

Fourth dimension of space-time - Study of gravitation; part-2

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Abstract: Fourth dimension of space-time exists with the obvious loop holes between non-geometrical nature and geometrical working of space-time. These loop holes allow the main dual aspects such as gravitation-orbitation to emerge out from or end into $sp-ti$ 0s, as paths for creation, motion (life-hold) and destruction of the objects in space-time. Small elementary particles to atoms have its path through these loop holes ($sp-ti$ 0s) for appearing and disappearing in existence and even have a connection called quantum entanglement between two particles which is unlike a measurement that could be made in wide dimension between them externally. Fourth dimension is responsible to show a vast different kind of living and non-living objects to exist, as colors of life, constituting the Universe. However, every object is same as one another when those differences are fundamentally solved in absolute perspective. Thus, fourth dimension closes its loop again to reach or connect to zero dimension of space-time, termed as 'singularity'.

Key points:

- (i) $Sp-ti$ 0 axis passes through the loop holes of space-time and the line of gravitation grows like a rope through it from the depth of space-time to the point of creation of objects. And circle of orbitation develops like a belt for objects to revolve around the center of gravitation.
- (ii) Local gravity and local orbit appear to be stronger like rope and belt respectively on the surface of space-time. However, every object is mainly under the influence of 'primal gravitation' and 'great orbit' from the object on its root side which in turn controversially assumed to be like thin threads from the point of their emergence.
- (iii) The initial force of existence is said to be unknown so far in the existing science, but the truth is, singularity is a self-source and self-existing nature. The coiled path towards singularity is self-spinning and always in motion by nature.
- (iv) Drawing the picture of dark and white lines nearing to or emerging from $sp-ti$ 0 on a wall which is two dimensional, would still start to function as a cutting wheel rotating at high speed, which we call it an optical illusion. But it is the actual mechanism of space-time in reality while the life we live is absolutely a projected illusion.

Keywords: $Sp-ti$ bubble, surface black holes (open), quantum black holes (closed), multi-dimensional lotus of $sp-ti$, $sp-ti$ pollen of lotus, blossoms of vacuum, gravitational stoppers, confined $sp-ti$ waves, liquid dark matter, $sp-ti$ ocean.

1. INTRODUCTION

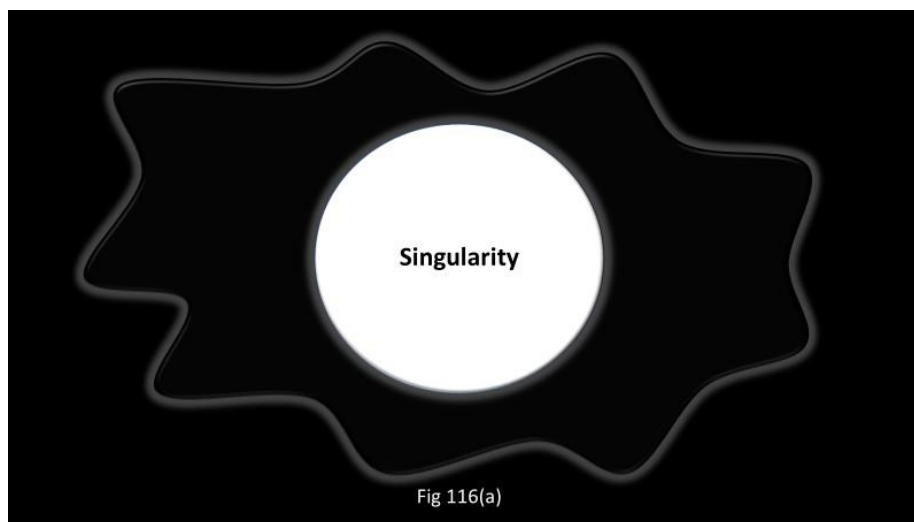
- The loop holes said to exist between the non-geometrical nature but geometrical behavior of space-time could also be interpreted as a cutting wheel, whose inside edge is spinning the non-geometrical nature and the outer cutting edge detaches the geometrical behavior for the existence of life, governed by universal laws of physics.
- The reason for every rule to have an exception in life is, due to the fact of loop holes in space-time. In fact, no scriptures or studies could be formulated to explain the life to be constant, meaningful and ever-existing. Attempting to which in terms of proposed concepts could survive only for a period of time and get changed or over-ruled with new explanations by on-coming generations of the world.
- Also, it is not that the term 'space-time' is coined in past century and new for studies. The truth is, few people (exceptional) always fall into space-time when they slip out of the conventional beliefs of the world, in their very lives. Such people could clearly see through the particle nature of life

(deep) being controversial to general laws of life (surface level). Thus, they remain dumb to the regular people running for survival. Human body and mind are the greatest scientific tools, if surrendered for space-time to flow-through, rather than all sorts of lab equipment invented for research.

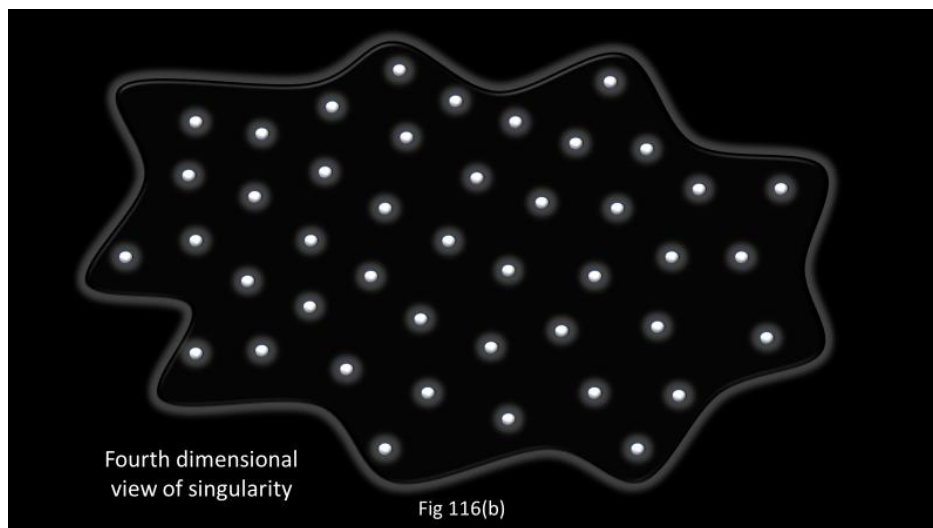
1.1. Table of Real Dimensions

Table of new discovered dimensions in space science			
S. No.	Real Dimensions of space-time (In terms of Aspects)	Path / Nature	Object oriented perspective in space-time (Physical understanding)
0	Space-time	Zero / Singularity	Base (0D)
1	Minute	Oscillation	Waveform (1D)
2	Deep	Radial	Deep Radius rd (2D)
3	Wide	Curvilinear	Length L, Width W (3D)
			Height H, Radius R (3D)
4 (a)	Gravitation	Line	Rope (4D)
4 (b)	Orbitation	Circle	Belt (4D)

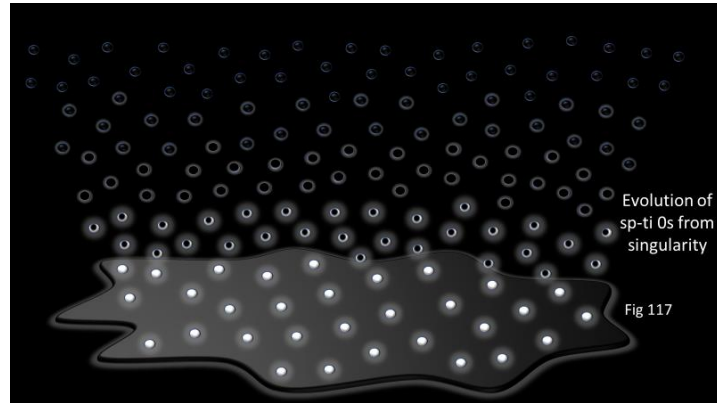
1.2.Zero Dimension of Space-Time



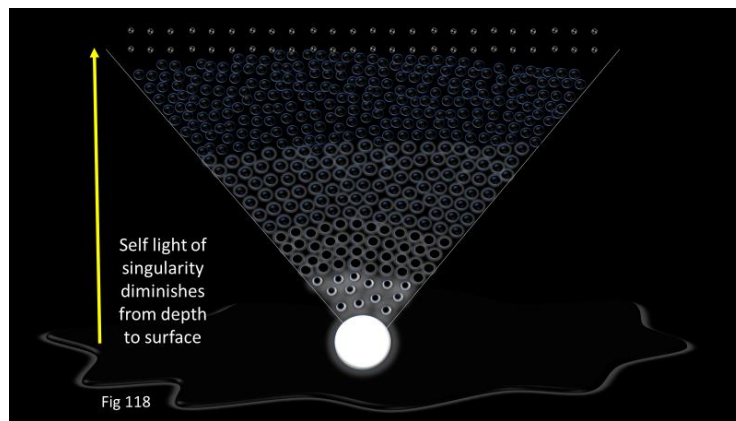
(Single line drawings shall be considered to have drawn in space-time itself)



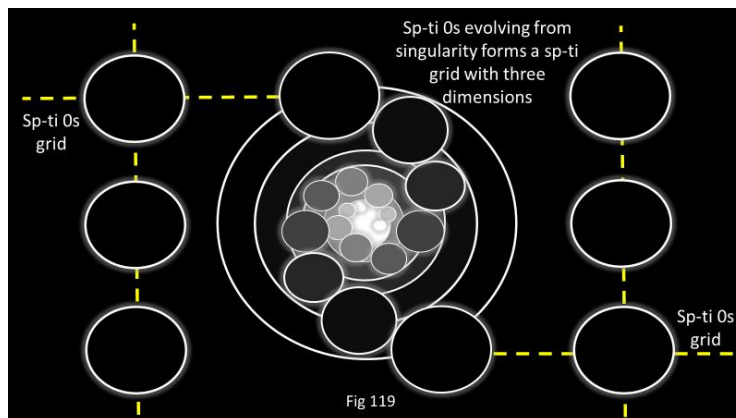
2. EVOLUTION OF SP-TI 0S FROM SINGULARITY



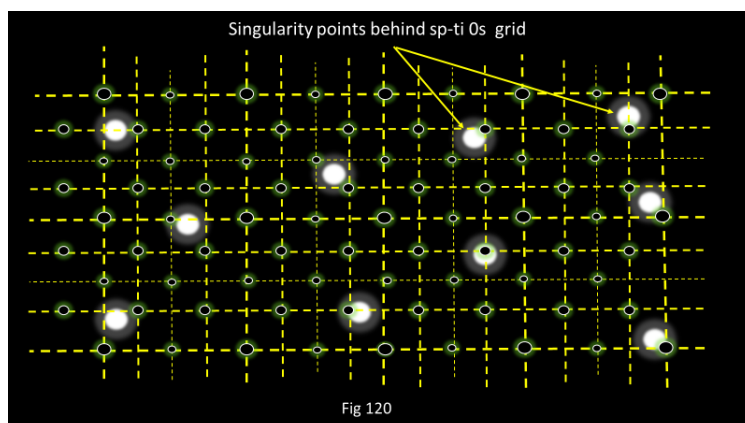
2.1. Singularity – A Self-Light Source



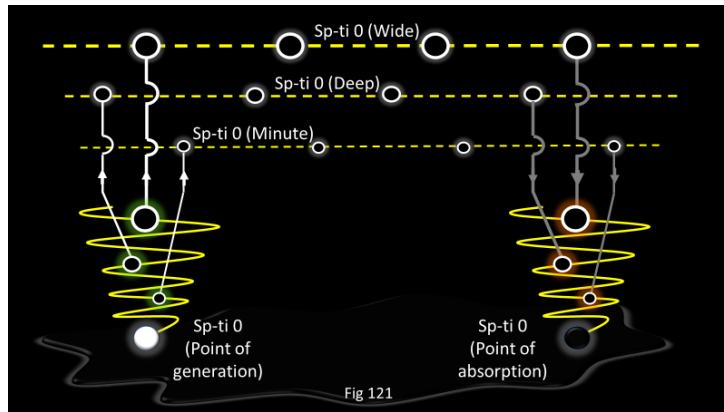
2.2. Formation of Space-Time Grid



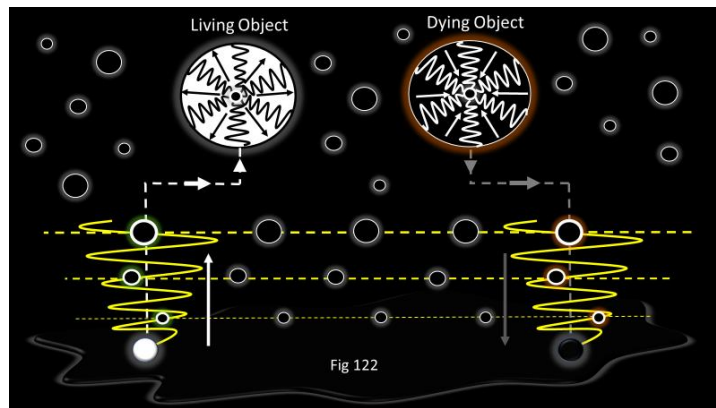
2.3. Singularity Points Behind Sp-Ti Grid



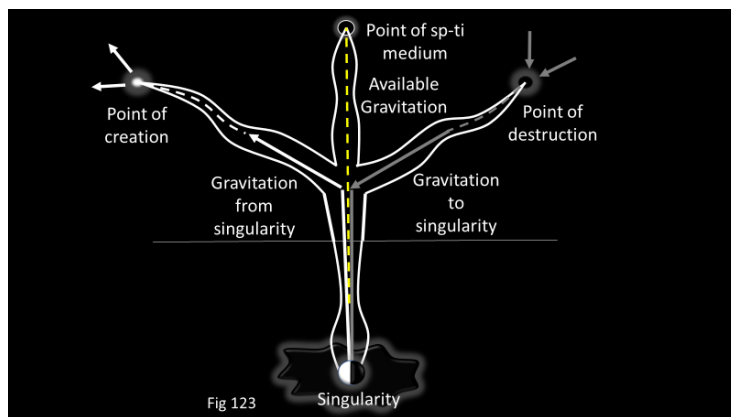
3. SP-TI GRID (FUNCTIONALITY) AND DIMENSIONAL SP-TI OS (NATURE)



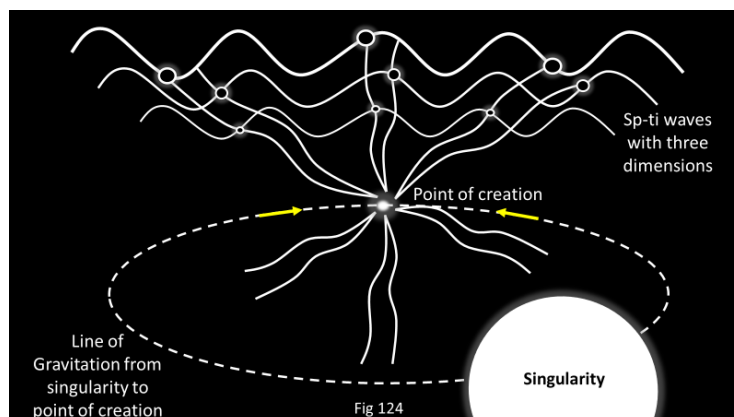
3.1. Understanding Connection of Objects with Singularity



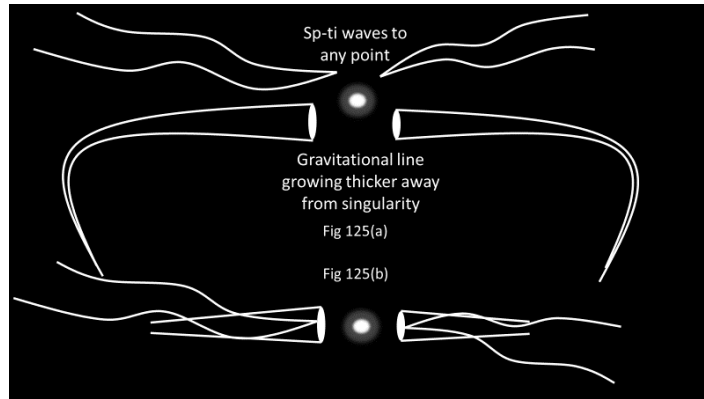
3.2. Gravitation to and from Singularity



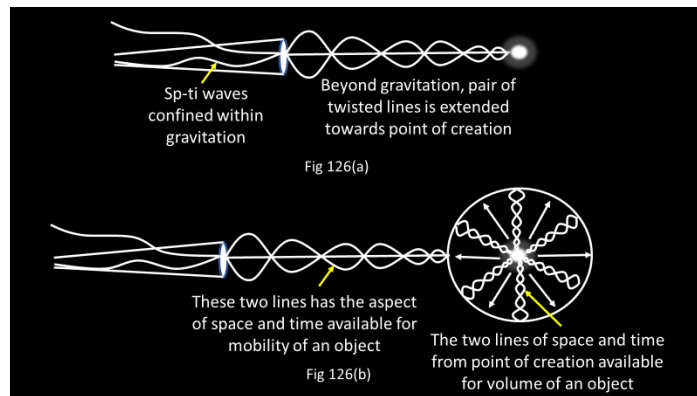
(Single line drawings shall be considered to have drawn in space-time itself)



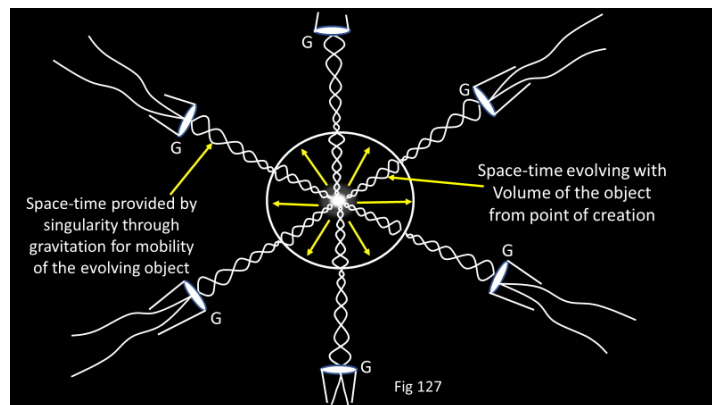
3.3. Gravitation is a Rope Growing from Singularity



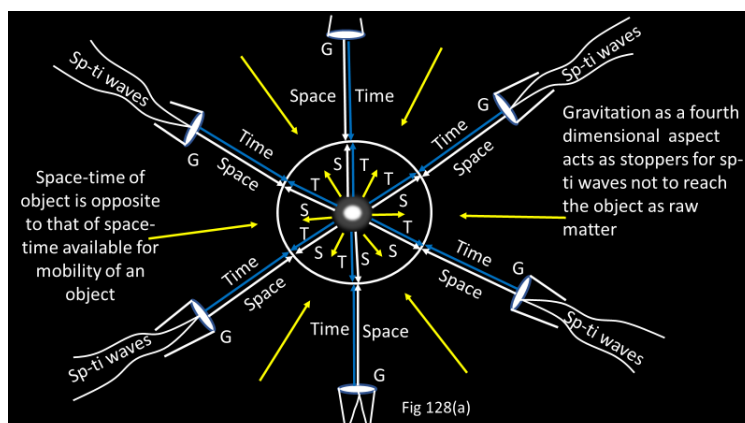
(Single line drawings shall be considered to have drawn in space-time itself)



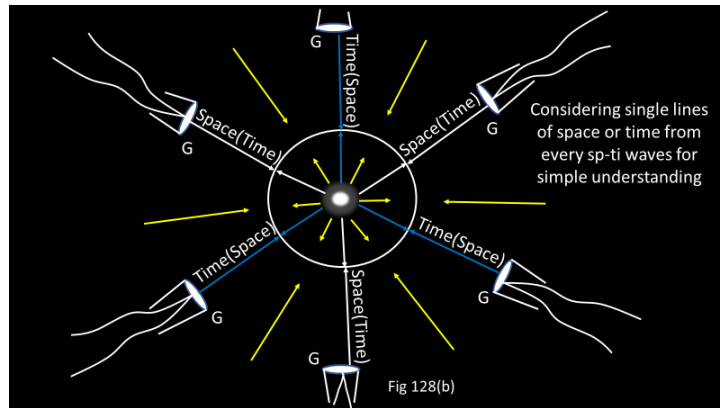
3.4. Gravitation is a Non-Physical Aspect, in & around Object



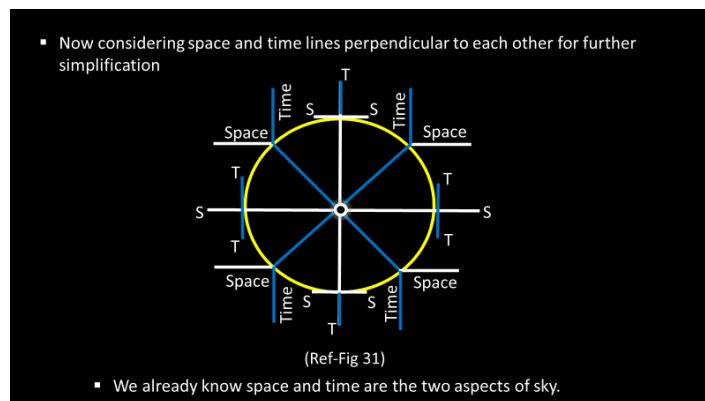
(Single line drawings shall be considered to have drawn in space-time itself)



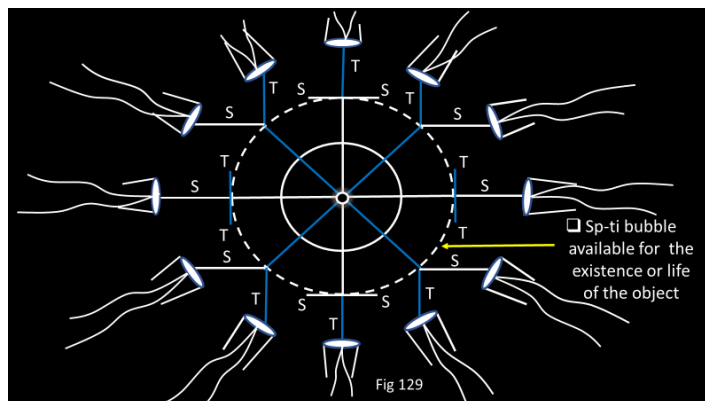
4. SPACE -TIME FOR MOBILITY AS WELL AS VOLUME OF OBJECTS



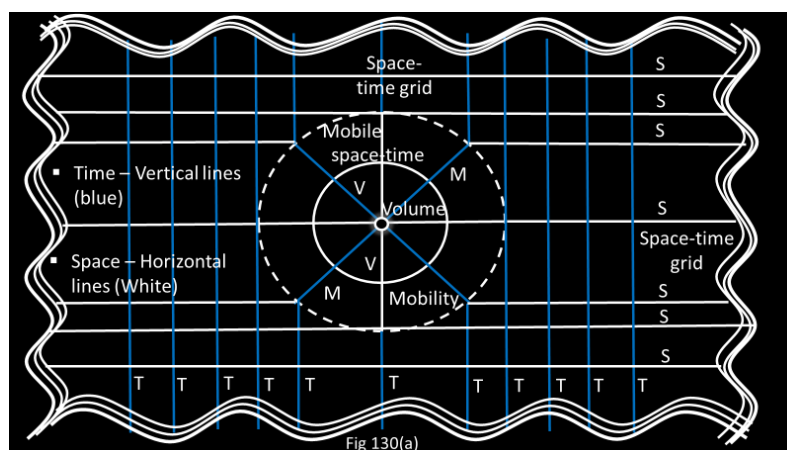
(Single line drawings shall be considered to have drawn in space-time itself)



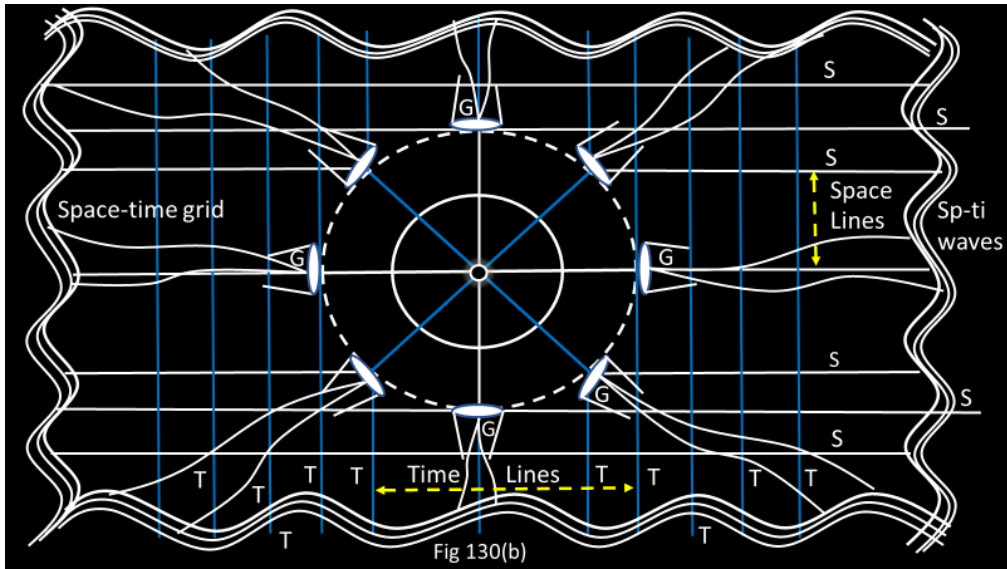
4.1. Space-Time Bubble Around the Object



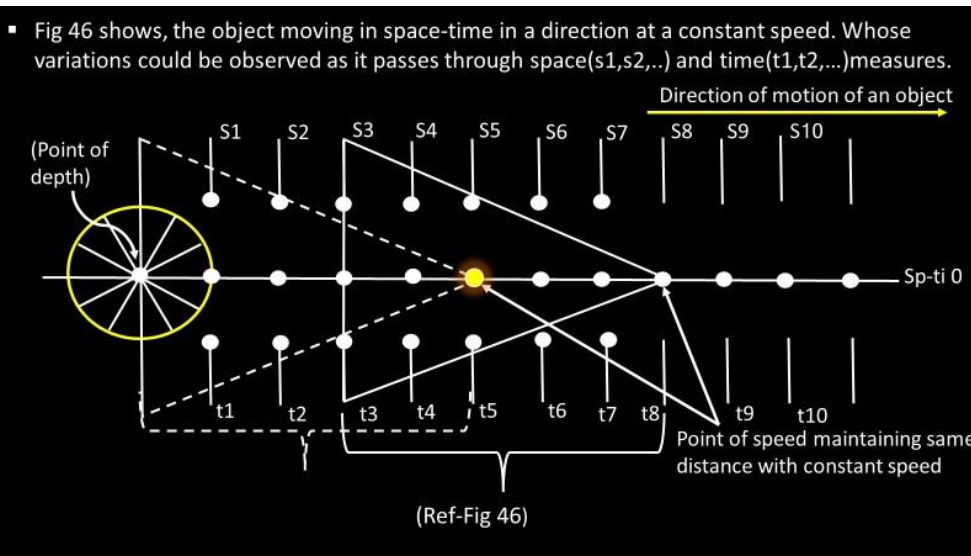
[The content (drawings and explanations of gravitation) of this journal is a self-discovery]



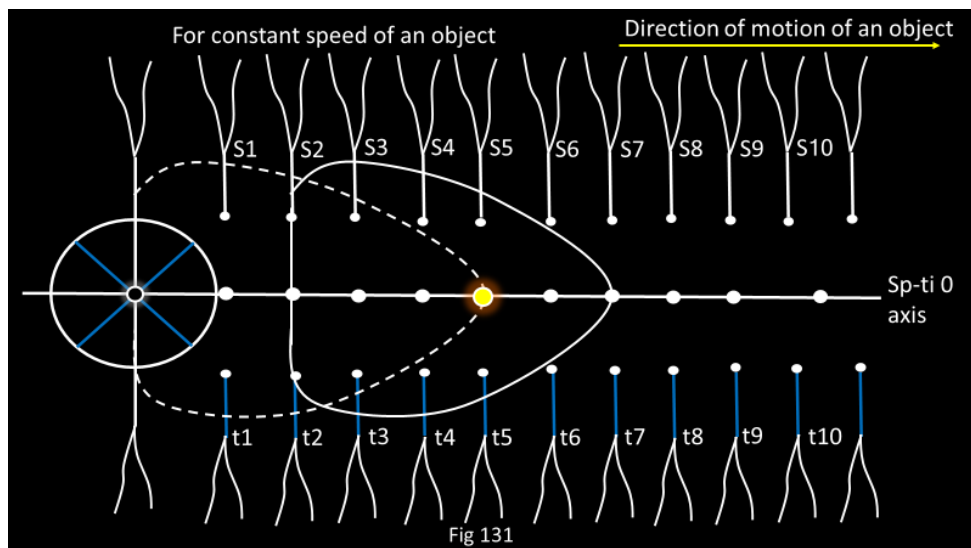
4.2. Space-Time Grid in Foreground of Gravitation



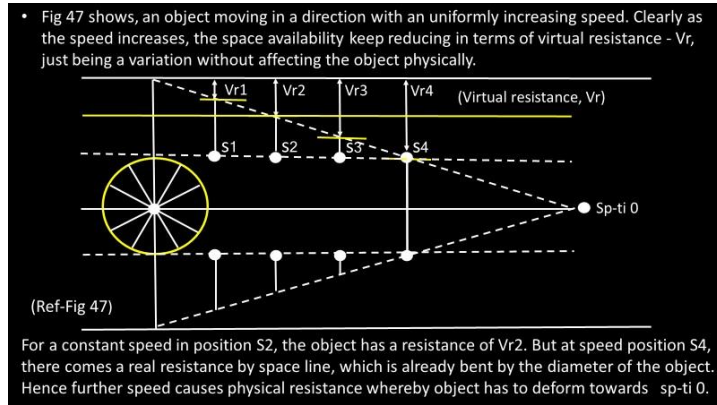
[The content (drawings and explanations of gravitation) of this journal is a self-discovery]



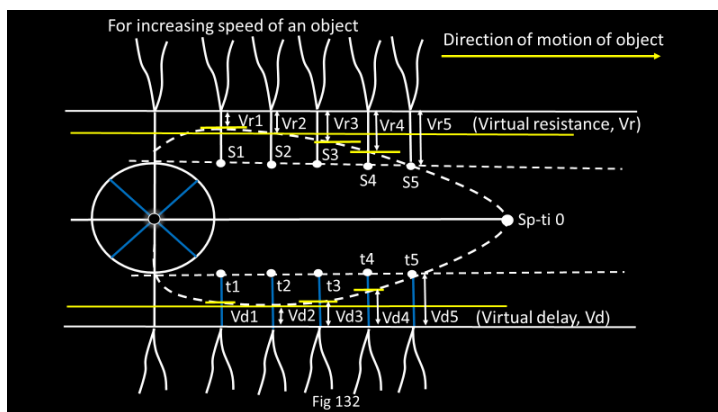
4.3. Sp-Ti Bubble Moving Along with Object in Sp-Ti Grid



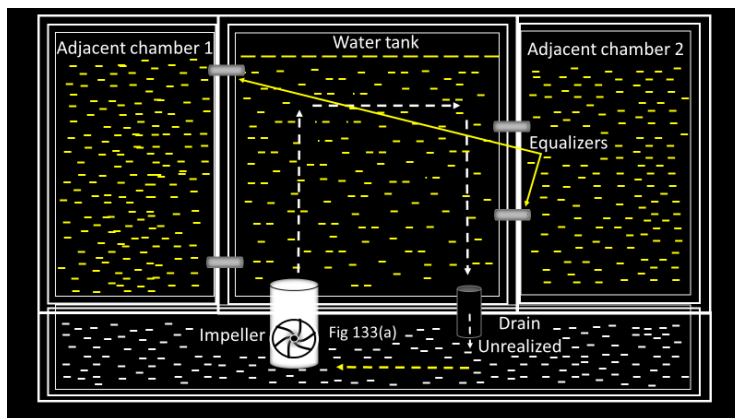
[The content (drawings and explanations of gravitation) of this journal is a self-discovery]



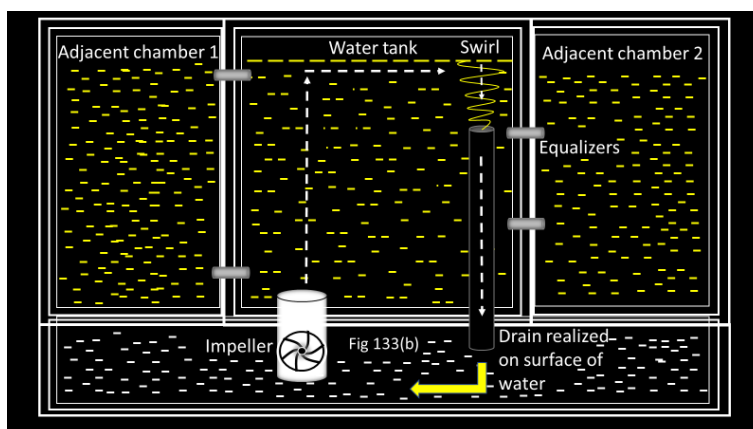
4.4. Virtual Resistance and Virtual Delay in Reality



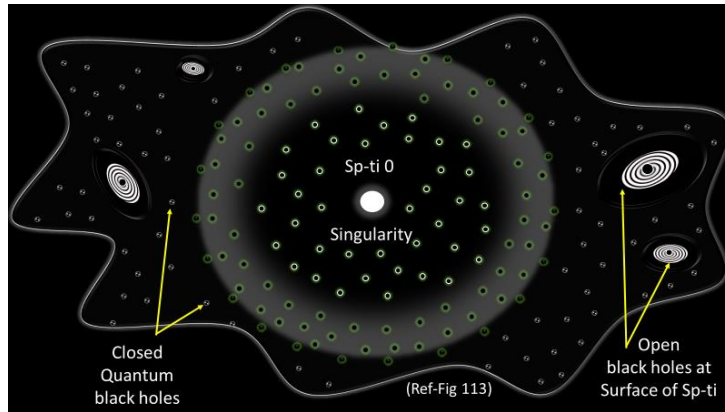
5. WATER TANK (CLOSED SYSTEM) – DRAIN UNREALIZED



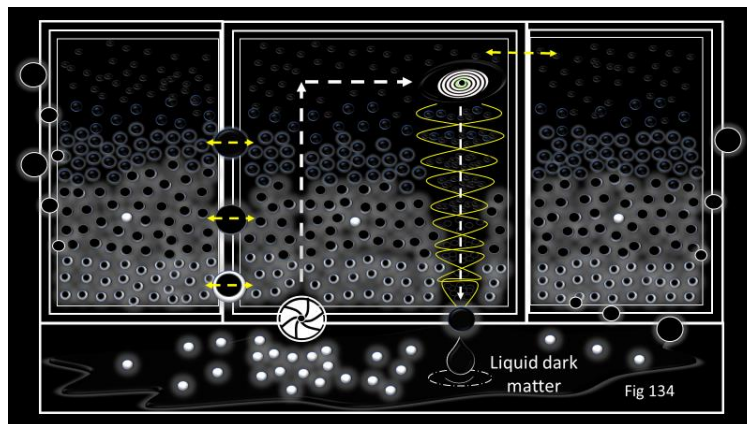
5.1. Water Tank (Closed System) – Drain Realized on Surface



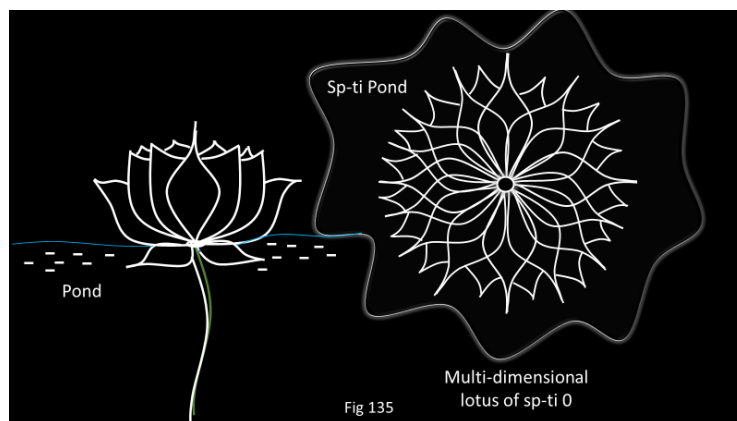
5.2. Open Black Holes Same as Realized Drain Points on The Surface



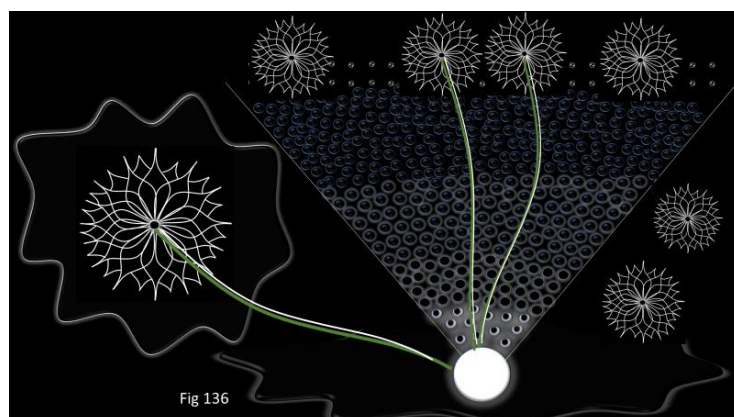
5.3. Liquid Dark Matter – A Cyclic Self-Driving Mechanism of Sp-Ti 0



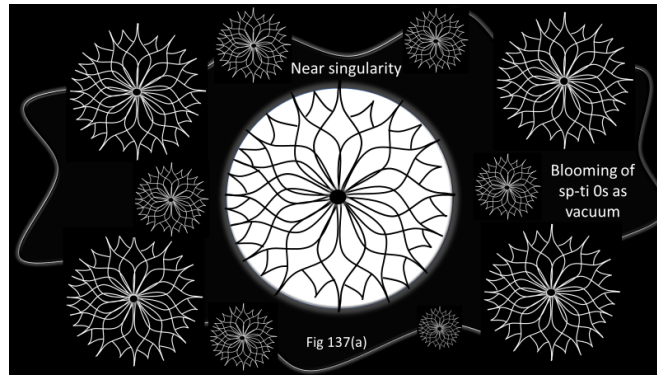
6. MULTI-DIMENSIONAL LOTUS OF SPACE-TIME



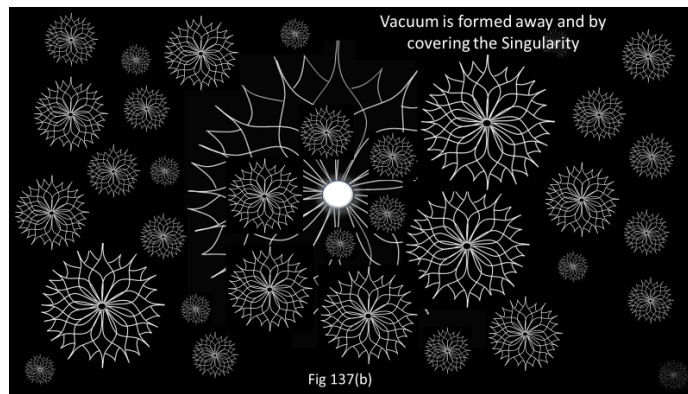
6.1. Blooming of Lotus - Vacuum Around Every Sp-Ti 0



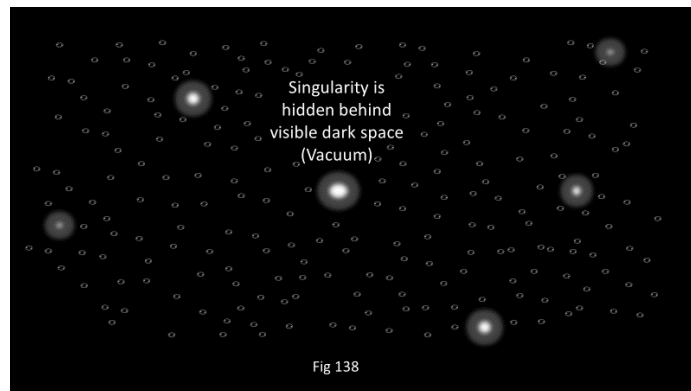
6.2.Nothing Except White Light to Be Seen Near Singularity



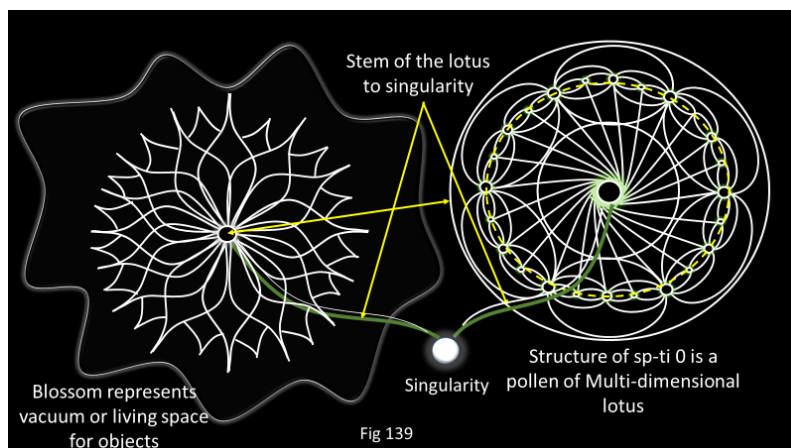
6.3.Nothing Except Darkness to be Seen Away from Singularity



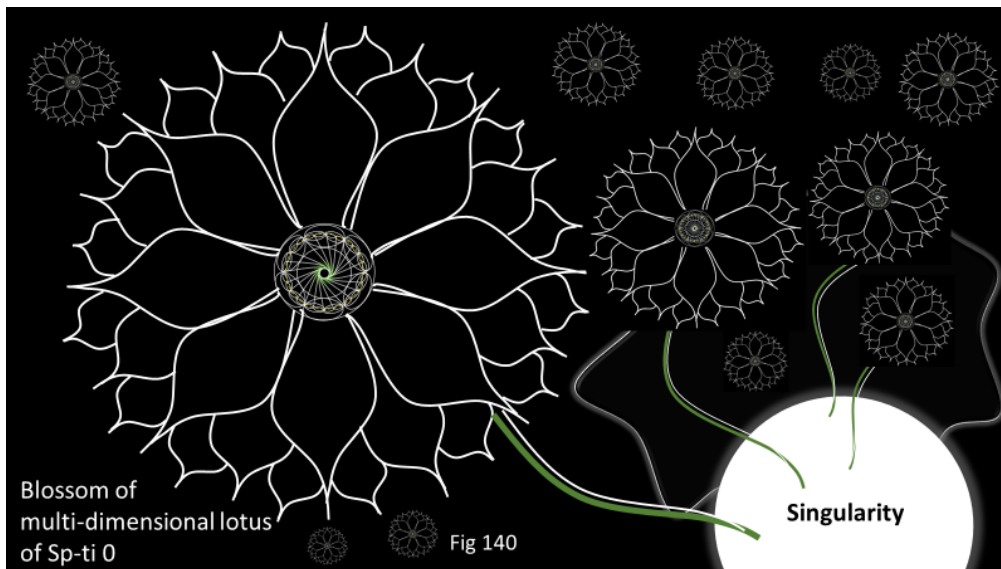
Blossoms of multi-dimensional lotuses at the dark end (Vacuum) is subjected to evolution (expansion and contraction)



6.4.Sp-Ti 0 is a Pollen of Multi-Dimensional Lotus



- ✓ Singularity is the ever-existing multi-dimensional lotus and nearing to which one could not have its brightness in their naked eyes. It is the pure self-light source of 'God nature'.



7. GENERAL DISCUSSION

a) Reduced space-time scale

- 1) One may not still understand what is a reduced space-time scale in reality. Consider an airplane flying at a height, now the size of the airplane appears small like a toy and so the passengers inside the plane. For that the plane appears to be small, it need not have to physically get compressed in space-time so as to serve us a convincing practical study.
- 2) Thus, the variations of length contraction and time dilation are not physical but just an appearance perceived by human. And these two inseparable variables together constitute a reduced space-time picture for the observer such that there are no changes in the life of the object at any point in the existence, due to changes in speed and size factors.
- 3) However, visualizing of reduced space-time scale is different between speed and size factors. Speed of the moving object causes reduction in mobile space-time available for the object (along the surface of space-time) whereas the objects itself to be small has a reduced mobile space-time but proportional to its volume (along the depth of space-time).
- 4) There are no units for space & time in reality indeed. In that case, to say the changes in values observed to be a contraction in length or slow moving of time or whatever is meaningless. However, interpretations in terms of space contraction and time reduction which together means to have a varying space-time scale reducing to Sp-ti 0 from the surface to the depth, is true. This in turn further means, whether the captured picture of life is small or big in a scale, would not affect the life itself in anyway.

b) Philosophy of space-time

- 5) Space-time is a binary of zero (0) and one (1) representing non-existence and existence of life respectively. And the existence of life crosses the absolute zero, means motion picture of life, is a flickering appearance.
- 6) Liquid dark matter is converted to vacuum which is a gaseous medium of dark matter (cloud) and it is converted back to liquid form in a continuous cyclic process, means the space-time is overflowing in nature and thus life is also like water bubbles that evolves from sp-ti 0 and dissipates at the surface of space-time continuously.
- 7) There is no solid matter in space-time. Solidity is just an experience, felt due to the fact that objects are perceived at the same surface level. While objects (particles) at minute dimension shows the wave behavior, which in turn is the wave nature of sp-ti medium itself whose every point of depth leads to sp-ti ocean (Space-time in liquid form).

8. CONCLUSION

There is a self-driving impeller mechanism for the functioning of space-time is seen in this journal (new for studies). However, there is also a dancing note at the bed of space-time called 'Quanta'. This is a discrete pulse (rhythmic beat associated with sound or vibration) along the points of sp-ti 0 axis, indicating the heart of self-existence. This journal along with the below references published so far has all the basic details to formulate the "Theory of singularity" which would be fundamental for both general laws of physics and quantum physics by showing how they are absolutely connected without contradictions. Above all, this theory is the deepest study to explain, Evolution of space-time medium and its nature, configuration of sp-ti grid with duality of Gravitation-Orbitation, Sp-ti waves, open surface black holes and closed quantum black holes, structure and position of black holes, path of evolution of elementary particles from their fundamental fields, particle growing into an object through real dimensions {minute (1), deep (2) and wide (3)}, positions of macro-objects and minute objects in sp-ti medium etc., and thus solves the mysteries of existing studies by eliminating wrong assumptions and fictitious hypotheses which are all deviating away from ultimate reality.

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- [4] Self-reference4: Particle physics based on real dimensions of space-time. Volume 9, Issue 10, 2022. (IJARPS – www.arcjournals.org).
- [5] Self-reference5: Fundamental study of space-time – (Zero, One and Infinity). Volume 10, Issue 01, 2023. (IJARPS – www.arcjournals.org).
- [6] Self-reference6: Fourth dimension of space-time – Study of gravitation; part-1. Volume 10, Issue 01, 2023. (IJARPS – www.arcjournals.org).
- [7] **Ancient Indian scriptures:** There are 8 significant points of space-time namely Indhu, Rodhini, Nadham, Nadhandham, Sakthi, Vyabini, Sumani and Manonmani - could be marked along the stem reaching to the base region of multi-dimensional lotus (singularity), called as "Brahma-randhiram" mentioned in scriptures. Manonmani is the deepest point / region of space-time associated with bell sound (continuous ringing) and enormous brightness (primary light).

AUTHOR'S BIOGRAPHY



Prabhakaran Natesan, Tamil Nadu, India. [shanatcop@gmail.com] Bachelor's degree in Electrical and Electronics Engineering (2011) – Affiliated to Anna University, Chennai. With self-reference, I publish my original research work of "Fourth dimension of space-time – The complete study of gravitation". More detailed drawings and explanations of space-time could be provided with "**Fundamental Theory of Singularity**".

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