to the reference ball? In real-time this ball comes to the position of -1 above ref. object which is at zero. Further decrease in mass density occupies -2, -3 and so on in a scale.

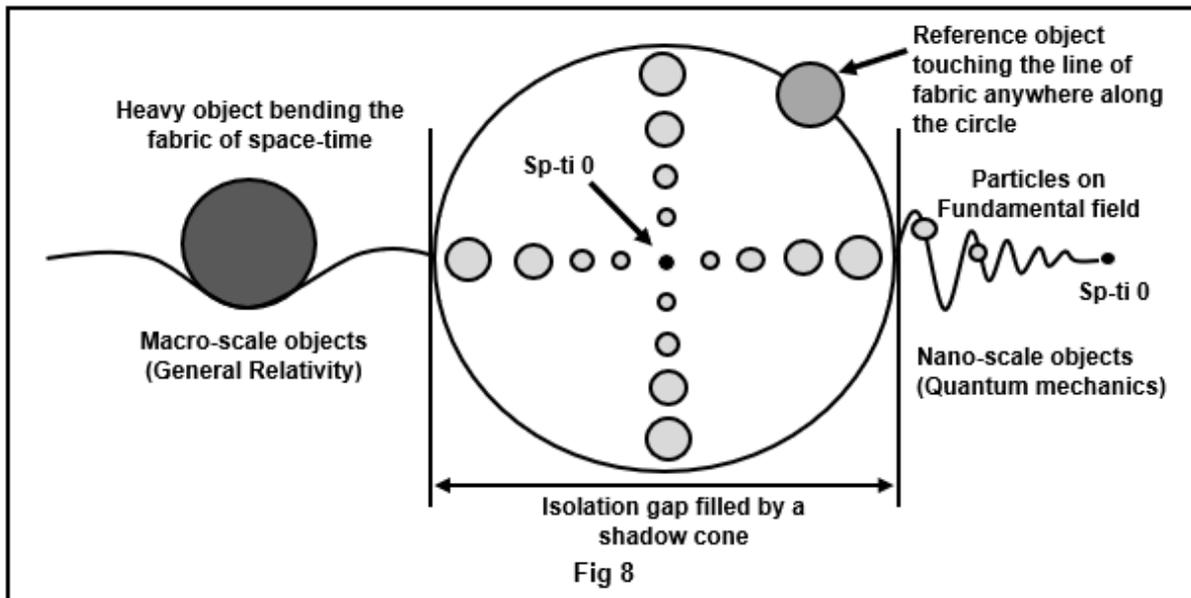


The above experimentation with more than one objects is just for visualization. When it comes to the representation, a single object could be used to show the variation as follows, Fig 6.





The representation captures some minute details about Sp-ti fabric. Here, the reference line remains unchanged and the dotted lines show the actual variation i.e., the curvatures caused by the heavy objects. We closely observe that, as the mass density of the object decreases, it is moving away from the fabric. We can trace the object ideally moving from below the reference line of fabric to cross the intermediate level for some density value and then detach to reach the point above fabric level. The variation is marked through the values 3, 2, 1, 0, -1 & -2 as shown in Fig 6. Now, how to represent objects of various mass densities towards or away from the reference line of Sp-ti fabric, even without any values and the dotted lines indicating the actual variation? Fig 7 showing four types of representation, however has the same idea and has utility, as required for different purposes (refer the book published in Tamil edition – titled: Orumaiyiyal kotpaadu). For this journal, containing the “Theory of Singularity” as a proposal, we make use of representation D unused in our published papers so far, to fill the isolation gap between GR and QM as follows.



In Fig 8, we see the point of sp-ti 0 to have shown in two places which is supposed to be the end or beginning point only, why it is somewhere in the middle? Actually, this representation is a cone whose base is either assumed to be on the front side and the rear end has the apex point or vice versa. It is referred to as “shadow cone” and the ideas is supported by the following illustration for its real-time existence.

From Fig 9(a-b-c-d), we clearly see the shadow cone formation. The observer standing in a high way tunnel sees this cone clearly. This appearance makes the observer to see the trees nearing the end point are reducing in size in a row Fig 10(b). This appearance could be confirmed with an object (sphere) moving away from the observer as shown in Fig 11, reducing in size towards the end point. This is governed by the cone shape and variations are non-physical. Here the sp-ti 0 is a point of no appearance as it is also a shadow that moves along with the observer as he moves and remains with his standing position.

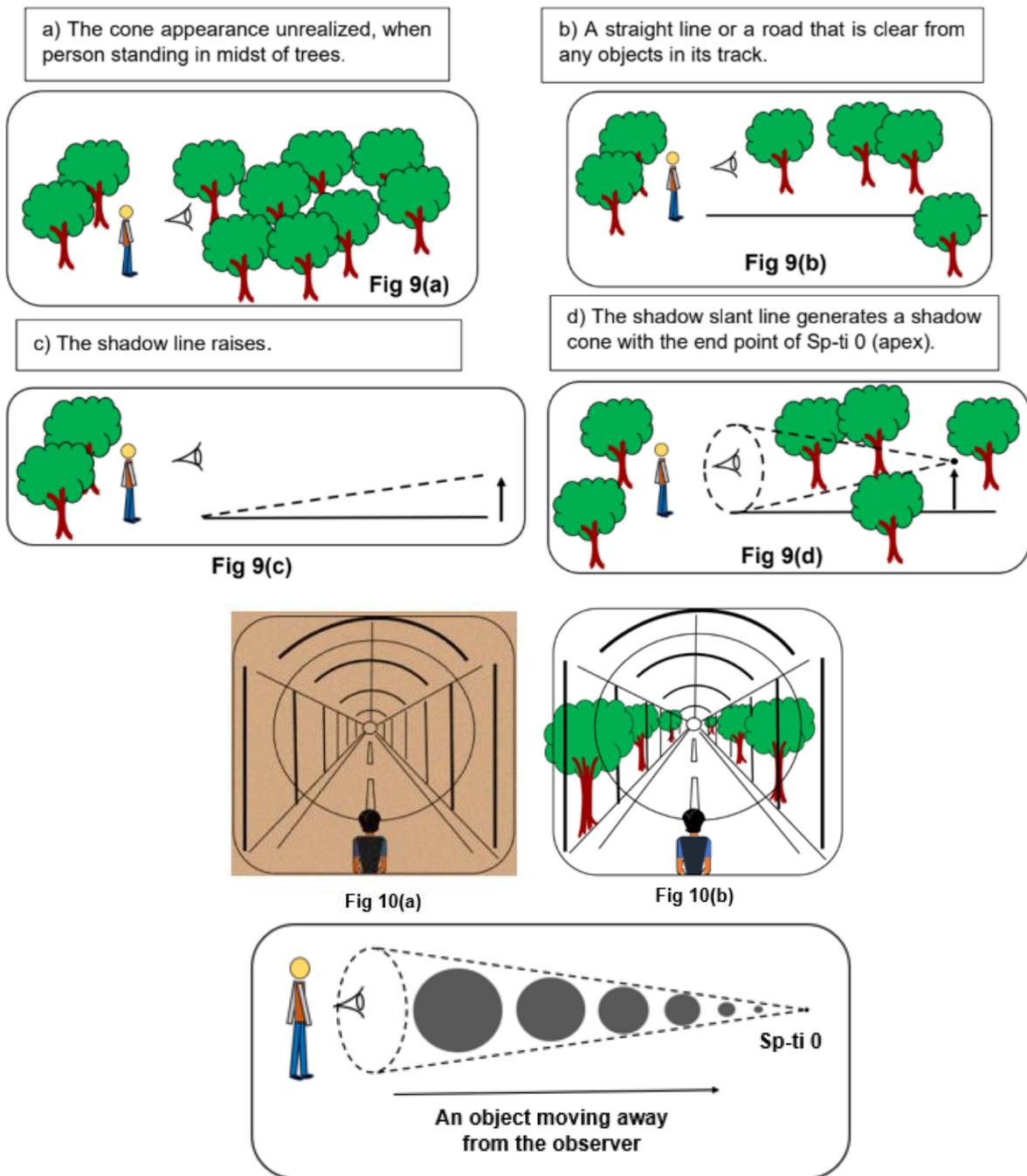


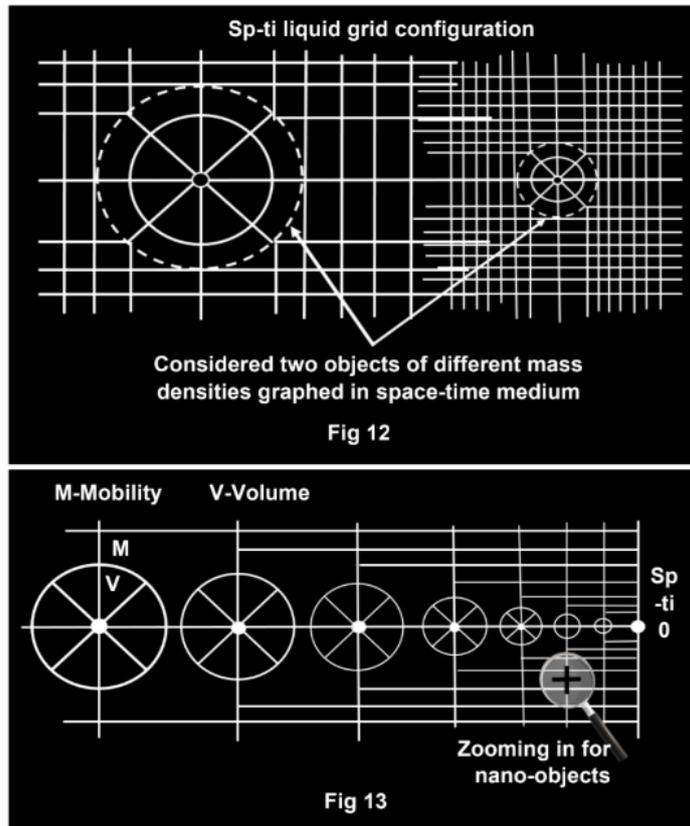
Fig 11

Now, the application of this shadow cone to make a connectivity between the two scales such as heavy and minutes objects solves the contradiction. For which, as we discussed earlier fluidity to be applied to the range of objects falling in the middle of the two. As long as we assume the vacuum in the outer space to be an empty medium, there is no clue for the connectivity while if it is a fluid i.e. a gaseous medium then it works.

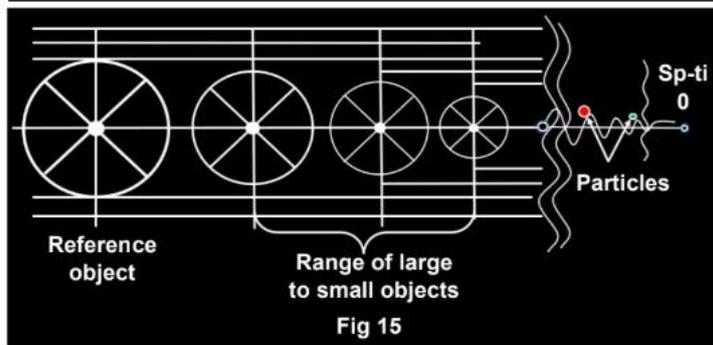
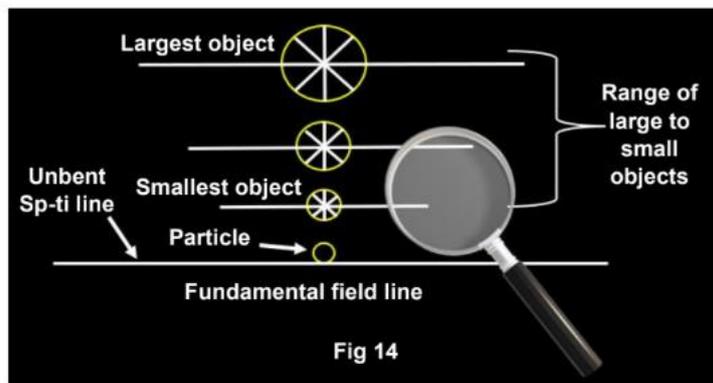
We shall graph the objects with sp-ti 0 as the start point. However, a conventional graph for solid object enables a small object nearing to a large object for its mobility to increase as the surrounding becomes more spacious. Theory of Singularity introduces the new method of graphing the objects with liquidity. This graph works same like water medium surrounding the object irrespective of its size and shape, Fig 12. Say, when two objects such as big and a small stone kept immersed in water, then it makes no difference whether the stones are near or far away from each other.

The space around the object is filled by the medium. Means the medium is always greater than the object in which the object evolves. To sketch a liquid or fluid graph of objects falling within the shadow

cone we use representation B from Fig 7 and apply fluidity. In Fig 13, V means the space occupied by volume of the object while M is space available for mobility of the object.



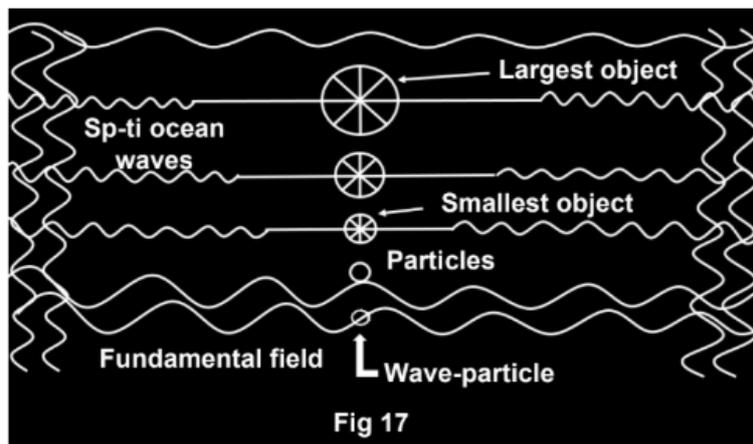
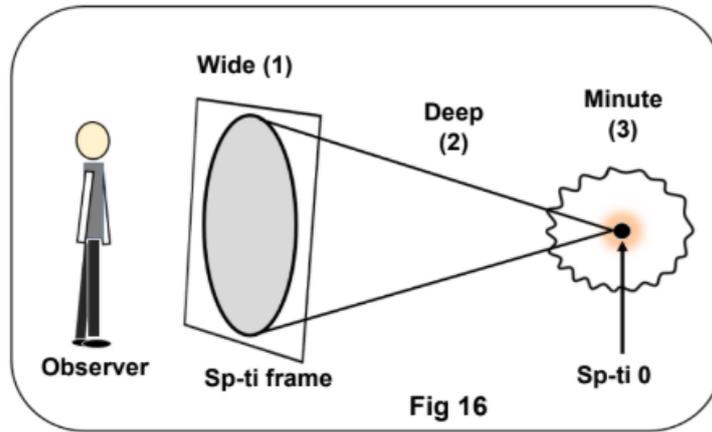
This mobility is in terms of tolerance of the medium to govern the moving (actually swimming) objects. So, the scale of connecting objects could be distinguished or referred to as range of large to small objects falling between heavy and minute objects of the existence.



Now, the sp-ti 0 point could be shown at only one place by turning the shadow cone in sideways as the particle could be incorporated with macro-scale objects using liquid graph. Fig 14 showing the unbent space line means the inability of minute object to bend the space, leaves its original nature of being waves and particles are floating on it. Fig 15 shows the extension of the graph on LHS where the

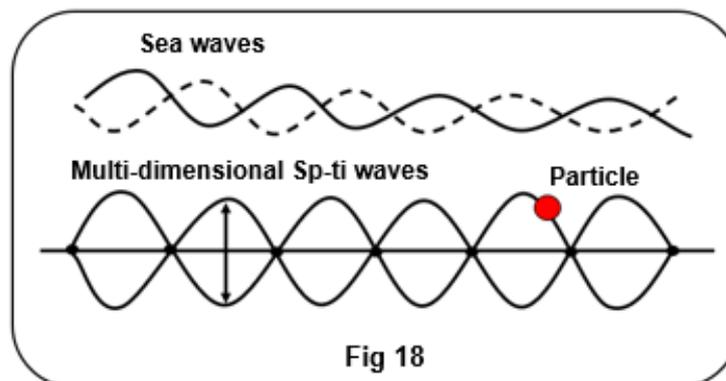
reference object is shown to touch the tolerance limit of the fluid medium. Means it is the start point of the heavy objects having no mobile space to swim but have to roll on the fabric or the surface of the fluid medium.

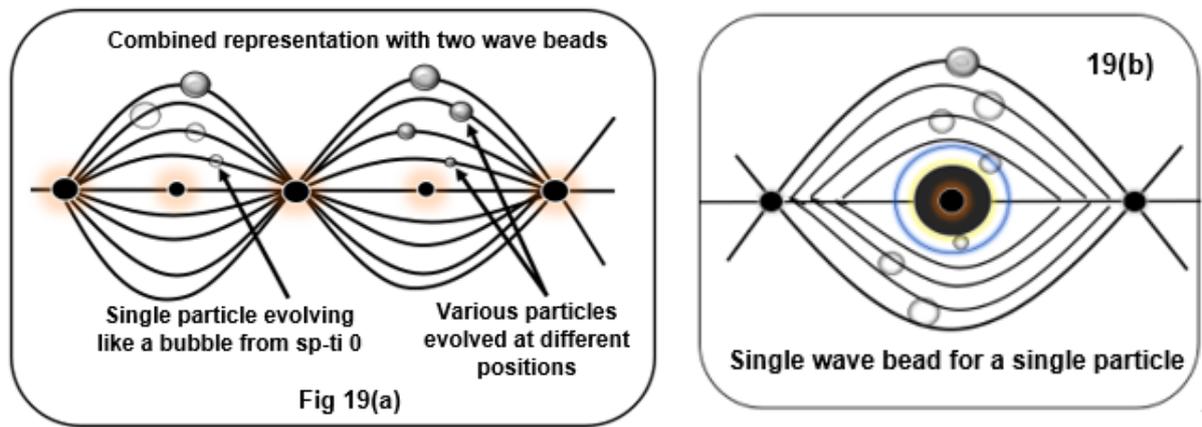
We shall mark the dimensional cone of space-time medium with Sp-ti 0 at the apex. Here, the minute dimension is associated with particle physics. According to the theory, this sp-ti 0 point is the singularity, however it is the replicated points distributed throughout the existence (Refer the book for details). We shall see some basic representations at quantum level and then move on to LHS of ref. object leading to “black holes”.



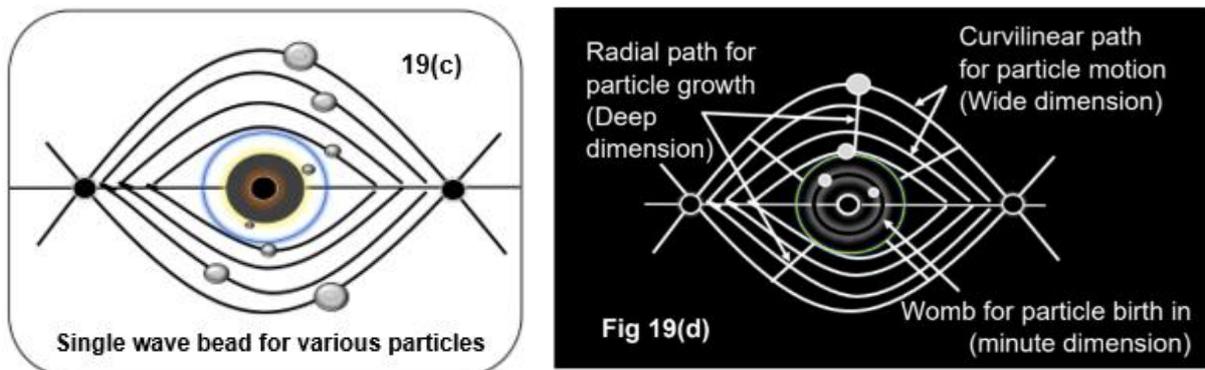
There is something called wave-particle, is distinguished from a solid particle in Fig 17. It belongs to a non-directional region of minute dimension indicating the super position of its existence. The space-time ocean waves are more basic than fundamental field waves. It could be represented by assuming Sp-ti ocean waves to be perpendicular to fundamental field waves.

Just for representation we pick up wave beads of the medium to show how a single particle evolves and also the evolved particles of various sizes occupy different positions in a multi-dimensional wave of space-time medium. All the mysteries of particle physics are clearly visualized and explained. Kindly refer to the book for more details of the same. Even, the path of communication between two entangled particles is shown connected internally through dimensions.



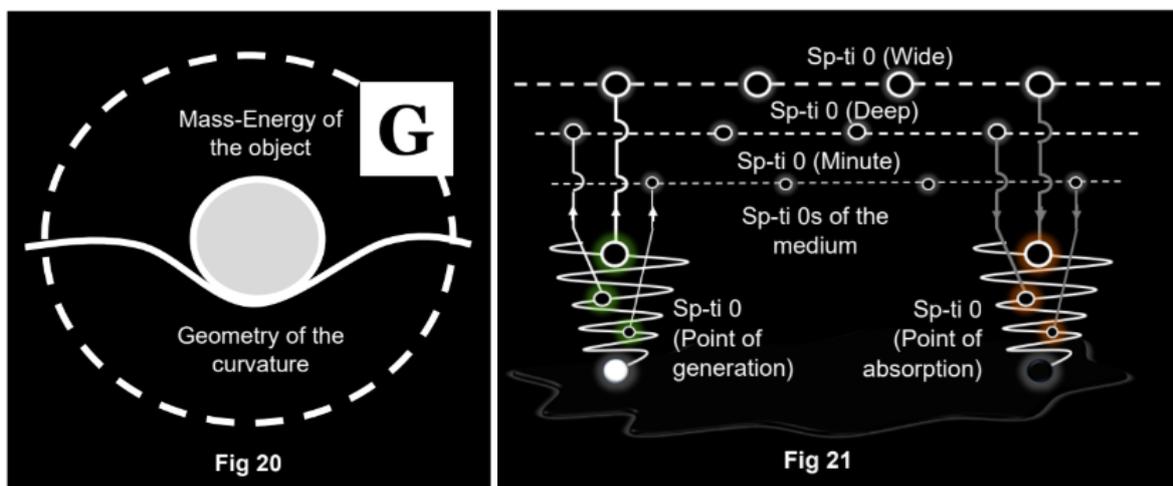


The human perspective has the shape of the cone; however, the microscopic scale is not accounted in the normal vision. We have incorporated it to make the shadow cone into a dimensional cone by fitting the cone of minute dimension near to sp-ti 0, otherwise the cone with wide and deep dimensions could only indicate that space is deep in all the directions. So, the minute dimension governing the speed of light is at some real depth. The time dilation is actually indicating the fact that space-time medium has a surface and depth and it is not about time at all, is an important note in space-time study.



5. GRAVITATION AT MACRO AND QUANTUM SCALE

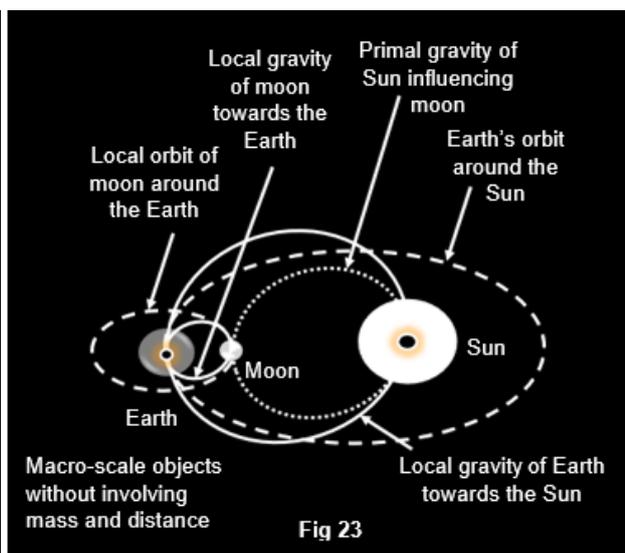
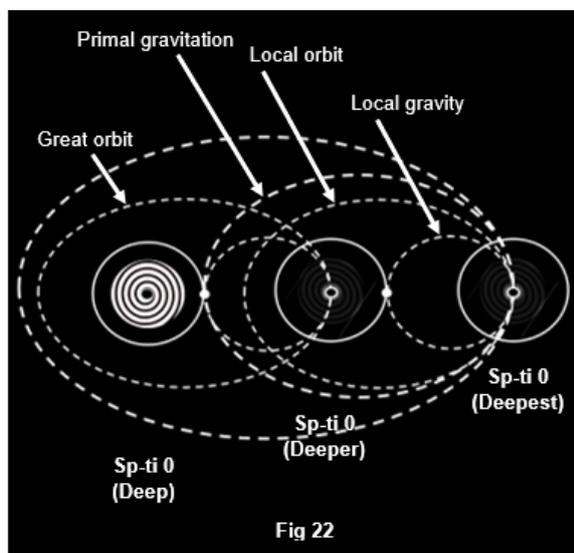
The gravitation in existing studies is interpreted using mass of the object that heavy objects such as Sun with its mass density bends the fabric to cause a deepest point common for all the planets in a solar system. And the planets too bend the fabric as per their mass density values. So, in general the curvature caused by an object is the reason for the tendency of secondary object to fall into or revolve around the first object. Means, even the Newton’s gravitation requires masses of two objects and the distance between them, but the Einstein’s interpretation involves a single object with its curvature caused in the fabric to be responsible for gravitation, eliminating the distance factor, Fig 20.



And in that way the field equation is derived to equate mass-energy of the object with the geometry of curvature caused by it. However, this is not the case at quantum level where there is no fabric behavior for an object to cause curvature and influence the second object. To explain gravitation at both macro and quantum scales, it involves three sp-ti 0 points. The dimensions constitute the human perspective with its grid opening, Fig 21.

At the depth of Sp-ti medium the singularity is not a single point but distributed ones in nature. Each point in the medium is actually an impeller that drives the medium with one face and draws the same on the other face resulting in absorption and generation force in the vacuum medium. Now due to this action there is a grid formation in space-time governed by the three real dimensions. The suction force of one face of the impellers is wrongly assumed for high gravity inside a blackhole. Imagine if handful amount of Sp-ti 0 points is considered, they align themselves to form a cone shaped swirl with surface and depth, leaving one sp-ti 0 of singularity to be the deepest among them.

Based on this, there is a minimum of three Sp-ti 0 points required to demonstrate gravitation common to both macro and quantum level, without involving any mass of the macro-object or a particle. The planets revolving around the Sun, the gravitation and the orbital paths are in fact from the quantum model constituting local gravity, Primal gravitation, local orbit and great orbit as shown in Fig 22. So, at quantum level the gravitation is happening between the two Sp-ti 0 points without distance factor but a minimum space which is actually a depth difference. This model of working at the macro-scale involves masses and distance between the two objects, only due to the presence of sp-ti fabric and its bending by general relativity but it is the curvature of sp-ti tolerance limit of the fluid medium as per Theory of Singularity. Further, fabric nature is baseless and observed as a behavior of space-time whereas tolerance limit is one of the properties of fluid medium which can accommodate quantum physics without any contradiction. In simple terms, planetary masses causing the curvatures which in turn demonstrating gravitation is an additional factor happening only at the surface of the existence and need not necessarily be the fundamental way of explaining gravitation.



Basically, gravitation is a working model associated with difference in depth of Sp-ti 0 points which is the same for quantum and macro-scale objects. Mass and distance are understood as additional factors.

6. THE TWO GRAVITATIONAL ASPECTS – ROPE AND FABRIC INSULATION AT SURFACE LEVEL

Universe is contained in an insulation medium called vacuum. As we know that heavy objects are bending the space-time fabric, then it is obvious that this fabric must be made of thick rope rather than a thread. When we consider a rope in our life, the purpose of the rope is to tie the object which means the rope has control over the objects. So, the bending of this rope by the heavy objects is meaningless that elasticity makes the rope lose its purpose. The bending nature is associated only with the elasticity. When we applied the fluidity, the heavy objects are said to be on the surface of the Sp-ti fluid touching its tolerance limit. Then the elasticity has insulated the raw liquid nature of the medium, like a 3D membrane and made it a liquid proof medium by blocking the Sp-ti 0 holes through dimensions. There are another pair of three real dimensions which are non-geometrical in nature (shall refer to the book).

So, fluidity is just an aspect in the Universe. We have to apply the nature to extract the details or solve the mysteries of existence.

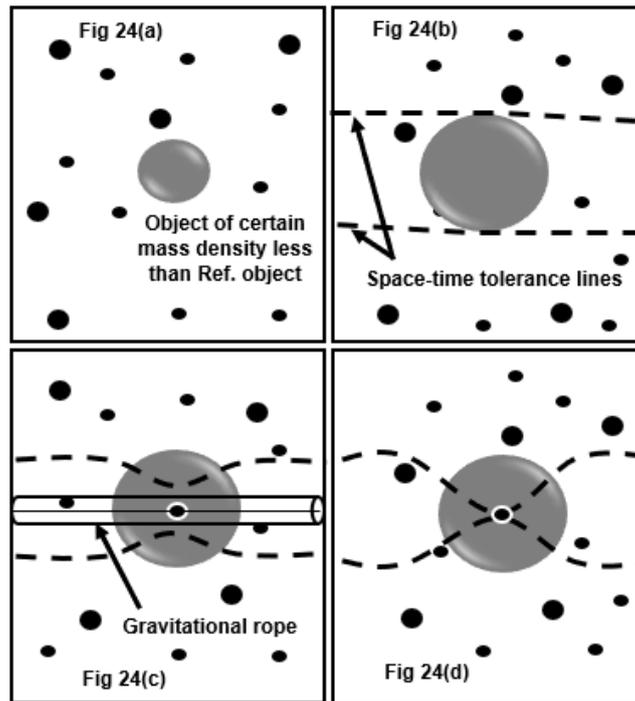
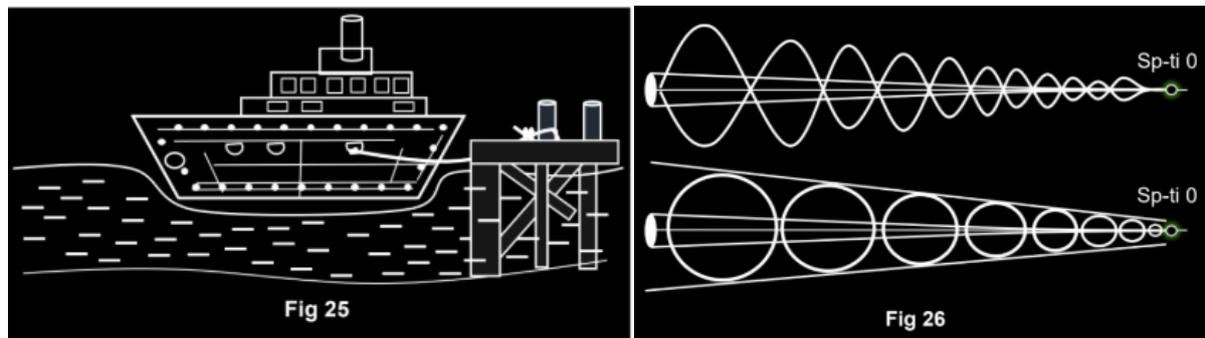


Fig 24 shows how an object of certain mass density less than the reference object is not accessing the tolerance limit and as the density of the object increase, it is coming into the contact of the tolerance line. For further increase in mass density the curvature is caused, means some tolerance is used up by the object. Even though the maximum limit of the curve is reached when it touches the core Sp-ti 0 point, it is still termed as Sp-ti tolerance minimum, the reason will be known in the fore coming drawings and see what is the maximum point limit, under the topic black holes. Now, we shall go in a sequence to analyze the gravitational rope. We will see a real-time illustration. Consider a ship tied with a rope in the port. Here ship weighing in tons is actually carried or borne by the medium i.e. sea water.

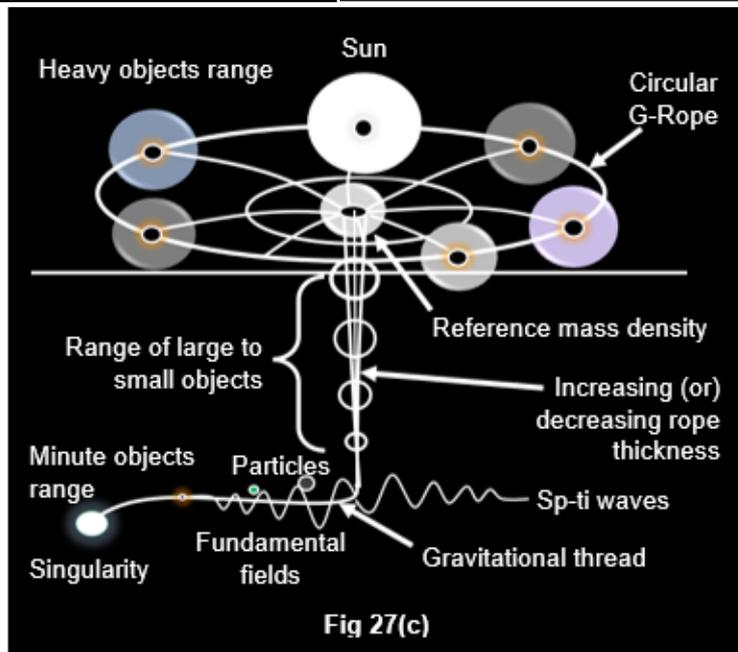
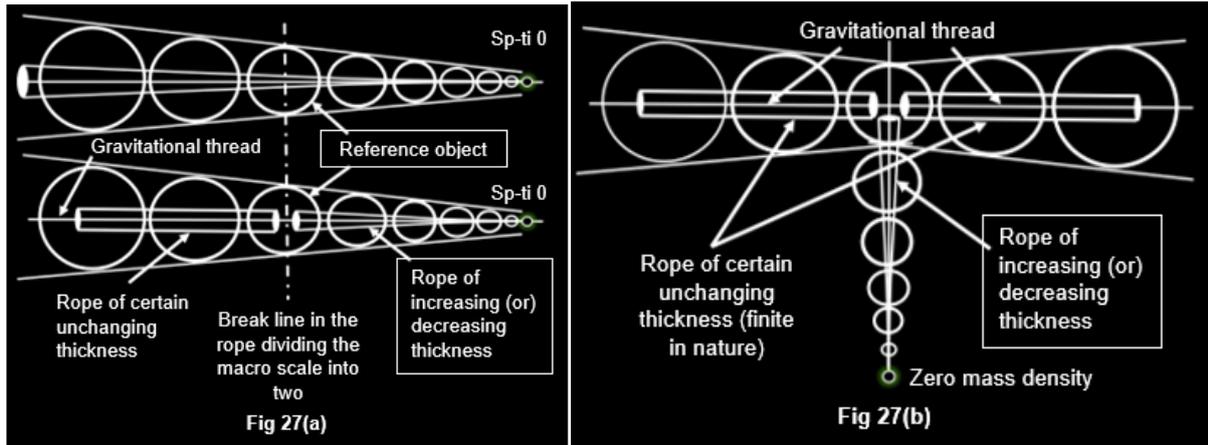


The rope is just a support to hold the ship. Same way the gravitational rope is used to hold the objects such as the planets belonging to a solar system and their working, such as revolving around the Sun in their orbital paths. Now we need to track this rope in the existence. The first step of analysis is to check how the rope is finite like where it starts and ends. For this, we assume a rope whose size is increasing from a point probably the Sp-ti 0. In Fig 26, it is shown to connect the waves that begins from quantum to macro-scale uniformly. This representation is a crucial technique that small waves emerging from origin i.e. the Sp-ti 0 point could be assumed for quantum range, increasing wave for large to small objects range and big waves for heavy objects to make a smooth connection. However, there are minute details to clarify about the waves that heavy objects are not floating objects as that of particles.

A pin made of stainless-steel sinks in water while a big ship made of same material floats on the sea. Here, the floating is not natural but a behavior of the object to float, has the difference. So, the ship at its bottom holding a single stationary wave is actually about the tolerance curve of the medium (sea) displaced by a ship is same as the Earth on Sp-ti fabric. So, the emerging waves on the surface of the water due to air sweep, to big waves due to cyclone has natural connection, while the wave of tolerance

curve to be included as a part. So, now we arrange the objects of uniformly increasing or decreasing size and allow the gravitational rope to pass their core points. Means, the rope containing the thread in its core will be an axis passing through all objects irrespective of the sizes of the objects. Now we shall mark the reference object in this rope to see the changes as shown in Fig 27(a). The break in the rope divides the macro-scale itself into two range of objects such as heavy and large-small objects. The broken tail end leading to singularity takes the path through minute dimension governing the atoms and particles. At no point the objects are left without gravitational thread to be noted.

The rope of same thickness at the surface of the medium in wide dimension indicates its supporting strength to bear the range of heavy objects. What will happen if the heavy object of certain mass density is exceeding the strength of the rope? The rope pulls the objects not to slip away for certain range, however beyond that limit, it allows the heavy object such as a neutron star to get away from the tied system, as the object starts to sink in the medium and lose its center of balance slowly.

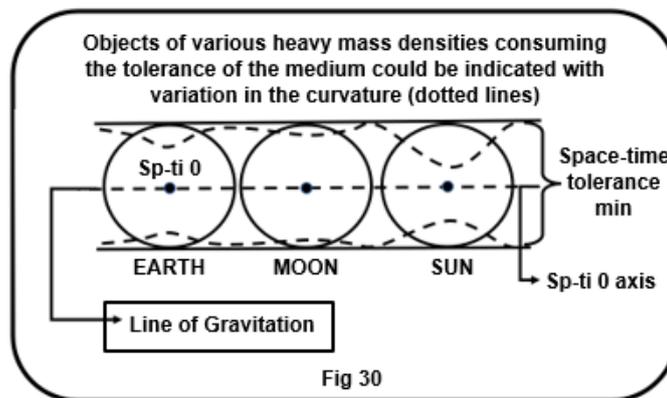
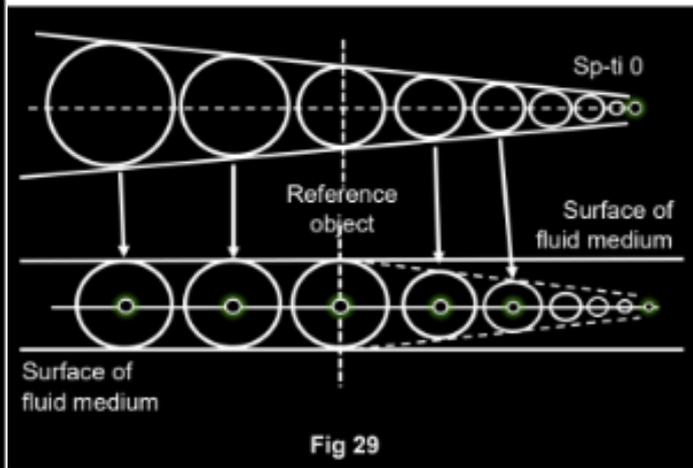
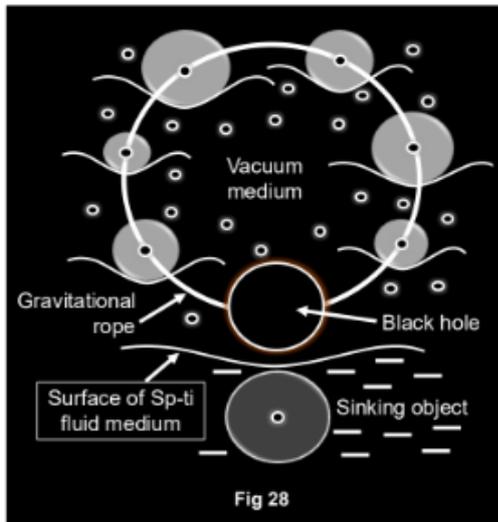


The blackhole is like an indication of hollow space left behind at the surface level by the heavy mass that sinks and dissolves to become one with the Sp-ti fluid medium. For now, we shall understand that the black hole is a hollowness caused in the vacuum which is a sort of filled medium (gaseous matter). However, it is not the real nature of a black hole, need to discuss more details on the same. We shall now solve the various sizes of the heavy objects to accommodate the liquid graph discussed before. It is discovered that, the heavy mass density of object causes curvature in Sp-ti fabric. Means, it is irrespective of volume of the object as it is possible that object of small size to weigh heavy than a large object of less mass density. So, representation could be solved as shown in Fig 29.

The objects of various mass densities are confined within the Sp-ti tolerance minimum from where further increase in mass density more than reference object consumes available tolerance. So, the variation is shown with the amount of bending with respect to the object’s mass density. The Sun, moon

and the Earth in Fig 30 are supposed to be shown on the LHS of reference object. This representation also solves the problem of whether an object is bending the sp-ti tolerance inwards or outwards. In that case, it is one-half of the representation. The other half showing Sp-ti tolerance maximum could be seen in the following topic (black holes). As we said earlier, the thread running at the center of the gravitational rope is the axis for heavy masses to pass through their centers and in case of particle it the axis of the fundamental field wave, Fig 27(c). The Sp-ti tolerance min is a pair of lines accommodating the objects, enables a 2D cross-sectional view.

This tolerance of the medium is surrounding the heavy object in all the directions. Fig 30 shows the minimum of two surfaces to show the finite nature of the medium to track, how an object evolves from the point of creation to destruction. The Sp-ti 0 point, where the evolution begins is seen so far, which is discussed till some objects heavier than the reference object. Now where it terminates shall be seen.



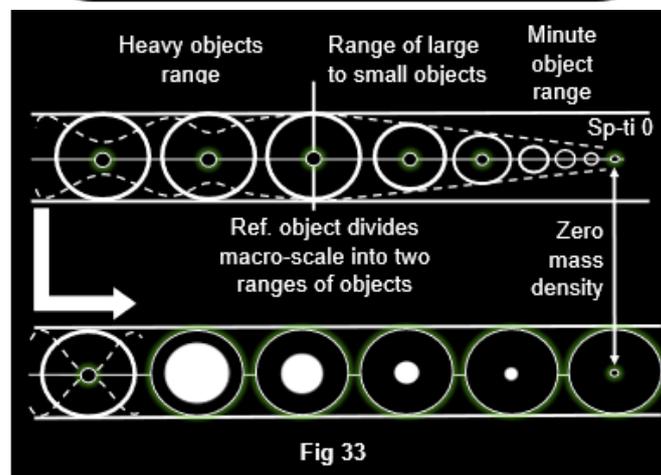
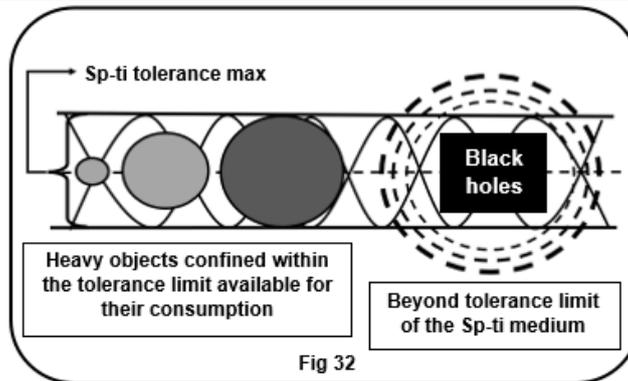
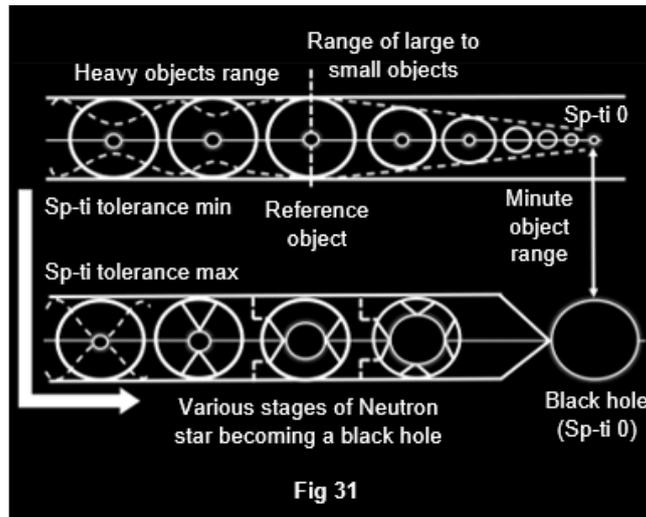
7. BLACK HOLE - THE REAL NATURE IS NOT A HOLE

The heavier objects of increasing mass densities could be shown on the LHS of reference object and the variation is followed in terms of increasing bend in the curvature which eventually touches the center line or Sp-ti 0 axis of the representation.

Now, is it the maximum point? No, the tracking could be continued further. The neutron star indicated with dark shade (Fig 28) is the heaviest object in the existence irrespective of its volume, this has the dotted curvature lines shown from the surfaces above and below (Sp-ti tolerance min lines) to have reached the axis line, Fig 31. A black hole starts to develop from this point. So, the representation has to continue but the pair of lines denoting the surface of the fluid medium, now accommodating this single object (neutron star) is called as Sp-ti tolerance maximum. Thus, the representation is said to have two parts in it.

This idea could be better understood with Fig 32, in which the axis line is the Sp-ti tolerance minimum such that the large to small objects range is hidden and the starting point in the axis begins with reference

object as a dot in it. Further increase in mass densities of objects is shown with increase in size of the object. Again, the size factor denotes only the mass density and not the volume of the object, to be noted.



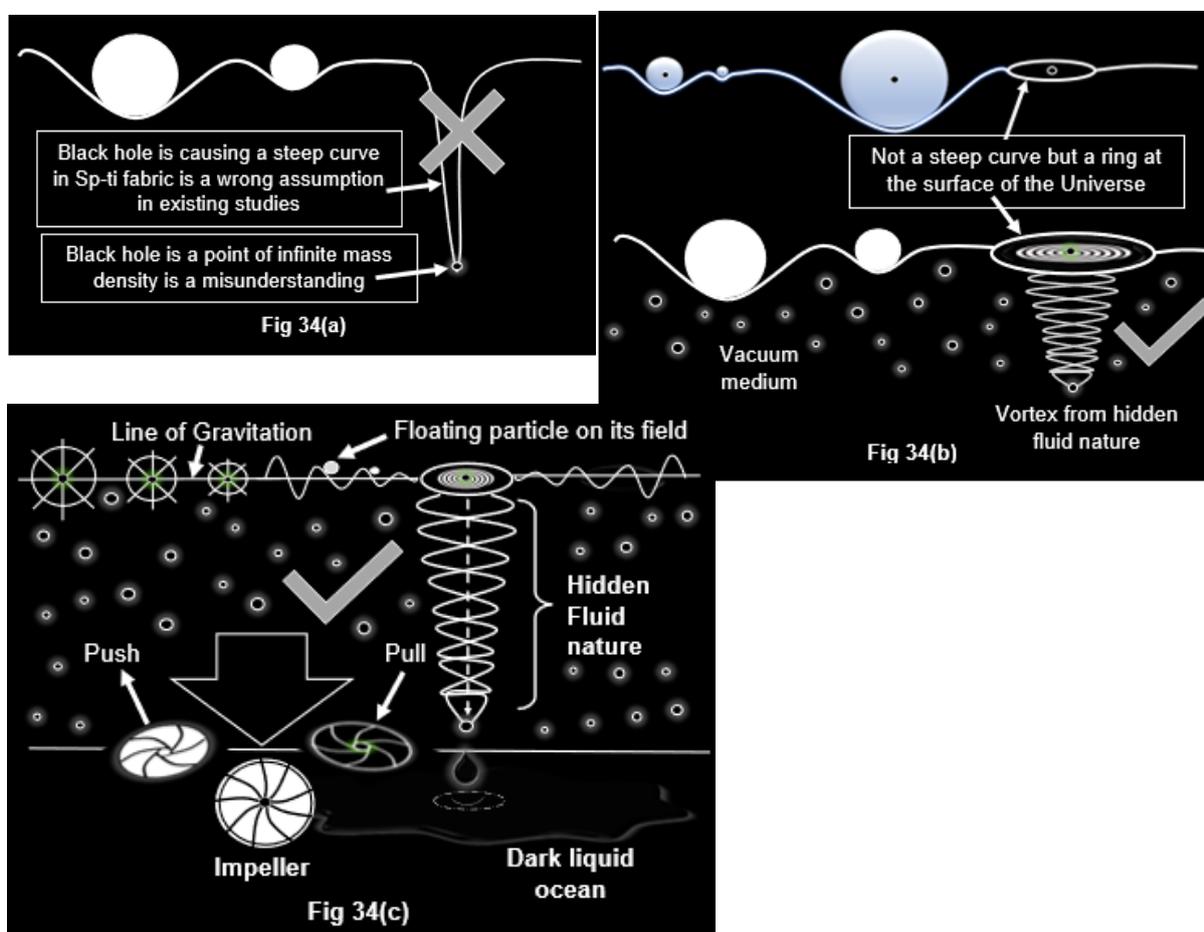
The wave form indicates the total tolerance available for the objects and the maximum limit reached by the object is well within the tolerance max lines. Beyond this point there is no object to exist but the black holes. The process of neutron star becoming a blackhole could be tracked by simply flipping the representation. It shows diminishing mass of the object instead of hole developing from its center. The size of the black hole to remain the same while the object continuing to reduce in volume or mass is a complication involved here.

The real nature of black holes could be seen in the course of discussion. Now, in this way the object reduces to the point of zero mass density which is same as the Sp-ti 0 point, means the object does not exist at this point. In that case, a black hole irrespective of its size could contain numerous Sp-ti 0 points in merged form, in which each point even at its surface has no space for any object. In that case, how

shall we think of an object entering into black hole ever? This also means, a black hole despite of its larger size, it is smaller than a quantum object in nature, as it is the position of zero in the Sp-ti scale.

Next, the general theory of relativity has predicted the black holes to exist, whose visualization could be represented as shown in Fig 34(a) (existing studies). However, black hole is just a ring and to be shown as a loop formed in the surface of the Universe. The vortex formed in the black hole is actually the hidden fluid nature wrongly assumed for high gravity inside it. This swirl is governed by impeller action at the depth of space-time medium. It is not a physical depth but a dimensional one and Fig 34(b) shows only a projection in paper and not seen in the vacuum medium.

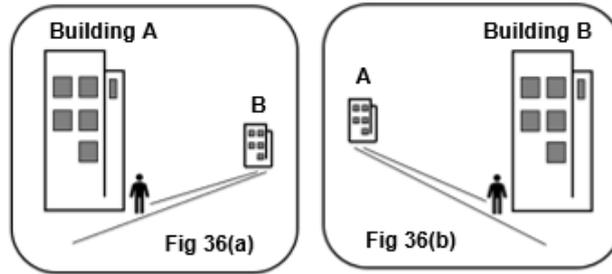
The process of destruction in a black hole is at quantum scale and the macro-objects cannot enter into it, as it is thought to be an open hole or hollowness for objects. To near the black hole is impossible and it is like looking into the water well without falling into it. We are able to see the black holes from a distance only because of the reason that the space we live is not disturbed by it. In fact, we live in a safe space limit left by the blackholes themselves. The direction of travelling towards a black hole is also deceptive as it would allow only to roam around within the safeguarded limit without actually realizing it, to be understood. We move on to analyze the ring structure of a black hole at the surface of the medium. This is the Sp-ti grid shown in Fig 21 but has circle appearance which is same as Earth, is a globe from space but it looks flat for a person on ground.



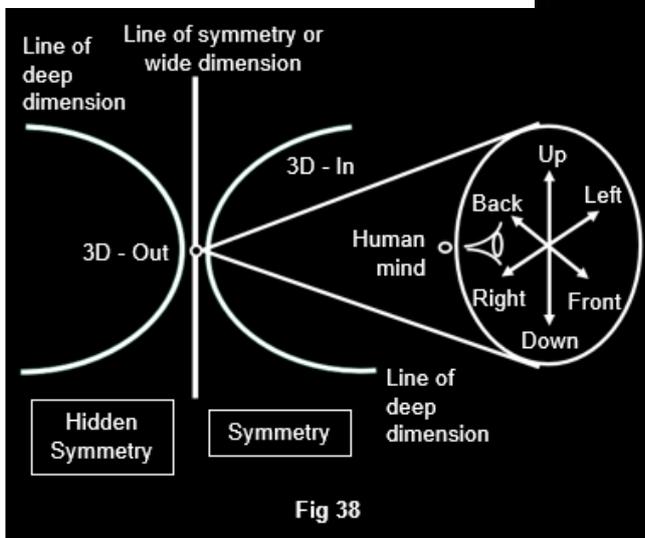
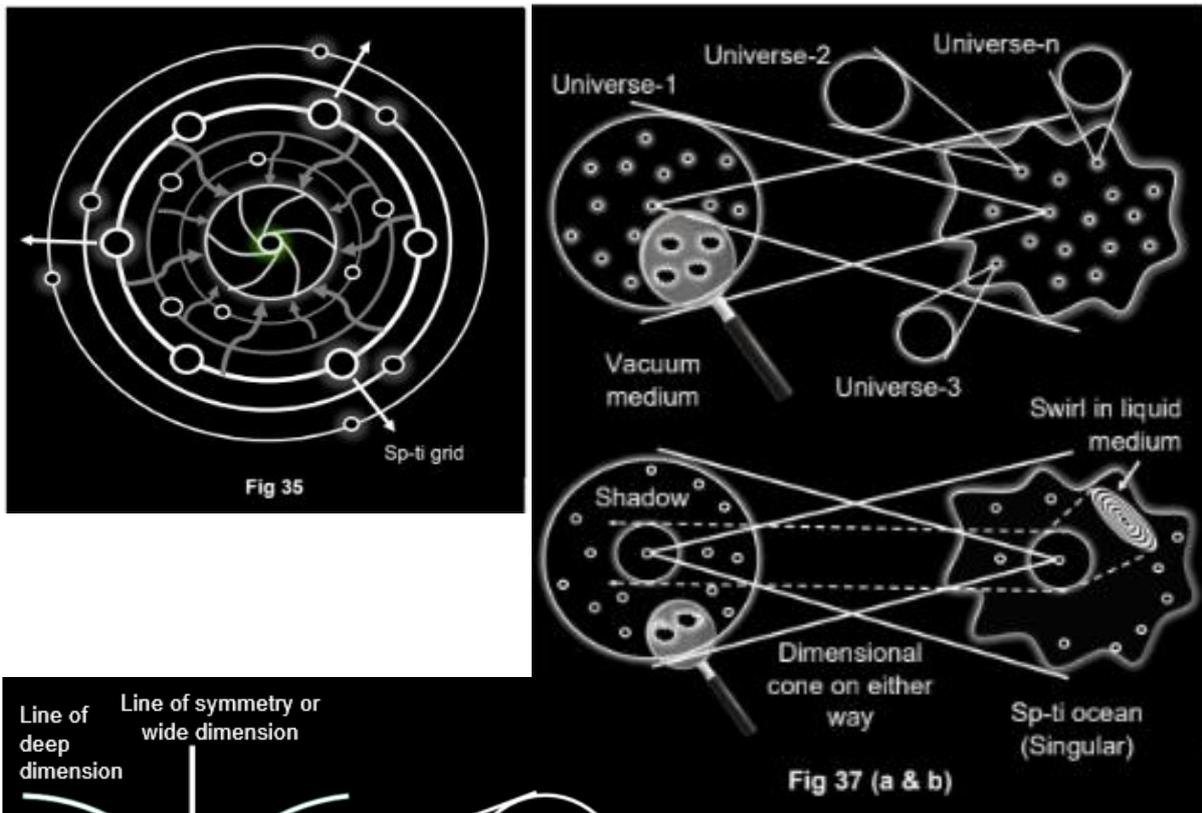
This means that, when we mark a distant black hole and reach to the point, we would not see the black hole, the space-time would be flat and normal as it is everywhere. It is a dark shadow that disappears or clears as we move on. Again, the destruction process is actually happening at the depth and could not be approached unless we are called by a black hole. The space we live is as light as a bubble unaffected by the stirring impellers in the Sp-ti ocean. Now, shall see an illustration that serves the basic for this dark shadow to fall in the Universe.

We consider two identical buildings, A & B of same size separated by a distance. Now, even to see the identical buildings to be of same size, there is a singular point common and equidistant between the two

buildings. If this point is missed, then one of the buildings start to appear smaller or larger than the other one. Literally, observer from building A would see the building B to be small and vice versa from building B. The appearance factor is an important one, which is not considered at all in theory of relativity.



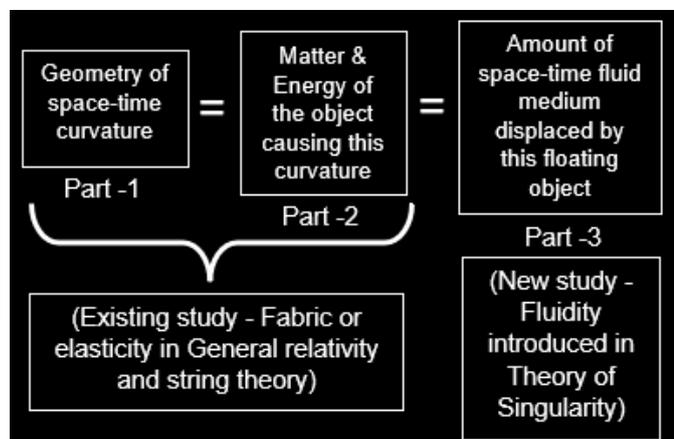
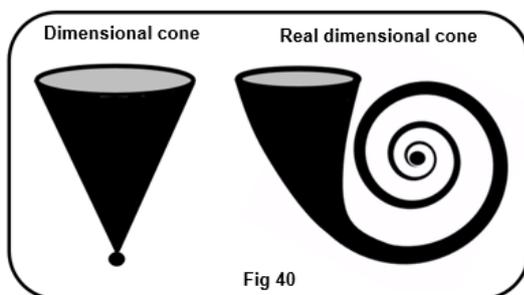
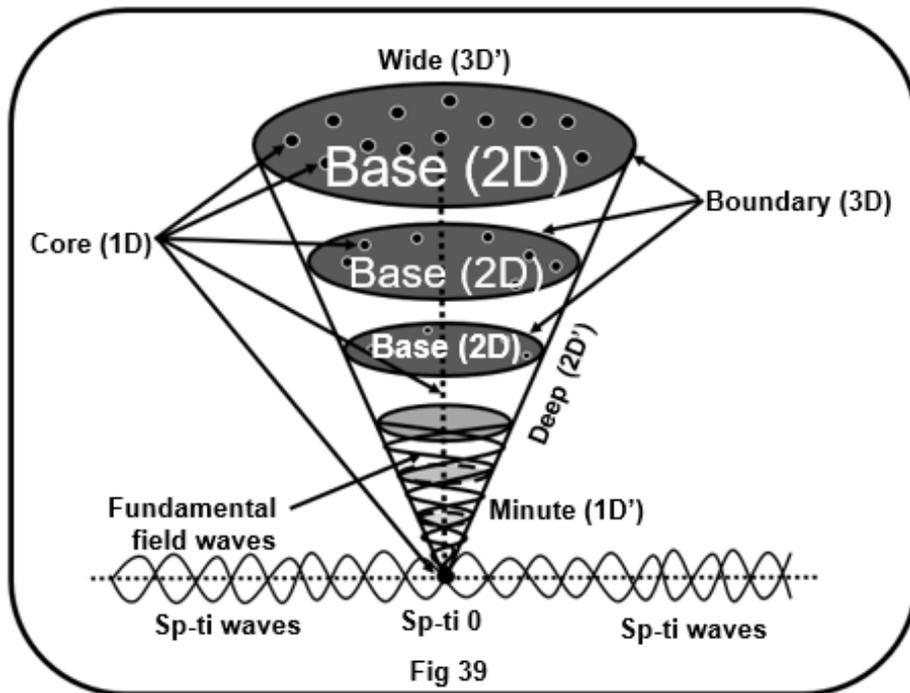
This variation in appearance is governed by the shadow cone. Means, if the real dimensional cone is applied here, then the Universe we live is a point in Sp-ti ocean and vice-versa. But the only difference is, Sp-ti ocean is singular whereas the Universe could be multiple in nature. Fig 37 shows the dark shadow of the swirl caused in the liquid medium is falling in the Universe we live. This shadow covers the destruction process at the real unreachable depth and the event horizon of the so-called black-hole is just an appearance.



The term black hole itself is wrong as per theory of singularity. Thus, the separation of two media of the space-time reveals the real nature. For more details and diagrams please refer to the published works documented in book format and the also previous articles to see how the ideas are developed through years of efforts. The human mind is not a base in the medium, it is struck between the duality of 3D-in & 3D-out as shown in Fig 38. The reality is opened for human perspective like 2 half dimensions held back-to-back each other.

8. CONCLUSION

The mind is positioned in between 3D in & out to see only one half of the reality at a time. Thus, half - knowledge serves the never-ending research for human understanding. A.I is a projection of mind through thoughts whereas natural intelligence is about moving deep in consciousness not using the mind but understood through feelings. Imagination is common to both, as the knowledge perceived has to take the form of a book that contains writings and drawings for everyone’s learning, interpreting and visualization. A.I leads humanity to machine-like being (Robotic) whereas N.I has the root towards the oneness of existence called singularity, which is “everything” in terms of source and “nothing” in terms of destination. Fig 39 & 40 shows the geometrical and non-geometrical set of dimensions and their cone shapes respectively.



The theory of relativity is a half-truth, then does it mean, half of the work is done or half of the work is remaining? No. The perspective has reached a maximum limit and cannot proceed further, have to give it up to go for a whole new perspective. So, the theory of Singularity proposed now, henceforth open

for criticism, and acknowledgement. It is hopefully intended to be a contribution for high school education...Thanks.

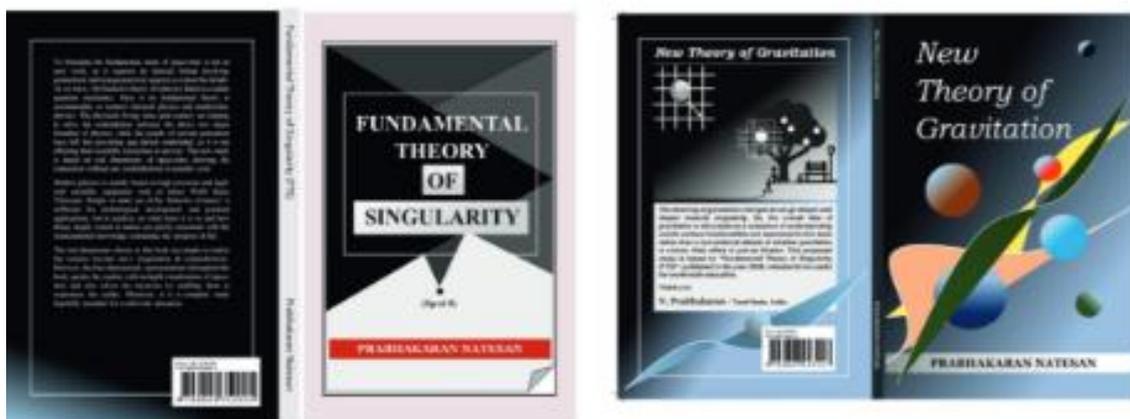
REFERENCES

Published articles:

- [1] Self-reference_13: New theory of Gravitation – Based on Fundamental Theory of Singularity (FTS). [Volume 12, Issue 01, 2025]. (IJARPS –www.arcjournals.org).
- [2] Self-reference_12: Fundamental Theory of Singularity; Formulated study – 3. [Volume 11, Issue 01, 2024]. (IJARPS –www.arcjournals.org).
- [3] Self-reference_11: Fundamental Theory of Singularity; Formulated study – 2. [Volume 10, Issue 10, 2023]. (IJARPS –www.arcjournals.org).
- [4] Self-reference_10: Fundamental Theory of Singularity; Formulated study – 1. [Volume 10, Issue 08, 2023]. (IJARPS –www.arcjournals.org).
- [5] Self-reference_9: New Study of Gravitation in Singularity. [Volume 10, Issue 04, 2023]. (IJARPS –www.arcjournals.org)
- [6] Self-reference_8: Fundamental Theory of Singularity. [Volume 10, Issue 03, 2023]. (IJARPS – www.arcjournals.org)
- [7] Self-reference_7: Fourth dimension of space-time – Study of gravitation; part-2. [Volume 10, Issue 02, 2023]. (IJARPS – www.arcjournals.org)
- [8] Self-reference_6: Fourth dimension of space-time – Study of gravitation; part-1. [Volume 10, Issue 01, 2023]. (IJARPS – www.arcjournals.org)
- [9] Self-reference_5: Fundamental study of space-time – (Zero, One and Infinity). [Volume 10, Issue 01, 2023]. (IJARPS – www.arcjournals.org).
- [10] Self-reference_4: Particle physics based on real dimensions of space-time. [Volume 9, Issue 10, 2022]. (IJARPS – www.arcjournals.org).
- [11] Self-reference_3: General relativity Vs Quantum mechanics; Incompatibility solved with real dimensions of space-time. [Volume 9, Issue-9, 2022]. (IJARPS – www.arcjournals.org).
- [12] Self-reference_2: Length contraction and time dilation are experimental but non-physical variations in space-time. [Volume-9, Issue-8, 2022]. (IJARPS – www.arcjournals.org).
- [13] Self-reference_1: Length contraction and time dilation with real dimensions of space-time. [Volume-9, Issue-8, 2022]. (International Journal of Advanced Research in Physical Science (IJARPS – www.arcjournals.org).

Published books: (Available in online stores – Notion press, Amazon, Flipkart etc.)

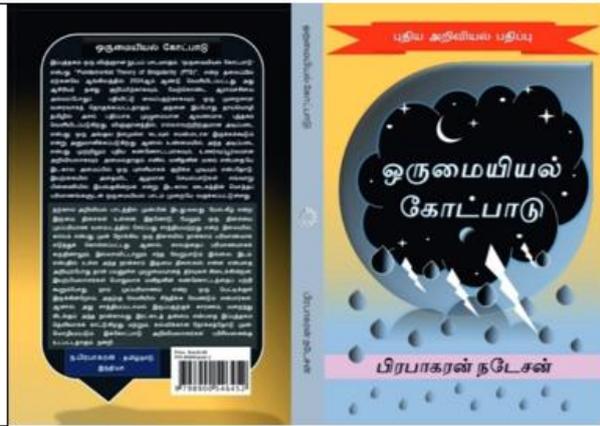
- [1] “Fundamental Theory of Singularity” (Jul 2024)
- [2] “New Theory of Gravitation” (Mar 2025)
- [3] “Theory of Singularity “–Tamil Edition in the title: Orumaiyiyal Kotpaadu (Oct 2025).



AUTHOR'S DETAILS



Prabhakaran Natesan,
Tamil Nadu, India.
[shanatcop@gmail.com]
B.Sc. Physics (2006-2007)
Madras University –
course discontinued.
B.E in Electrical and
Electronics Engineering
(2007-2011) – Affiliated
to Anna University,
Chennai.



Citation: Prabhakaran Natesan. "Theory of Singularity – The Proposal" *International Journal of Advanced Research in Physical Science (IJARPS)*, Vol 13, issue no. 01, 2026, pp. 1-19.

Copyright: © 2026 Authors. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.