

'TONS'

Gravity as an Operating Mechanism

Newton Johnson View

Theory Of New Space

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Abstract

Gravity as an identifiable force or mechanism is one of the greatest physical mysteries alluded to by physicists since Euclid. This paper reintroduces and reconfirms Sir Isaac Newton's idea and belief that Space provides us with a 'Background Absolute', later discounted by Albert Einstein. It is explained here by the constant emergence of New Primary Space. This same mechanism determines how gravitational information is exchanged but also to, the ability of a photon to transmit and transit in spacetime and determines the local maximum speed of 'C'. This is central and a key feature in this paper. Both Gravity & Light are subject to this fundamental 'Absolute' space mechanism which determines the abilities of both. It introduces the concept of 'Primary Space' with a constantly emergent population of 1 dimensional points of time which is the physical key to unlocking this long lasting mystery. If this philosophy is correct then it is necessary to change our current audit of spatial dimensions, and remove temporal time as being one of them. The details presented provide explanation of this system which is dependent upon the following layout of dimensions. Ut , x , y , z and temporal time is excluded from these four. [Ut is the symbol for Universal Time Constant] this being the Primary dimension providing Newton's Absolute.

1 Introduction

The mechanism described here is associated to the Absolute Space manifold of constant Time with Emerging and Entropic Spherical information . Erik Verlinde in his 2010/11 paper describes gravity on the basis that space is emergent and causes the link of information centered around String Theory and application of open and closed strings to illustrate the binding of information. The topic of emergence is covered in this paper and is divergent from his paper and presents an alternative hypothesis based upon the constant population of the primary manifold of space with 1D points of constant time.

This novel subject may be considered to be a unique approach to unlock the cause of gravity. With the exclusion open strings, closed strings or indefinite particles. It is totally dependant on the ability of Absolute Space to cause an ongoing and constant inflation of its manifold consisting of, and production of 1D points of time. It also describes that the universe is dependant upon only 4 spatial dimensions for the entire mechanism to work, and indeed all of nature in 3D.

2 Primary Space

Primary space may be considered as a Constantly Emergent manifold not only to provide a mechanism for gravitational information exchange, but also may even go further and provide a candidate for a complete Unification Theory of the 4 forces of nature.

In reading this paper we have to adjust our perception and belief that we exist only in the 3 Euclidian spatial dimensions of spacetime. For a long time the idea of the 4th dimension was popularized in cinema. It is currently thought to be a dimensional domain for temporal time. Primary Space should occupy this title not temporal time. So we perceive that we exist in the 3 spatial dimensions of spacetime, but also the Primary dimensional manifold which occurs as a background absolute which is constantly emerging in all directions on a 1 plane of time.

Primary Space may be described as a universal manifold having a unity dimension which has a construct of isometric Time = [O]. Then reordering our current understanding of 4 dimensions [w, x, y, z] where [w] is currently thought to be temporal time. To define the cause of gravity it is necessary to reconsider and change this historic expression to become [1 of Absolute Primary Space & Constant Time and 3 of spatial dimensions] and temporal time having only an application confined by 3D of [x, y, z]. And its reference limited to local gravitational information. The explanation of this is accounted for later in this paper.

Absolute Primary Space is expressed as [Ut] meaning Absolute Universal Time. So the new dimensional expression becomes [Ut, x, y, z]. or shortened to [$Ut3D$]. It does not change the application of Euclidian dimensions it only displaces temporal time and ceases to be known as a separate dimension.

Temporal time is a non constant meaning and measurement of which can only occur providing matter exists first providing the ability of 3D dimensional distances. Is non constant in that it varies according to velocity and gravity effects on it. One cannot

have temporal time in a field where no 3D references exist so I have left this out of the above simple expression as having no application. However, we need to use it in the description which follows to aid our understanding and visualization of the mechanism of gravity as presented herein.

3 Universal Time [Ut]

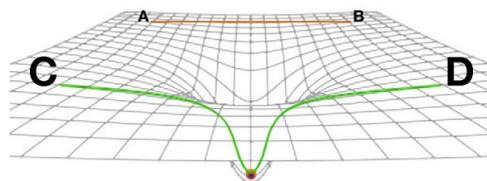
Universal time has a construct manifold of time constant space. This manifold may be thought of as a static 1D plane or field. However, is it not because it is being constantly populated by [0 or 1] entities of point time. These points form a constantly growing field rather like an expansive foam. This manifold is being added to in every cubic volume of our perception of 3D spacetime. However, one has to be careful not to think of the manifold as 3 dimensions as it is not. It has a unity 1 dimension, and is not space in the normal spacetime sense but has only a void of Absolute constant time. This is where we have to separate the following two identities:

1. [Ut Primary Space TC] & 2. [Spacetime x,y,z TV]
i.e. TC is time constant and TV is time variable

Universal time [Ut] exists and can only occur as a function of Primary Space and a totally separate entity from 3D spacetime of Einstein & Minkowski perception. Primary Space can exist in absence of spacetime, and spacetime cannot exchange gravity information in absence of it. The Primary Space may be thought of an artist's palette onto which he applies the 3D paint our perception of spacetime + temporal time. The palette and paint are totally separate entities.

Despite the fact that they are separate there is interaction between them. [Ut] can cause matter to exist according to its background rate of emergence, causing it's kinetic energy to be converted and the formation of matter. Also, [Ut] continues to emerge and populate once matter has been formed. This constantly emerging New Space is being created second for second in temporal time and is responsible for the **conveyance and transit of information** around and through us in our understanding of 3D spacetime this is the missing gravitational operator. This paper explains the functionality of it.

The sketch below illustrates a typical spacetime curvature due to existence of mass in according to Einstein's Special Theory of Relativity. This is outdated but well understood and we now visualize it in a different way. But for illustration purposes I use it here to help simplify the description of this new hypothesis.



$$R_{\mu\nu} - \frac{1}{2}g_{\mu\nu} R + g_{\mu\nu} \Lambda = \frac{8\pi G}{c^4} T_{\mu\nu}$$

In the historic image above our understanding of spacetime is curved in the above sense where matter is present due to the theory of STR. This causes the [virtual effect of gravity] by the deformation of spacetime. As defined by Einstein's field equation and Newton's classical theory of gravity. This vision is not really correct although it holds good for teachers to explain the effect of gravity around a mass. It does not describe what actually causes the gravity in the first place. Now we define gravity of a given body by its proportionality of its quantum of energy and matter.

The resultant gravity from a body is subject to the inverse square law. i.e. the further you are away from the body the weaker the gravitational affect. So when standing close to that body one may think of it that a pencil point is acting on your skin and not the blunt end. The gravity is the same but divided by the area of the blunt end, so it feels less the further away from its source. This phenomena is currently well understood.

Limitation of Einstein's notion of Special and General relativity.

Einstein's symbolic equations above and below are his STR and determines how 3D spacetime will deform and then in his GTR how that deformed spacetime tells matter how to move. This does not however explain in any way what Gravity is as an independent & universal operator. The theory is totally relativistic in 3D + temporal time, and may be thought of as a tool to only aid the 3D understanding of the universe, and gravitational effects in it.

On the right hand side of the equation [$T_{\mu\nu}$] is what is known as the [Stress – Tensor $x^0 = t, x^1 = x, x^2 = y, \text{ and } x^3 = z$, where t is time in seconds, and $x, y, \text{ and } z$ are distances in meters]. It is only relevant and dependent upon Euclidean vectors and temporal clock time, which should not be considered as a true vector in this paper.

$$G_{\mu\nu} = 8\pi T_{\mu\nu}$$

If we conclude we live in a universe with 2 entities of time acting as totally separate vectors. Then if we consider Newton's updated equation below it is illustrating the force of gravity acting in 4D. [AR] in this expression means Absolute Relativity as it extends STR and GTR. We then have no need to complicate things and continue think of space time bending to explain gravity. On the basis that we now know what gravity actually is, we can reduce the historic importance of the mathematical models for it. However Sir Isaac Newton law still holds good by simply changing the values of mass in his equation for Time Constant [1' or 0's] of information. The [r²] below is true and persistent of our 3D understanding of Euclidian space and entropy of the gravity produced. The equation immediately below is Newton's law of gravitation but simply modified to replace mass [M] for information [O1]. The lower of the two symbolic equations represent the 4D consistent with the Primary space + Euclidean 3D. This could well be the Equation for Everything. [Ut] provides the mechanism for gravitation and creation of matter, hence 3D and temporal time are manifested . One then has a system to create matter and evolve in it.

$$AR = G \frac{O1_1 O1_2}{r^2}$$

$$AR = Ut3D$$

G: Gravity. 01_101_2 : Information ratios of two interacting bodies in 1D space.
 r^2 : radius in 3D of a circle or $4/3\pi r^3$ of a sphere

The symbolic expression for 4D above is [Ut]: Universal time of 1D, and 3D our standard Euclidian dimension.

The application of this theory is acting through a plane of 1D Primary Space without any need to justify and explain a curved space and time in 3D + temporal time. The force of [G] in is simply acting perpendicular to the body diameter. Illustrated by the ripple image on page 9 (actually in 2D presented for explanation purposes) between 2 bodies. Most if not all the large scale bodies in the universe tend to be spherical. If a body is a non uniform shape the information being conveyed outward from it in 1D remains in the spherical form.

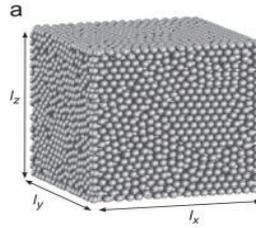
The immediate gravitational force around a body acts in a perfectly straight lines through the medium of the 1 dimensional plane. However if that body is rotating the information conveyed outward shall also copy that, and it will rotate. The force of the mutual gravitation is a sum of its [1 and 0 points]. Then the true relevance of the General Theory of Relativity is substantially reduced, but continues to have application when mathematically realizing its 3D affect.

4 Absolute Primary Space Manifold & Production of Emergent 'New Space'

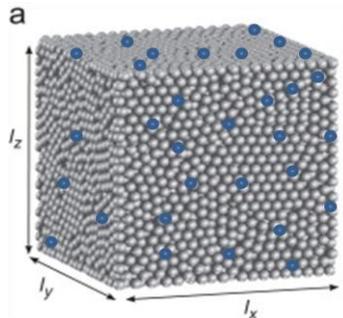
This is an important chapter as it introduces this new notion and attempts to explain the mechanism of the 1 dimensional manifold which we have ignored since Newton having stated that space has an independent and Absolute construct.



Here is a simple spherical point or we can think of it as a 1D flat circle or another geometric, the actual definition of the shape does not really matter. This entity cannot be directly identifiable in 3D space and most likely existed prior to the so called Big Bang. It is a constant zero time sub infinitesimal point and exists in a manifold which has a construct of exactly the same 1D entities as illustrated by the populated block below.



In the above image we have built a cube [virtual space in 3D] of identical points. But the entire structure does not have $1x$, $1y$ or $1z$. It is a unity dimension which we call [Ut]. It is composed of points of time which are dimensionless and have no distances, or faces to measure. It is only represented as a cube to help the visualization of it's construction].



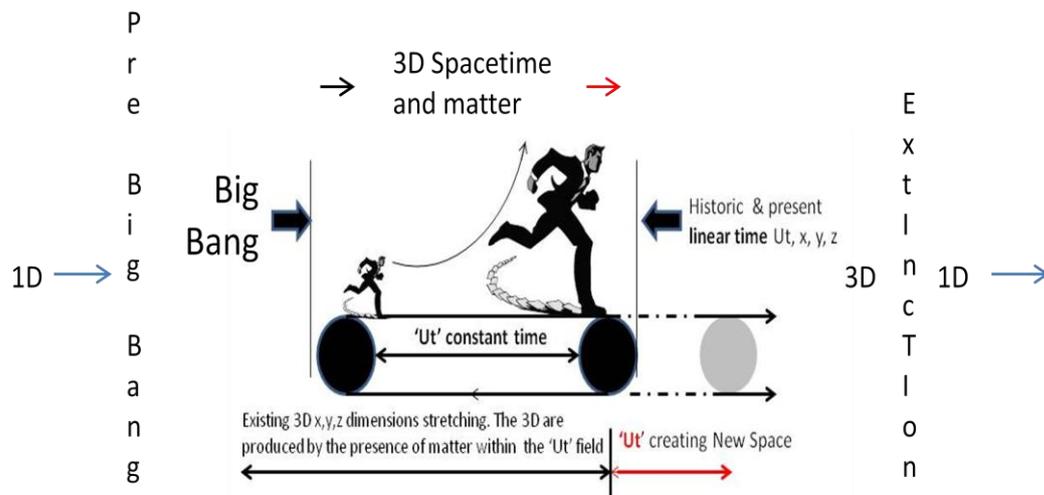
In this image [Ut] above has enlarged its [virtual] volume, constantly swelling with more emerging zero points of time. The normal distances $1x$, $1y$ and $1z$ have 'virtually' increased but continues to have non 3 dimensional meaning. $1x$, $1y$ and $1z$ are all 1D.

Its original virtual volume has become more populated with zero point time. There is no change to its dimension as it has non to change. It is an invisible emergence and enlargement which is participating and interactive with x , y , z spacetime matter. This is what Sir Isaac Newton could have had in his mind had he lived long enough. He referred space as providing a background Absolute. Unfortunately, he did not think that it had a time constant model or indeed was a dynamic, and thought of it as a static medium. This was later changed and investigated by Michelson and Morley, who thought it was a wind. Plus numerous other notable scientists who referred to it as the Aether. Then later in Einstein's career having discounted Newton's notion of an Absolute space then reinvented it calling it the Absolute Aether. He was unable to posit new theory outside his own laws of GTR and STR which he created. Both Newton and Einstein where unable to determine what actually caused gravity, so they invented laws based upon its affect. Since then we have thought of the Einstein and Minkowski spacetime as an absolute having only 1 identity. I propose here that this is not the case and Newton's notion was probably correct. And we have to bypass Einstein's notions of spacetime and cause it to be modified to incorporate Newton's concept of an Absolute to widen our comprehension of space and gravity. And also to refer to the 4 dimensions as [Ut , x , y , z]+ temporal time as explained earlier, as a candidate mechanism for the cause of gravity.

To conclude in brief at this point, we exist in space with two identities of time and of 1D Absolute space +3D spacetime where matter exists. The primary space has a background manifold of constant time, and constantly being populated which causes

it to be a dynamic and increase its virtual volume. The rate of its emergence is detected by and causes the limited ability of light speed. This mechanism and emergent manifold is what determines the speed of light and indeed anything to move whatsoever. Be that a photon or wind against a petal on a flower.

New 1D Space is being created second for second and measured by the upper value of [C]. Nothing can move in [1x, 1y, 1z] spacetime where [Ut] has not emerged. Everything is dependent upon the continuous population of constant time to form New Space. Think of this as being able to walk on a conveyor belt. If the conveyor belt stops moving we lose our ability to walk. The belt has to constantly emerge otherwise we cannot.



His ability to run is limited by the value of its emergence = light velocity . He has also reached the vertical black line in front of him [this is why a photon in the LHC cannot exceed the speed of light]. This limit line has to constantly move away from him, if it does not then he cannot move any faster and just gains mass. He has to be constantly supplied New Emergent Space.

Nothing can move in 3D TV time & spacetime if [Ut] is not being constantly populated causing its constant emergence. As stated earlier this includes simple everyday day simple objects, wind and even the rotation of the Earth itself.

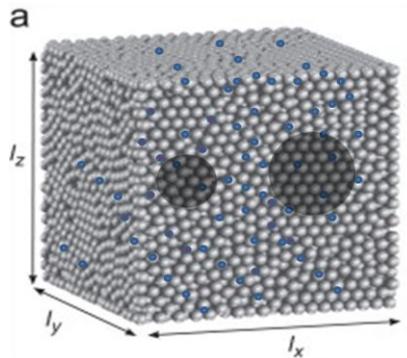
5 Gravity

The following is Newton's well know law of gravitation and the Force acting on both bodies is subject to the combined ratio of masses between them.

$$F = G \frac{m_1 m_2}{r^2}$$

In this paper the above outcome of Gravity is identical but extends Newton's Law by describing what actually causes it, and not just its 3D effects as referred by Newton

and Einstein effects of it. The following information describes this mechanism and its origin to be found in [Ut] Absolute Primary space of 1 dimension of Time.

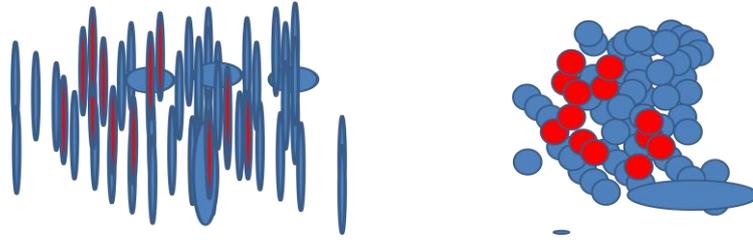


In the above cube there are two new bodies shown semi transparent and immersed in a constantly populating and emerging volume of 1D Primary Space. These bodies do not have any mass in the macroscopic 3D spacetime sense. They are only identifiable by their energy and quantum of matter, which may be a quark , photon or a proton etc. They are moving independent from each other and have vibration. Or they may be immutably joined as in the case of a proton by strong electromagnetic attraction binding quarks. However, they can only move and vibrate if New Space is being provided in keeping with the man on the conveyor above. They cannot move into space which emerged in the previous second or infinitesimal part of a second as it has moved away from them. This is a crucial part in this explanation and comprehension of a working gravity system.

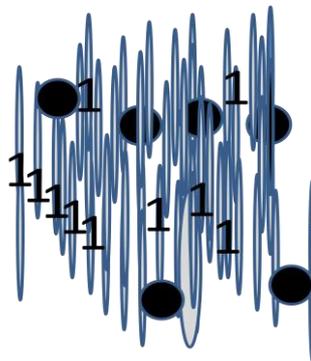
One can think of these bodies interacting with [Ut] in all scales and forms with a construct of open cell sponges. On the basis that the relative size of a sub atomic particle compared with a 1D zero point of time one could say is infinitely huge. The 1D dimensional points are not aware of them as solid entities but infinitesimal components of atoms which have only a finite quantised energy and matter state. Additionally the background kinetic energy of the emergence of [Ut] has a crucial and critical relationship with them for the causation of gravity.

These constant 1D time points interact with every single infinitesimal part of a particle in the entire universe. The 1D manifold is increasing in virtual volume in all directions uniformly at the rate of value [c] away from each entity. This virtual 3D metric volume increase is not related to the speed of light – light speed is determined by it. The emergence value of New Space is limiting its upper velocity. And a photon transit in isolation is our **detection value of the emergence** of New Space.

As the virtual volume of [Ut] is produced the information relating to each 'sponge' (energy and matter of infinitesimal sub atomic particles) interacts with the New Space as it is being created. One could say analogously similar to a magnetic tape. There is a relationship with the state of energy, matter and the production of New Space as it is produced. As New Space continues to be produced endlessly it is influenced by the 3D energy and matter objects in it. Which again referring to the magnetic tape collects all that information into its 1D time manifold.



The image above illustrates the idealized constant time points interacting and being switched represented by the red slits. There are no particles it is a continuous flow of New Space and has no grain. In the same way one can consider a magnetic tape as a smooth, uniform and homogenous surface. The ferrites on the film in this case are 1D time points. As each 1D [0] time point appears they are switched to become a [1]. They subsequently and inadvertently record the measure of energy and matter in that sub infinitesimal particle. This produces a constant stream of updated information which moves constantly outward from a particle at light. This constant stream of information may be many billions of light diameter as they continue to propagate. If however this particle the source of that information varies, moves or ceases to exist, that information is also recorded. [Ut] records all information from its beginnings to its end, and is constantly transmitted by virtue of [Ut] constant enlargement.

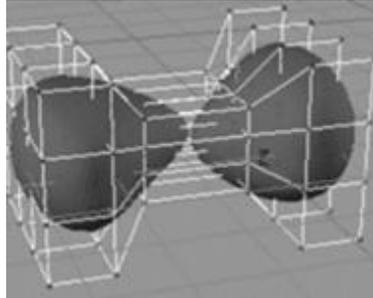


This image illustrates how New Space is emerging and the 1D points of absolute time remain as a [0] or interact and switch to [1] according to the quantum of energy and matter in a 1D point vicinity. This happens in every second of our temporal time hence all the information in and on the Earth recorded. Every person, every quark and every singular atom. This is the operator omnibus for universal information collection. This occurs through every single atom in the universe whether that atom is bound to a black hole or an earthworm.

The propagation, population and emergence rate of [Ut] is concurrent to the value of [C]. Close quarter infinitesimals and bodies billions of light years away all correspond. That information will always be historic with respect to each other as there is no opportunity for instantaneous interactive exchange by this means. In the case of the of infinitesimal attraction this is dependant upon the local and mutual electromagnetic effect in true 3D. However, in order for two particles to join New Space must be created between them, and continue to be produced. Otherwise there is no ability to move, vibrate or electromagnetically correspond.

The mechanism being described here may well also be the engine for the universal dilution of matter in the universe.

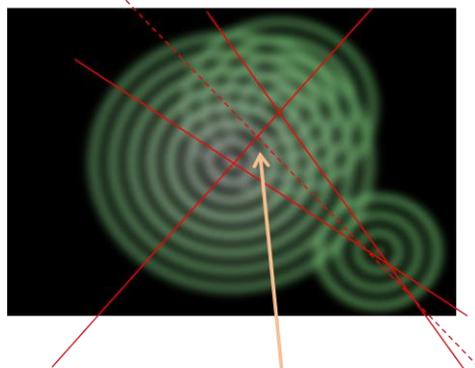
When we think of gravity in terms of 'mutual gravitation' it is simply explained that all bodies are producing and exchanging unique information about themselves as the emergent space is enabling the communication



This image represents the mutual deformation of our understanding of an object or attraction to another by their sum total of their joint masses, meaning their energy and matter quantum. This is how the masses prefer to join and not according to historic representation of a curved spacetime.

They are not deforming because they know of each others state independently by means of a particle transfer such as a graviton, they are deforming on the basis that the information being provided by each of them is through the plane of of 1D emergent space. If a body has information containing more 1D points of [1] than [o's] than its neighbour body then that body will have more gravity. It shall possess the dominant gravity. Not a function of their relative mass or influenced by a virtual 3D spacetime curvature.

2D resultant gravity representation, where information is exchanged in a 1 dimensional plane not via GTR



Newton's Absolute Space point.
The mutual gravitation is acting through 1D not 3

This is a simple ripple tank image illustrating a well known affect in our experience of 3D of propagated ripples in a liquid and how they interfere. In the case of [Ut] the mutual mixing of information [0 and 1] initiates the attraction manifesting 'the gravity'. If the bodies are closely coupled like our Moon and Earth the information density is greater in keeping with the 3D inverse square law. Conversely should they be billions of light years away substantially weaker. The larger body ripple source has a power gravitational effect on the medium one, and likewise the small one. But the outcome of the mutual gravity is to cause a centre of gravity where they shall meet, and in keeping with Newton's Absolute space.

The mutual gravitation is achieved by transfer of the information relating to its energy and matter contained within their structure, and when we revisit Sir Isaac Newton original apple. This is the mechanism at work here. New Space being created constantly between the earth and the apple is transferring the information of their respective structure. In the case of the apple it has substantially less [1's] of information than the Earth. The apple by comparison is somewhat substantially dilute of Gravity as measured against the earth and is pulled toward it more than the Earth is pulled to the apple.



When the apple disconnects from the parent tree it is obliged to fall toward the earth as it is the most local and dominant of all the information relating to energy and matter which is influencing it.

[Ut] Emergent New Space of 1 dimensional constant time



In the image above shows the earth as a solid object internal to the grid of exterior spheres. The information omnibus of [Ut] encompasses the entire super scale solid content of the earth, as it collects information on the infinitesimal scale from it. The resultant image is identical but invisible to the real 3D solid form and propagated into what we think of 3D of spacetime but as a 1D object. It looks like a sphere but

consists of 1 dimensional plane of information. The spherical face is not moving outward like a ripple in the tank of water, the information is moving away from the source as New Space is being created by its constant emergence.



In the above image depicts Earth as it was approximately 4 billion years ago when it was completely molten. At that time it had a significantly higher energy state than it does today illustrated by the cooler previous image. In all that time New 1D Space has been constantly emerging and recording all this information and conditions in every temporal second of the evolution on Earth.

The effective gravity is what is seen by another object some 4 billion light years away from us today. Earth would appear as an object with relative greater gravity due to its higher thermal energy, quantum of matter and angular momentum. That is, if the information density was not subject to the inverse square law of gravitation diluting over that distance. But the distant body measures our gravity greater than what is today. Hence, why we may have been subject to the early periods of catastrophic asteroid impacts. They may have been responding to our historic information.

If we substitute the symbols for $[M]$ mass for $[E]$ energy in Newton's original equation, and for matter $[mQ]$. So the distant body which has just received our Earth's primordial information is the inverse of its $[EmQ]$ not the unity mass.

It is important to visualize that the information is in the form of a regular second for second duplication of the Earth's $[EmQ]$ conditions even though it be 4 billion light years reach ,or 8 billion light years of information diameter. The Earth may be considered as having a second for second information duplication of itself across that huge distance, projected into the 3D spacetime accounting for every second right up to its current date. Not one second of Earths historic information has been lost in all that historic temporal time.

If our belief that Einstein's field equation laws are correct, which they are but only relative to 3D $[x, y, z]$ Minkowski spacetime and temporal time. Einstein and Newton's views were and are at variance. The application of this paper is to re assign Newton's law of gravitation with reference from $[M]$, to Energy & Matter $[EmQ]$ and then to symbols for information $[I \& O]$. The transmission of that information across a 1D plane of constant time, and our [experience] of it is confined to 3D.

Therefore, if one elect's to remain in the School of Einstein one will be forever tethered to 3 dimensions of spacetime including Minkowski's temporal time. However, should one elect to rejoin the Newton school one will be able to understand a new opportunity to comprehend what actually causes Gravity based upon his Law of Gravitation but substituting his concept of mass only observation of its effect. With the realization of 4 spatial dimensions and the principal one is the Primary dimension. Which Newton thought of providing the Absolute background of Space.

This is Newton's Classical 17th C law of gravitation

$$F = G \frac{m_1 m_2}{r^2}$$

If we substitute $m_1 m_2$ for:

Energy and matter E and mQ

Newton's 21st C Law based on the ability of the emergent 'Absolute Background of Space' and Gravitation:

$$F = G \frac{EmQ1EmQ2}{r^2}$$

r^2 , in this equation in temporal terms is constantly increasing at the value of light speed. This is a symbolised equation for Gravity and the mechanism of its transfer is the Primary dimension [Ut]. The [E and mQ] interact and cause the constant [0] time points to be switched a [0] to a [1]. This is the recorded information. Then these [0] and [1] points interact and affiliate with a neighbor body and hence determine the ability and force of mutual gravitation.

6 Gravity as an operating mechanism

For gravity to work it must have an operator. Historically and currently this is a complete mystery, and something which happens around us and through us everyday which we simply cannot fathom. Albert Einstein created an ingenious set of mathematical models which provided us with a visualization of its effect. Unfortunately, they do not provide any indication what actually causes it. And leaves us far distant from comprehending what is this operator. Sir Isaac Newton and Einstein are both important participants in explaining its physical effects on us, but we are all still wondering what its cause is.

In this chapter it identifies such the operator based on the realization of a background of constant time explained earlier. It is essential to perceive that we exist

in 4 spatial dimensions expressed as [Ut, x, y, z] not the existing and historic 4D version [temporal time + x, y, z].

The ratio of 0's and 1's are for representation purposes only

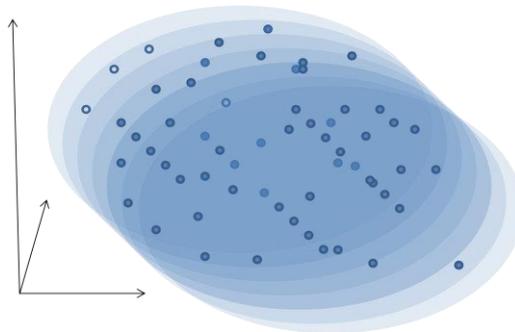
The expression below is the same as on the right hand side but illustrates a higher order of measureable units of Energy and Matter in the pendulum and Earth. F meaning Newton's mutual gravitational force which is also gives definition to the relative coupled information

Emerging space of 1 dimension
TC Time Constant velocity of 300,000kms transferring Information between the Earth and the pendulum. The gravity operator is to be found in this symbolic equation: Which is a modification of Newton's Law of gravitation. AR in this case meaning Absolute Relativity.

$$F = G \frac{EmQ1EmQ2}{r^2}$$

$$AR = G \frac{01_101_2}{r^2}$$

The illustration shows an **information couple** between the Earth and pendulum.



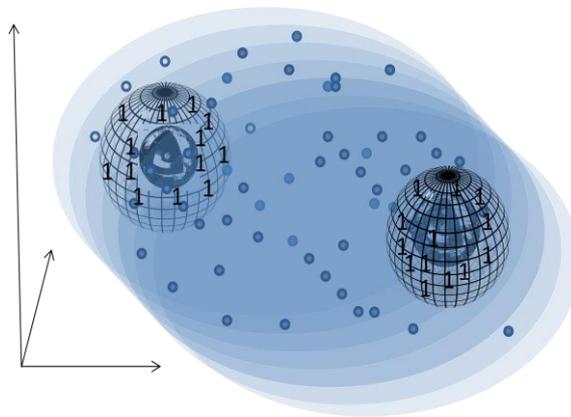
Above a visualization of a 1D Manifold of emerging Primary Space with an isometric construct of 1 dimensional Time points

In the above image one has to imagine it is entirely constructed in the manner earlier described and more like an expansive open celled foam comprising of regular 1D cells. The 3 arrows only indicate the 3D directions but the entire body exists as a framework of constant time and a uniform 1 dimensional plane. The manifold is fully populated with [0] time points which are represented by the sphericles but unlike the

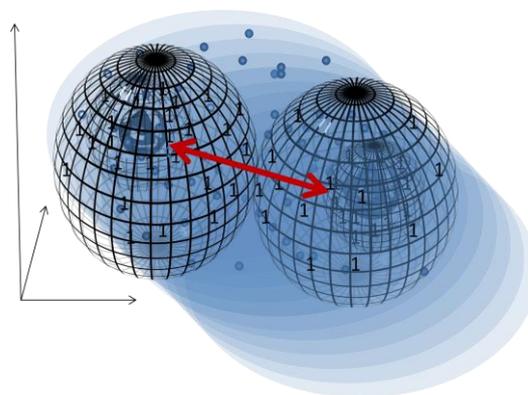
image are fully contiguous and homogeneous. New Space is constantly emerging illustrated here by the additional oval layer sets. The entire manifold continues to emerge endlessly and the entire system continues to virtually enlarge in the 3 directional arrows. Forming a manifold of 1D plane of space.

This illustration is 100% empty of matter and all the time points continue to be referenced as a [O] and unaffected. The distances represented by the arrows in the illustration may be considered as infinitely sub micron or unimaginable billions of light years. The [O] point population shall remain homogenous and isometric with respect to the numerical value of the arrows.

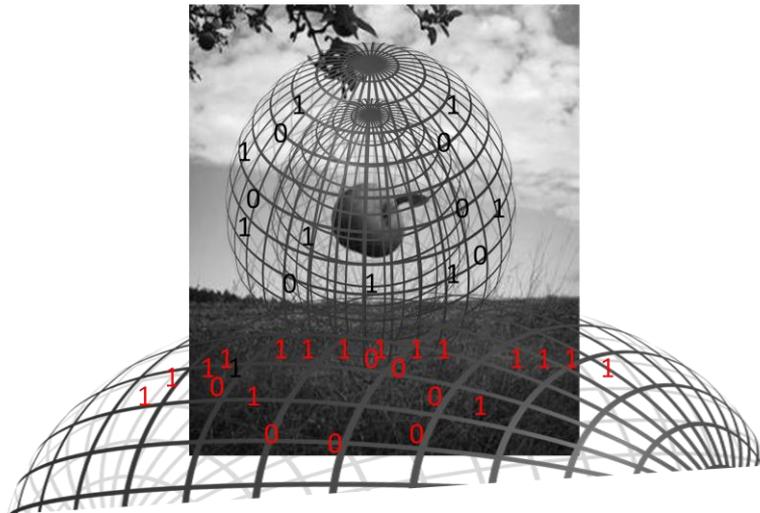
Now if we modify this manifold by the sudden emergence of matter to form two separate bodies, being an electron, quark, atom, planet or sun etc, the presence of this matter now interacts with the 1D space points as they emerge creating New Space around and through them.



Now we have a new situation where the emergence and population of the zero time points are being modified according to the local matter conditions within the bodies. Meaning each item of material no matter how small is creating a bits of information about the energy and number of materials each contain. A duplicate of itself is under construction and conveyed spherically from it at the value of [C]. This being the value at which the New Space is emerging in their vicinity.



In this illustration is shows how the bits of information have transit across 3D virtual spacetime and the initial conditions of the body becomes contiguous with the other body. Again this can be an atom or planets billion of light years away. As soon as the spherical information faces becomes contiguous then the attraction is initiated. Then depending upon the ratio of [0's or 1'] of constant time it contains will determine which has the dominant influence over the other and hence have a greater or lesser gravitational affect according to Newton's classical modified law. And in the case of his apple the illustration below shows the same information 1D omnibus interfacing between it and the Earth.



Newton's apple is obliged to move in the direction of the Earth because there is no other greater information acting on it. The apparent weight of the apple is caused by the mutual pull of **both** tensor sets of information which is being updated by the second. When the apple was nothing more than a flower it had even less information about itself. As it grew on the parent tree it was swelling with the addition of more matter. The fact that it is swelling updates information as New Space is being created though it. Which causes the ongoing update of between it and the Earth. Information of all apples that ever existed is persistent and remains persistent as a package of information in the Primary 1D Space, as does all matter forms which it shares in 3D spacetime.

A historic statement from Sir Isaac Newton:

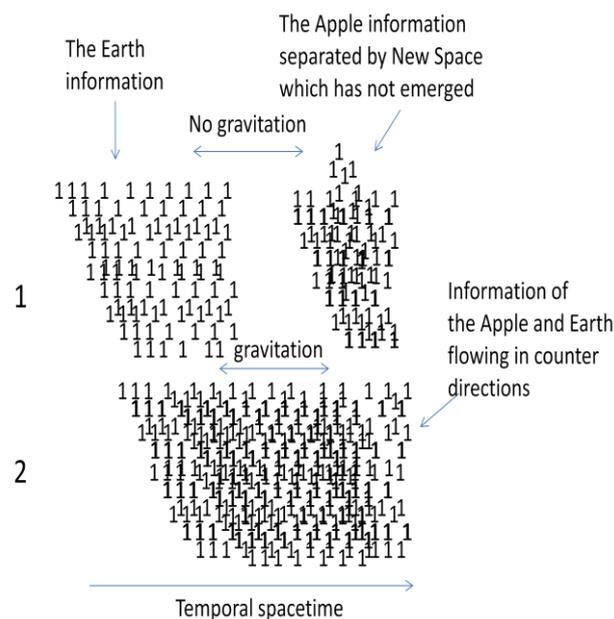
***Principia*: "Absolute, true and mathematical time, of itself and from its own nature, flows equably without relation to anything external ... absolute space, in its own nature, without relation to anything external, remains always similar and immoveable."**

If TONS theory is correct it must be joined to his, what he did not realise is the fact that his Absolute Space is a dimension in its own right and having a construct of Zero Time, which is constantly emerging. Then our observation of bodies in 3D hence spacetime is a separate entity and dynamic and both are valid. But when considering events in 3D of spacetime one is obliged to use the measuring limits of temporal clock

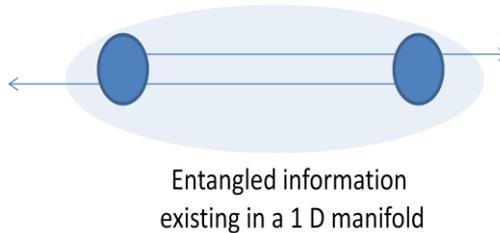
time. Newton should have extended the above quotation and added to the Euclidean list of dimensions. Then today we would not live in comprehension of the world as 3. We would have N+E. 1 of Newton and 3 of Euclid.

More recently in the case of NASA Gravity Probe B its orbital distance from the Earth meant that it was receiving historic information from Earth. On the basis that the information is transmitted at value [c] from it. Despite the relative short distance of it from the Earth New Space has to emerge transferring that information to the Satellite. This may only take a minute fraction of a second, however it cannot be avoided. There is a delay of information. So the Gravity Probe B was responding to historic information about the Earth and not a simultaneous one. The concept of spacetime twisting the curvature frames is not correct based on GTR or STR is because the Earth is rotating and the information which is conveyed from it is also rotating. We must move away from the idea of spacetime curvature. The satellite was responding to historic curvilinear information that is all. Should NASA set up the same experiment at a Pole of Earth the inclination of the 4 gyros would give an entirely different bias. And most likely point perpendicular directly to it, just like it would if it was Newton's apple. That is if they can navigate the satellite to be exactly over the centre of Earths axial rotation.

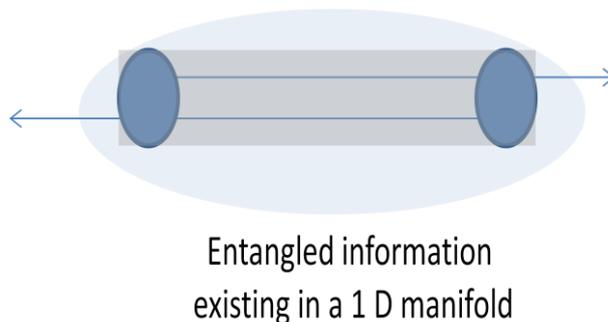
So how does information from one body attract another? To cause the [virtual] meaning of mass of a body and its measurement of force between two or more bodies, we have to think in terms of its [0 & 1] information. If we are safe in the assumption that New Space has a value of [0] in absence of matter, and as soon as matter appears all the sub micron components of that body are all responsible for changing a [0] into a [1]. With exactly the same distribution as the components of matter and energy it is copying. Whenever another atom is introduced in the case of Newton's apple it changes the value of its information.

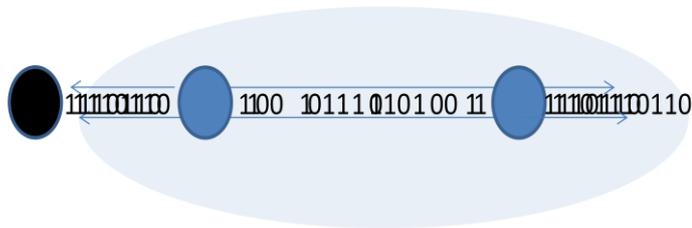


In the condition 1 above New Space has not been created between the apple and Earth, in this case the apple is far distant from Earth. Both sets of information are in transit between them at the value of $[c]$. There is no opportunity for mutual gravitation as their information is separated by space which has not emerged in the 1D manifold. In condition 2 New Space has emerged and the historic information regarding both are now permanently entangled and permanently updated in temporal time as both are now receiving a constant update of information at the velocity of light. In this hypothetical condition the apple may be light years away from Earth and as far as the Earth is concerned it is still swelling and its gravity increasing. But the apple with respect to its own temporal time has long since fallen and rotted and ceases to produce any gravity. But the Earth is still receiving information that it is still hanging on the tree and continues to attract something which does not exist. It is only reacting to historic information. They both exist in unique envelopes of temporal time caused by their separation in our 3D and each has its own temporal time reference frame.



The outcome of mutually entangled affiliation is information sharing and subsequent influence on each respective body, but not to be imagined in 3D, only in 1D. The information from each body continues to extend through and beyond the bodies illustrated by the arrows. The outcome is a common gravitational chord binding the two bodies in the illustration below. Newton referred to this as a rope tensor but could not explain it acting through the medium of 1D plane couple. While the 3D distance remains constant with respect to each other the force of the rope tensor will not vary. Due to the inverse square law, then if the distance shall reduce then the gravitation becomes stronger. In the case of Newton's Apple as it fell towards Earth the mutual gravitational effect become stronger.





Information is exchanged and emerges beyond each respective body and becomes additive

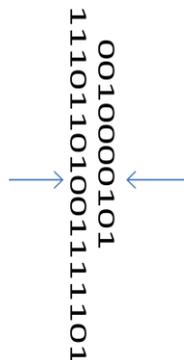


The net result becomes an amalgam of matter

Once the matter amalgam has formed; a new particle, planet, sun or black hole it has its own unique identifiable conditions, information and gravitational characteristics. The illustration below shows a potential ratio relationship of [0's and 1's] caused by its respective parent body. A small low energy body will have fewer 1's and greater number of 0's. Conversely a larger body, which may be more energetic such as a sun will produce a greater number of 1's hence the mathematical greater ratio and subsequent strength of the relative gravitational force.

The stream of information has a finite length in the plane of the blue arrows which connect directly with the originating parent body. Because of the inverse square effect, a body which is strongly gravitational is diluted by the scale of distance, on the basis that the quantum of 1's are distributed over a wider spherical envelope when we envisage these occurrences in spacetime of 3D.

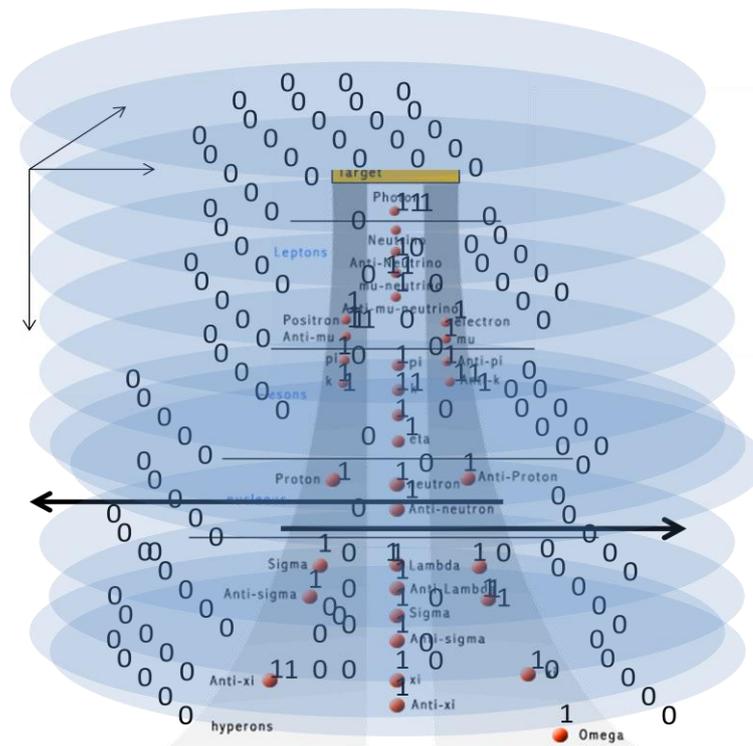
The [0's and 1's] are instantly affiliated hence the outcome of gravity produced shown below.



$$F = G \frac{m_1 m_2}{r^2} : F = G \frac{EmQ_1 EmQ_2}{r^2} := G = \frac{01_1 01_2}{r^2}$$

The [0's and 1's] are copies of the parent body signature and then represented in the larger order by Energy and matter. The originating sources are weakly attracted if huge distances exist in 3D.

Where one body condition has caused the greater conversion of 0's to 1's it has the greater gravitational attraction than its partner body which may have a lower energy and matter content. Each and every sub quantum particle no matter how small will affect the change of every 0 into a 1. Illustrated by the layout below. The result is the entire content and signature of a body is identically mapped, and this information is constantly updated and conveyed spherically as a 3D vision. The unimaginably huge infinitesimal 1D void existing between these bits of information persist and remain as a 0's. Hence the exact duplicate of the body is retained forever, and their local temporal time zones, even after our universe ceases to exist and extinction of the 3D.



New and Absolute 1D Space is emerging around and across every sub microscopic entity of matter at the value 'C'. The invisible 1D manifold enlargement is witnessed in our Euclidian 3D as gravitational effects between bodies. The affiliation between the 0's and 1's which are counter moving with respect to an neighbour body, form interactive links which we refer to as the resultant mass or 'weight of Sir Isaac's Newton's apple here on earth'. That is the subsequent acceleration due to Earth's gravity. As the apple moves closer to the Earth the net mutual density of the information increases. The net gravitation increases and the apple will experience an

increasing acceleration. The acceleration the apple experiences 1mm from the ground is greater than it experiences 5 mtr from the ground. This of course is difficult to measure because the resolution of this distance is so minute. In the same way Halley's comet accelerates the closer it approaches the sun.

In the case of a so called Black Hole the outward information density is so great, that the [TC 1 affiliation] are sufficient to influence the availability [o's] of a photon. Hence the gravity of a black hole is the winner even in the case of light. It is captive in the 1D and cannot propagate outwards.

8 General Statements

1 The universe exists as 2 separate entities of time a. The Primary dimension [Ut] which is constantly emerging and populating itself with zero 1D time points.

2 [Ut] is a manifold existing with isometric, uniform and homogenous time points of zero time causing the 1D macroscopic manifold of space, which Newton referred to as the Absolute.

3 As [Ut] is constantly producing New Space, if a body of matter exists in its vicinity, the particles of that body modify the character of the zero time and become a [1] point time.

4 New Space is constantly emerging which produces a constant stream of [O'S OR 1] where matter is apparent.

5 As New Space propagates itself information of each body in the universe including their total particle behavior is distributed spherically around it which we refer to as 3D spacetime. Similar to the ripple effect described earlier but in 3D.

6 The expression for the Universe with reference to this model is [Ut3d] where Ut exists as a [0 or 1], and the 3D is the Euclidian model of x,y,z. This can be further symbolized and shortened to become [AR = EJ] meaning the Euclidian Johnson model of the universe. Which means 1 set 3D frames and 1 frame of 1D.

7 The zero 1D points are not modified in absence of matter.

8 The expression for the operators [O'S and 1 time points]: [0 → 1], [1 → 0] which means the o's are affiliated to 1's and the 1's are affiliated to the o's in any contiguous spherical 1D frame of information to be found existing around every single sub infinitesimal entity in space. Where, these spheres of information are being propagated at the rate of 300,000kms with an inverse of r^3.

10 The resultant gravity is determined by the ratio: [0 ∞ 1] in a contiguous information body and the resultant gravitational force between the 2 solid forms in 3D.

$AR = G \frac{01_1 01_2}{r^2}$ in a flat 2D spacetime or $4/3\pi R^3$ in a 3D spacetime.

The body which has the greater number of [1's] has the dominant gravity.

11 This symbolized expression refers to Absolute Relativity and The Grand Unification

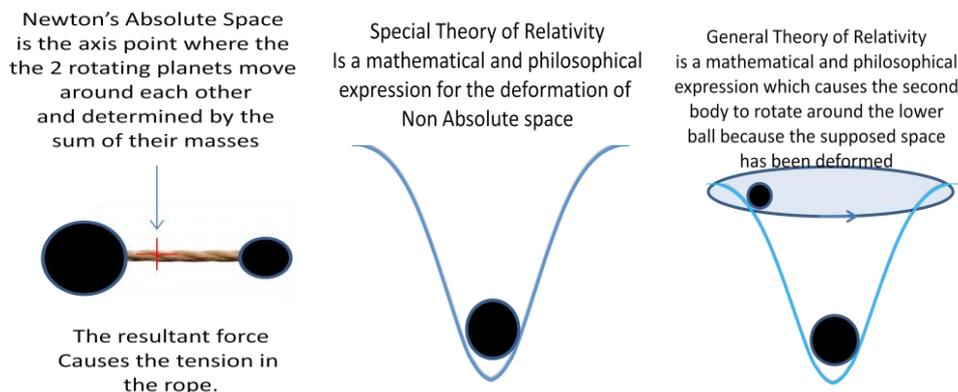
$$AR = Ut3D \text{ or } AR = EJ \text{ meaning } 1D + 3D = 4D$$

Where [Ut] is the Absolute as predicted by Sir Isaac Newton and 3D is the Euclidean spacetime vectors which limits STR and GTR.

12 This mechanism is responsible for the cause of gravity, universe enlargement and unification of the 4 forces in nature.

13 This mechanism is responsible for the information exchange between different living species and gravitation between bodies.

Newton's practical 'Absolute Space' philosophy vs Einstein's mathematical thought models of Special Theory of Relativity and General theory of Relativity



The strength of Newton's case is that Absolute Space can exist as a plane of constant 1D time irrespective to the motion of the bodies. The weakness of Einstein's case is that the Absolute does not exist and space is strictly limited to spacetime + temporal time. It also does not provide an identified mechanism for gravity, and Newton's does. Since then we have discounted Newton, and continue to fail to understand the operator mechanism for the cause of universal gravitation since 1905.

What Newton did not realise is or could not realise at that the birth of his ideas regarding Absolute Space is, it is actually being created second for second at the speed of light. As a totally independent singular dimension. Forming a forever enlarging manifold with a construct of 1D points of constant time being produced isometrically everywhere in the universe. And where matter is apparent causes the modification of these points, which determines the information corresponding between the bodies. Hence the gravitation between the bodies in his illustration above it is not a rope but a stress of affiliated information, which remains connected to its originating source. Which hence causes the reason why one body is attracted to another, whether immediately opposite or all bodies which exist in the universe

forming a 1D lace of information. STR and GTR ingeniously predicted, but unable to provide an answer to the below observations as it does not identify a Gravitational Operator as a reference, it is merely a mathematical gravity model which identified the paradoxes without presenting a satisfactory solution.

1. They fail to explain:
 - a. Temporal time dilation at high % Velocity of [C]
 - b. Relative length contraction at high % Velocity of [C]
 - c. Temporal time increase at increasing distance from a source of gravity

2. TONS is able to explain these above phenomena simplistically below:
 - a. **Temporal time shortens** the closer a clock approaches 'In Phase' emergence of [Ut] primary space. Currently 300,000kms = Time Constant [o].

 - b. **Apparent length shortening** occurs as the relative amount of emerged space is reducing with increasing velocity and less available space has emerged causing it to be relatively shortened with reduced information.

 - c. **Temporal time increase** moving away from a gravitational origin. This is a bit more complicated. When the clock on Earth's gravitational surface reads 1 o'clock;

The temporal time has an originating reference frame of information. Means a mutual ratio information [like the apple and Earth]. Between it and the Earth.

The clock and the Earth they both possess individual information about themselves. Temporal time is a meter of illusion.

When the clock is conveyed beyond its gravitational origin (meaning increasing spherical diameter and decreasing frame of [o1] information).

And moves away from its origin the ratio of information transfers to its favour. The gravity of its origin is depleting.

The clock will tick faster because it is moving through an enlarging inverse distance. It is behaving like a bicycle wheel. The further away from the axis the faster it has to tick. Conversely if you return the clock toward its origin the clock will show the opposite effect.

The clock temporal time is an illusion because it only reflects a sum outcome of the gravity of its origin and itself.

The passing of one second of temporal time is unique to Earth and unique to our experience living here. The temporal clock second on planet Saturn has a completely different meaning and frequency. But you will have to take the same clock to Saturn to prove this.

The Earth temporal clock passing one regular second here on Earth, will have a relative measured second of 0.25 second on Saturn of Earth time. (or thereabouts the actual difference is not important)

The same clock will pass 0.25sec on Saturn because we are still considering the same temporal clock time with a reference to Earth second.

The temporal clock has a relationship with itself and the source of gravity. It varies depending upon what planet is on and how fast it is moving.

To conclude, the clock moving away from Earth ticks faster as the ratio of mutual information is reducing. The clock only records time according to how much information it has relative to the surface which it is on. This is no different than Sir Isaac's Apple affect.

Unification of the 4+ forces of nature: This process enables information to be exchanged between all things especially the dynamics of the sub infinitesimals. Including different species of living things as referenced below.



10 Conclusion

Constant Time is the prime dimension of the universe. The kinetics involved with its emergence precipitate matter. While the value of its emergence is and around the value [C], light is obliged to be limited to this velocity in 3D and matter will persist.

Should the background kinetics involved with the creation of emergence vary this will adjust the atomic cohesion of the standard model of particles. Should that happen the currently persistent matter will revert back into the kinetic form and disappear and return to Newton's Absolute Space.

New Space emergence causes the unification of the 4 forces of nature by way of sub infinitesimal information exchange. It also permits the interaction between non related species such as the flower insect mimics. Where a flora does not have a brain or nervous system is able to duplicate not only the shape of a solitary wasp, disperses the pheromone of the female of the insect species but also comes into flower before the female of the same insect species emerges from a pupae in the ground. Also the flower takes the wing form of the pre copulation display of the female prior to mating and cause successful breeding of its own species, as it unable to self pollinate.

This cannot be put down to an evolutionary accident as the insect involved in this case **Gorytes** a solitary wasp was fully evolved in the late cretaceous period some 150 million years ago. At that same time the Angiosperms **Orphrys insectifera** an example were only just beginning their own unique evolutionary progression. These angiosperms did not commence producing flowers until the upper Eocene period, which means the time period between a fully evolved Gorytes and when the orchid commence flowering was around 130 million years. This means there must be an information link and feedback to assist the orchid to so closely mimic the wasp. It could not possibly know it exists without a brain, and then mimic it so closely. There are many examples similar to this where flora have copied habits of insects, and if not used for pollination purposes then eat them.

Acknowledgements; Lt Cdr A. Mitchell RN.

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- [5] Euclid The Elements
- [6] Erik Verlinde On the origin of Gravity and the laws of Newton.