57. The Field Strength of Subtle Energies Originating from Objects in our Galaxy

by

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Background

The main challenge in physics today is unifying quantum theory with gravity. This paper forms part of my 37-year study into the physics of Subtle Energies and contributes to the growing belief that the extended mind is involved in solving this problem. Subtle Energies have been known and recorded for thousands of years. They are associated with the Earth, astronomical sources, as well as with life-forms. They criss-cross the landscape, especially around Neolithic stone circles (possibly providing the motivation to build them). They easily pass through large solid objects, even the Earth, without any diminution. Yet to date, there is no explanation or comprehension, as only a few people can feel them, and even less can see them. Furthermore, currently, there are no detectors or accurate meters to measure them. Interestingly, some children under about 10 years old have the inbuilt ability to both see and feel them. Subtle energy beams usually consist of geometric shapes such as lines and spirals.

Abstract

This paper addresses several topics of current academic research into fundamental areas of physics and cosmology that involve: -

1. The fact that the act of making an *observation* may affect the results of quantum physics experiments.
2. Hence Noetics - specializing in the intersection of science and human experience.
3. The structure of the universe and the role of Geometry is a more recent topic of growing academic interest.
4. Further research into Entanglement – not only in the quantum world, but also in the everyday macro world.
5. Discussions on the theory of a "universal consciousness".
6. If subtle energies fit into "the theory of everything".
7. Whether there is any connection between subtle energies and dark energy.

The interesting conclusions of this paper include unexpected relationships between Subtle Energies, their distances from the Sun, compatibility with general and special relativity, and gravity. These conclusions are supported by further evidence detailed in the Appendices which summarise historical published research in addressing the above aims. They have included experiments involving subtle energy beams created and measured during alignments across the solar system, such as eclipses of the sun and moon, to transits of Neptune and other planets by the moon, as well as the alignment of 3 planets one of which is the Earth. The convincing mathematical evidence extends to the centre of the Galaxy.

It is expected that the findings may make a significant contribution to solving many of the above aims.

Technique and Protocol

Noetics is usually associated with **physical objects**. But **geometrical shapes** are also associated with, or emit Subtle Energy lines, even if the source geometry is drawn on paper, or is abstract, such as by conscious intent and visualised in 3-dimensions as floating in air. Subtle Energies also vary over time and are influenced by many natural forces and fields such as gravity or rotation etc. For those researchers who are unable to see or feel Subtle Energies, the following section details their use when making Noetic measurements.

Using Noetics when studying geometrical shapes produces unique patterns of Subtle Energies [41]. The most practical and accurate protocol for scientific measurement is to use the simplest geometry – a dot [23]. Although scientists often avoid a singularity, I am happy to research them for the reasons detailed in Appendix 1.
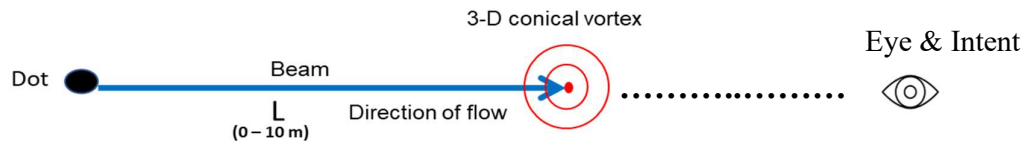

Figure 1. Noetic Observation of a Dot

As depicted in Figure 1, a dot produces a tubular subtle energy beam with a perceived outward flow towards the observer, wherever located. This beam ends in a clockwise spiral, which is perceived as a 3-dimensional conical vortex with a vertical central axis [13]. The perceived length of this beam I have defined as **L,** which is measured from the source dot to the central vertical axis of the spiral. The precise locations of both the dot and this vertical axis can readily be detected by an experienced Noetic researcher to produce accurate measurements. In practice, **L** has values between 0-10 m. (The width of the beam is about 10 cm diameter, but as this width is not used it is irrelevant in this paper). An important benefit of this technique is that the geometry of the dot takes on the properties of the Subtle Energies being emitted from the object of the mind's conscious intent. This unbelievable event will be addressed in many of the following experiments in the Appendix, such as Entanglement.

Findings

Figure 2 is a summary of the findings of this paper in graphical form. These graphs are plots of the distance between each planet and the Sun, **D_s**, against the Noetic field strengths **L**, which is the associated Subtle Energy from the planets, as far as Pluto. As is apparent, 3 sets of data were taken on 9th December 2020, 9th January 2021, and 16th April 2021. On inspection of their superimposed graphs, these 3 sets of data are in exceptionally good agreement, as are their Excel calculated trendlines. Their resultant equations are of a logarithmic form, with incredibly good correlation coefficients, as depicted in Figure 2. This provides further confidence in the unusual technique that was adopted, (involving **L),** was an appropriate protocol.
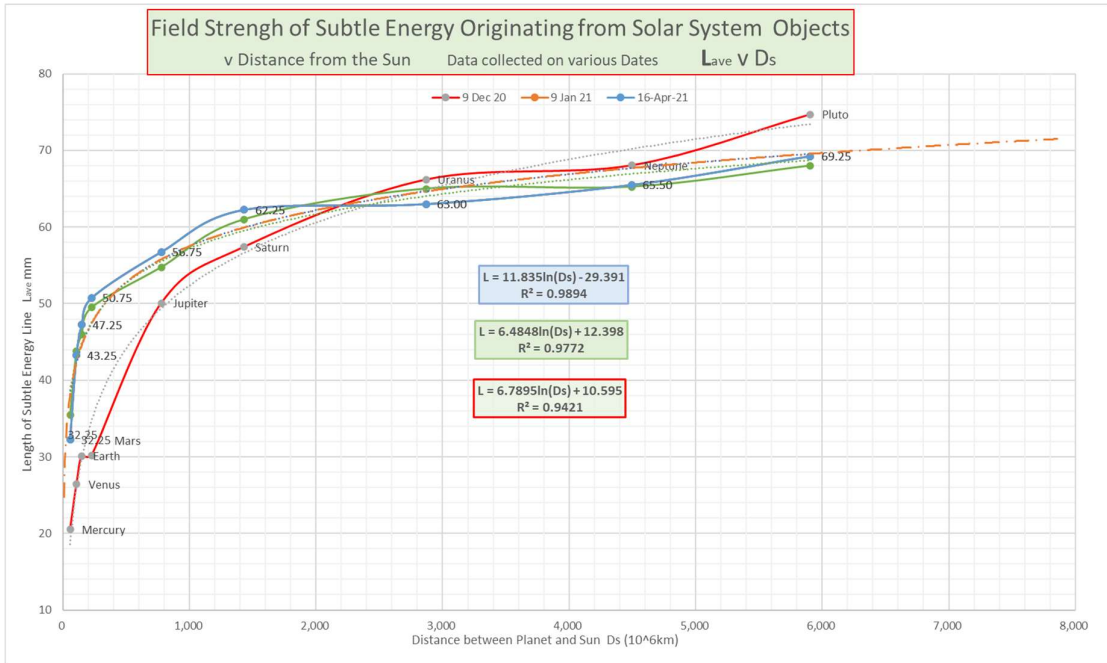
Figure 2. A Plot of the Length of the Noetically Perceived Line Generated by a Dot Against the Distance of a Planet from the Sun

However, it could be initially thought that a reasonable hypothesis is that these graphs are equivalent to plots of **L** against the gravitational force between the Sun and the planet in question. This interpretation is discussed later in the Conclusions. Visual inspection of the graphs confirms that the unexpected findings are that planets closer to the Sun have lower associated Subtle Energy field strengths, and planets further from the Sun have higher associated Subtle Energy field strengths. It would seem this effect is caused by the **inverse** of **gravity**.

If Subtle Energies can be detected from Pluto, how far can the graphs in Figure 2 be extrapolated? As a cynical joke, Figure 3 is a plot of bodies between the Centre of the Galaxy and the Sun, (**D$_s$**), against their Noetic field strength L. The data was taken on 9th May 2021. On inspection of Figure 3, the x-axis data (**D$_s$**) has a log scale, as the distances are so great it is necessary to fit the x-axis to the width of the A4 sheet of paper. The trend line is almost superimposed on the actual data plot, with its equation also being in a logarithmic form, with incredibly good correlation coefficients, in the same range as depicted in Figure 2. This provides further confidence in the unusual technique that was adopted, (involving **L),** is an appropriate protocol. But possibly more unbelievable is that the joke that led to Figure 3 suggests that the conscious mind's intent can in fact link to the centre of the galaxy! Is this another example of Universal Consciousness?
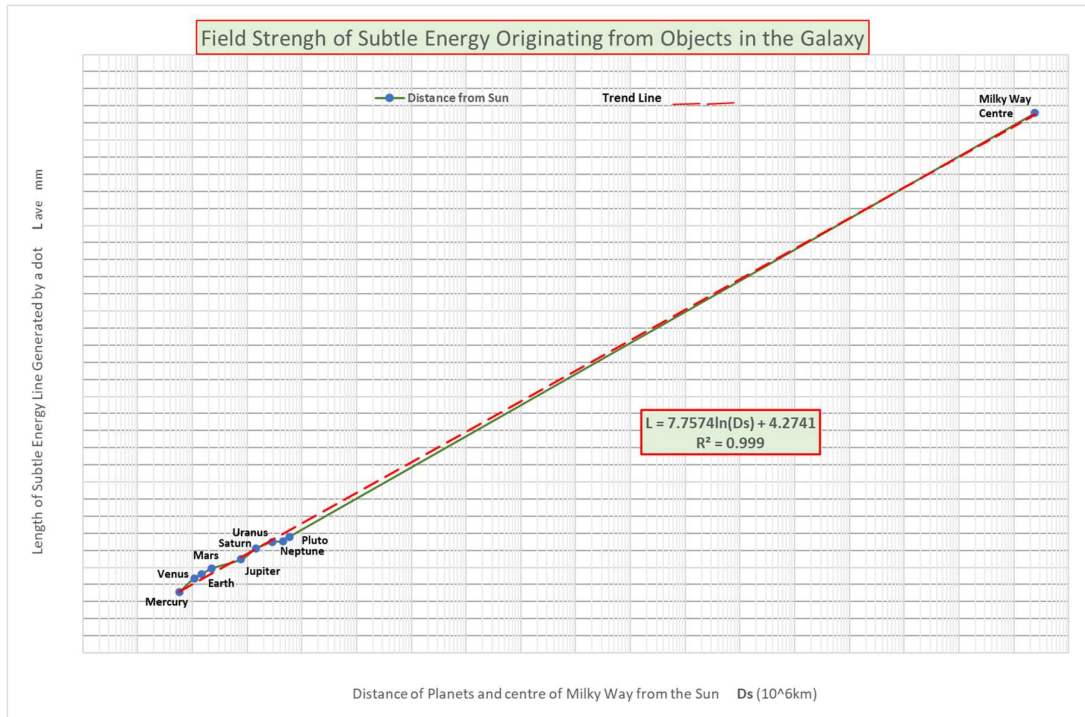
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Figure 3. A Plot of the Length of the Noetically Perceived Line Generated by a Dot against the Distance of the Planets and the Centre of the Milky Way from the Sun

To date, nine different types of Subtle Energy have so far been detected [49]. In the experiments in this paper, only 3 of these have been detected – Types 4, 8, and 9. Type 4 is very faint, but is usually associated with terrestrial experiments. Types 8 and 9 occur in astronomical experiments across the solar system, such as eclipses and conjunctions. As proven in the Appendices, they have speeds not only greater than light but are often instantaneous [31].

The interesting conclusions of this paper include an unexpected relationship between Subtle Energies, gravity, and Special and General Relativity theories; these are discussed later in the conclusions.

Experimental error

After hundreds of years of astronomical measurements, most of the reputable published mathematical factors, such as astronomical distances at the times of the experiments, and planetary mass, are very accurate. These sources include NASA, US Navy Tables, and Stellarium software at the date time of the experiments. The main source of experimental error is in the dates and time of the measurements of **L**. As explained elsewhere, **L** can be measured to ± 2 mm. Although the radio clock used was accurate to better than 0.1 seconds, the main problem was in synchronising the measurement of L with the clock. Therefore, a conservative figure is that time could be measured to an accuracy of ± 10 seconds. As is apparent, superimposing this experimental error has little effect on the findings and conclusions. To avoid criticism that the observer is influencing their measurements, the data was analysed weeks or months after the events.

Conclusions

The major findings can be summarised in the following bullet points.

- Subtle energies are "emitted" by the Sun and planets in the solar system to the centre of our Galaxy. This observation can be added to many other sources of Subtle Energies, both terrestrial and astronomical sources, already studied and published.

- The field strengths measured by an observer on Earth of subtle energies associated with planets, indicate a strong correlation to the planet's distance from the Sun. This correlation does not involve either rotation, spin, or the planet's mass. Instinctively a result opposite to expectations.

- Surprisingly, it is probably gravity in our Galaxy that causes the observed effects.

- This experiment is another demonstration that the Extended Mind can reach parts of the solar system at least to Pluto, and to our nearest galaxy!

- Subtle energies associated with planets and other objects have a linear Log relationship of the form

$$\textbf{L= x*ln (Ds) + c} \qquad \textbf{(i)}$$

  where x has a value between 6 and 12, and **c** is a constant in the range between 13 and -30. **L** is a measure of the strength of the local subtle energy emanating from a distant source as it affects local geometry. This equation has an extremely high correlation coefficient of $\textbf{R}^2$=0.9894.

  Figure 2 is a pictorial representation of this equation. It is also a pictorial representation of this equation on the 3 dates when the measurements were made. Simplistically, **lower** field strengths of Subtle Energies are perceived as gravity **increases**. Vice-versa, Subtle Energies **increase** asymptotically as gravity **decreases**. This is counter intuitive.

- To test the validity of this strange conclusion, subsequent cynical readings were taken in early May 2021, when the mind's intent was extended to the centre of the Milky Way. Figure 3 was the result, with the following trend line equation.

$$\textbf{L = 7.7574*ln (Ds) + 4.2741} \qquad \textbf{(ii)}$$
$$\textbf{R}^2 \textbf{ = 0.999}$$

  Not expecting a sensible result, not only is equation (iii) surprisingly consistent with equation (i) above, but its correlation coefficient value of 0.999 is so unbelievably high, it needs an independent challenge!

  In summary, Figure 2, and its equation (i) resulted when the mind's intent was limited to the Solar System.

  Figure 3, (an extension of Figure 2), and its equation (ii), resulted when the mind's intent was expanded to the centre of the Milky Way.

- However, the above equation and its unexpected findings are exciting because they are compatible with the findings of different experiments. This relationship between Subtle Energies and Gravity produced a completely different but compatible exponential equation, [46] as detailed in Appendix 2. These findings also concluded that the mind can also detect changes in the Newtonian gravitational force, $\textbf{F}_\textbf{g}$, that was caused by the Earth's orbital annual rotation around the Sun, and

its daily spin around its axis. Over the course of a year, and because of the Earth's elliptical orbit, a plot of **L** produces the equation

$$\textbf{L=6E+105*Fg}^{-\delta} \qquad \textbf{(iii)}$$

which also has an extremely high correlation coefficient, $\textbf{R}^2$=0.9745. The power index is Feigenbaum's constant within 0.013% error. Figure 9 in Appendix 1 is a pictorial representation of this equation. Simplistically, an observer perceives **lower** field strengths of Subtle Energies when in **greater** gravity**,** and asymptotically **increased** subtle energy strength when located in **decreased** gravity. Another unexpected result, but identical to equation (i) above!

- The above two equations (ii) and (iii) are another example of the mind's ability to interact with natural forces and produce a universal constant, suggesting that once again consciousness is intimately connected to the fabric of the universe.

- The data for Figure 2 was measured on 3 different days and collected over a 5-month period. Figure 2 was then plotted as 3 closely superimposed graphs, each with remarkably high correlation coefficients. It would seem in this experiment, that **L** is time independent - an unusual finding for subtle energies. Earlier studies in many other different experiments show that Subtle Energies usually vary with time, but on this occasion the Subtle Energies in this study are not affected by the Earth's orbit or rotation etc, so Figure 2 indicates no terrestrial involvement.

- Studies in 2009 [27] on tides and their dependence on new and full moons are summarised in Figures 6 and 7 of the Appendix. They came to the same conclusion as statements (iv) and (v) below.

- Summarising this paper's findings, it would seem (after 12 years of research) that Subtle Energies exist from the moon to the centre of the Galaxy, and they create the following 2 laws: -

  L decreases as gravity increases   **(iv)**

  L increases as gravity decreases   **(v)**

- It is hoped that solving the above and the other conundrums, utilising the new knowledge in this paper, may make a contribution to achieving some of the 7 aims detailed in the Abstract of this paper.

Postulations

1. How and why does gravity change L? A possible answer is that L is a subtle energy beam created by the geometry of space-time. Using the language of General Relativity, higher gravity causes a higher distortion (or greater curvature) in the local geometry of space-time. I postulate that this diminishes L in a similar way that clocks run more slowly when gravity is stronger. On the other hand, low gravity produces little distortion in the geometry of space-time so L can expand unhindered.

2. Although seemingly unbelievable, by changing the intent of the mind, entanglement can easily be created between any aspect of the solar system and the mind.

3. Are Types 8 and 9 Subtle Energies the answer to *action at a distance*, and Entanglement in general?

4. Is the inverse connection to gravity a suggestion that certain Subtle Energies (such as Types 8 and 9) are connected to Dark Energy, and the unexplained expansion of the Universe against the attraction of gravity?

The way forward

1. More people need to be trained in this technique of measuring L and repeat these experiments to improve confidence in not only the technique but in the accuracy of the results.

2. More research is required to understand the similarity or otherwise of the planetary Subtle Energies studied here, to other subtle energies such as alignment beams, psi-lines, peace grids, and beams such as those emanating from Jupiter's Red spot, sunspots, geodes, or even the L beam created by a dot.

3. Figure 11, in the following Appendix, is an example of such Subtle Energy structures. It is of the side view and cross-section of the internal structure of an Alignment Beam.

4. Why not attempt to extend Figure 3 to our nearest galaxy – Andrometer?

Appendix – Examples of other research into Subtle Energies

Further Technical Aspects of L

As discussed above, and for the convenience of the reader, my original method for taking very accurate Noetic measurements is depicted in the copy of Figure1 below. Using a dot produces a tubular subtle energy beam, with an outward flow towards observers, wherever they are located. This beam ends in a clockwise spiral, which is often perceived as a green 3-dimensional conical vortex with a vertical central axis [13]. The perceived length of this beam I have defined as **L,** which is measured from the source dot to the central vertical axis of the spiral. In practice, **L** has values between 0-10 m (The width **of** the beam is about 10 cm diameter, but as this width is not used it is irrelevant in this paper).
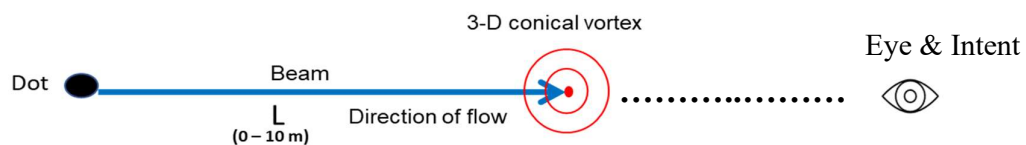

Figure 1. Noetic Observation of a Dot

This subtle energy beam should not be confused with auras which radiate out in all directions in an ellipsoid form from both physical bodies or geometric shapes. The size of these ellipsoidal auras depends on many factors which include the shape, size and composition of the source object.

The author's preferred technique is to draw a dot, in pencil, on a small sheet of white paper fixed vertically to a wall at floor level. The act of observing the dot is key in producing the tubular subtle energy beam: this is analogous to observing quantum mechanics experiments. The orientation of the paper or the wall is irrelevant. It is the observer and the non-dimensional dot, not the 2-dimensional wall or paper that is important.

A tape measure is placed on the floor between the observer and the dot. The observer moves towards the dot using any method of Noetics until the central axis of the spiral is detected. To obtain the most accurate reading of **L**, attempting to use traditional pendulums or angle

rods is probably not good enough. Device-less Noetics (obtained after many years of practice) is required by using a pointer no thicker than 1 mm. The observer kneels at floor level moving the pointer along the tape-measure until the spiral's vertical axis (suggesting gravity is involved) is easily and accurately detected. The spiral may have a perceived colour of green, but its vertical axis may be perceived as white. This procedure also has the benefit of removing any parallax errors in measurements, between the observer's eyes and the tape-measure. Ideally, the data should be analysed days or weeks after the events to avoid sub-consciously influencing the measurements.

This subtle energy beam should not be confused with auras which are Subtle Energies radiating out in all directions, in an ellipsoid form, from physical bodies or geometric shapes. The size of these ellipsoidal auras depends on many factors which include the shape, size and composition of the source object.

There are 3 reasons why L is a powerful technique for scientific research

1. L can be measured very accurately to within 2 mm.
2. L is very sensitive to both local and astronomical forces such as gravity, spin, magnetism, tides, light / electromagnetic fields, and (importantly), geometric alignments.
3. L is also affected by other subtle fields under investigation, such as their flow, colour, ability to pass through solids, or any vector properties. The latter is important because measurements of some subtle energy fields are affected by their orientation when taken. This is especially important for practical fieldwork such as the study of "earth energy" lines or psi-lines.

No doubt, some readers will be sceptical of these claims about L and require some proof. In March 2008 I introduced 13 cynical UK Dowsing Research Group members to this technique. Without any practice, they individually dowsed the dot and measured L without any difficulty. This was repeated on 6 occasions over 2 days. A summary of the results of the personal variations and group statistics appears in Table 1 and shows a 13% variance.

Repeating the group experiment 3 months later produced an interesting improvement in the group's performance [24]. As shown in Table 2, the standard deviation had improved from a group variance of 13% to 7%. Practice makes perfect! It took me about 3 years to reach an accuracy to 2 mm. These results give confidence in the protocol when using this technique.

When adopting Noetics to detect and then measure Subtle Energies, one does not perceive a physical entity, but is creating a model in the observer's mind [20]. A good analogy is with sight. Sight is a model in the brain – not just an image on the retina, but a perception in brain cells via the eyes' retina, colour separation, rods and cones, stereo vision, and information transmissions along optic nerves to the brain. These separate components are combined in the brain and very young children learn to associate the 3-dimensional sight model in the brain with physical reality using touch.

	8/3/08 12:30:00 metres	8/3/08 16:00:00 metres	8/3/08 21:00:00 metres	9/3/08 09:30:00 metres	9/3/08 13:00:00 metres	9/3/08 15:00:00 metres	
DRG Member a	3.95	4.37	3.10	3.95	3.65	3.55	
DRG Member b	3.75		2.11	3.80	3.16	4.30	
DRG Member c	3.10	2.60	2.32	3.80	3.05	3.90	
DRG Member d	3.98		2.35	3.87	3.73		
DRG Member e	2.50	3.60	3.40	3.83	3.45	3.40	
DRG Member f	4.60	4.95	4.75	4.55	4.50	4.72	
DRG Member g	3.80	3.67	3.30	2.90		3.00	
DRG Member h	3.87	3.40	3.50	3.86	3.88		
DRG Member i	3.86	3.93	3.49	3.87	3.61	3.76	
DRG Member j	3.50	3.80	4.30		3.85	4.40	
DRG Member k	3.80	3.90			3.80	3.60	
DRG Member l	2.60	2.60	2.50	2.90	2.65	2.60	
DRG Member m		4.10	3.70	4.40		4.30	
Average	3.61	3.72	3.24	3.79	3.58	3.78	**3.62**
Stnd Deviation	0.46	0.50	0.63	0.32	0.36	0.50	**0.46**
%	12.64%	13.34%	19.55%	8.56%	10.12%	13.22%	**12.76%**
Maximum Value	4.60	4.95	4.75	4.55	4.50	4.72	4.68
Minimum Value	2.50	2.60	2.11	2.90	2.65	2.60	2.56
Max:Min Ratio	1.84	1.90	2.25	1.57	1.70	1.82	1.85

Table 1. DRG initial variation in the measurement of L

	14/6/08 11:30:00 metres	14/6/08 16:00:00 metres	14/6/08 22:30:00 metres	15/6/08 09:30:00 metres	15/6/08 12:30:00 metres	
Average	5.46	5.38	5.49	5.48	5.21	**5.40**
Stnd Deviation	0.43	0.42	0.36	0.40	0.37	**0.39**
%	7.86%	7.79%	6.58%	7.22%	7.01%	**7.29%**
Maximum Value	5.98	6.16	6.32	6.01	6.00	6.09
Minimum Value	3.90	4.05	4.70	4.20	4.30	4.23
Max:Min Ratio	1.53	1.52	1.34	1.43	1.40	1.45

Table 2. DRG subsequent variation in the measurement of L

When using Noetics to "perceive" the same phenomenon as being viewed by normal sight, the two images are subconsciously placed in slightly different locations in the brain. The brain tries to superimpose its Noetic model onto its sight model. The two are not always synchronised, especially if the observer can neither see nor touch the subtle energy being investigated. Therefore, there are differences how each person's brain superimposes its Noetic model onto its sight model. Everyone's measurements are not absolute, but consistent. This explains the variances in Table 1 and 2.

Daily Variations in L

It will be noticed from Tables 1 and 2 that L changes during the course of the day. Figure 4 is a plot of the data in Table 1 and is typical when measuring **L** in any environment. This sinusoidal curve motivated me into researching the causes of these changes and I will now briefly discuss my findings of five significant measurements of **L** that challenge science.
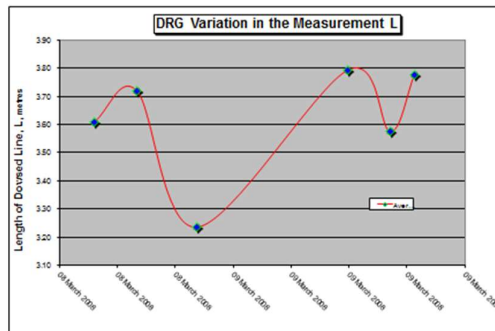

Figure 4. A graphical representation of Table 1

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Figure 5 is a graph of **L** over an arbitrary 30-hour period [26]. Initially it looks like a graph of the stock market! The main factors are local sunrise and sunset, indicating peaks at sunset at 8:00 pm, and a trough at sunrise at 6:18 am on the date of measurement. There is a 25% variation in L from peak to trough.
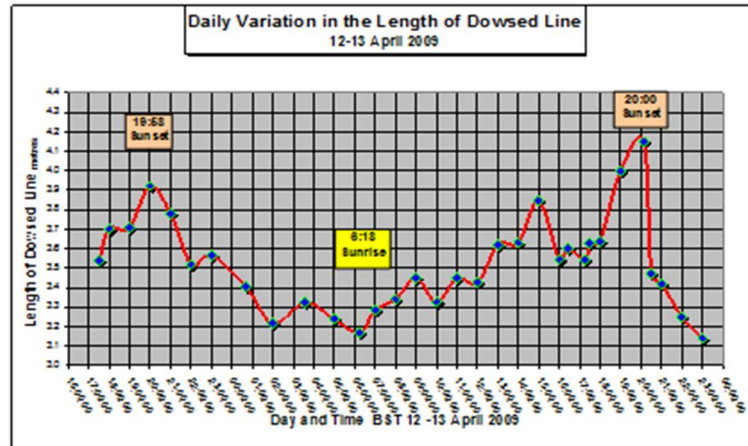

Figure 5. Typical daily variations in L

Lunar Effects on L

Figure 6 is a plot of **L** over a Lunar Month [27]. The main variations are due to the interaction of the Earth's and Moon's gravity. As depicted in Figure 7, a new moon produces a higher gravitational force to an observer on Earth, as the sun and moon's gravity are pulling in the same direction. Counterintuitively, L forms a trough and shrinks to 0 metres near a new moon. On the other hand, a full moon produces a lower gravitational force on Earth, as the Sun and Moon's gravity are pulling in opposite directions. However, L increases near full Moon, and in this instance, L climbs to a peak of over 7 meters.

This is not the same as the cause of tides. Tides are daily. Full and new moons are every 2 weeks. The effect on L is opposite to higher gravity causing higher tides. In general, higher gravity results in shorter lines. Lower gravity results in longer lines. The reasons for this are discussed in the following sections.
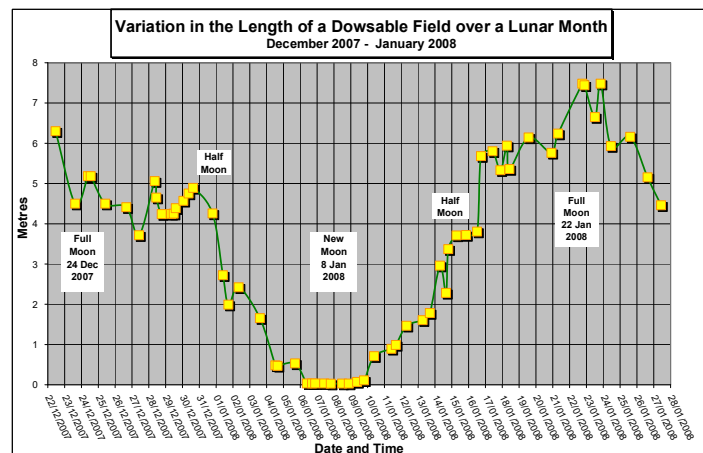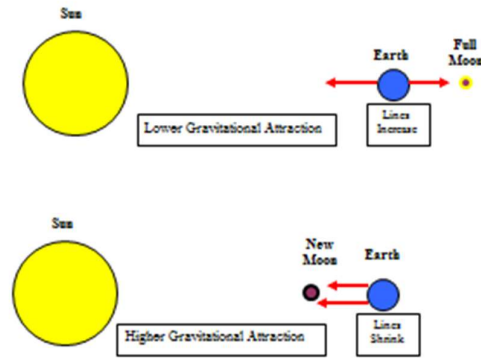

Figure 6. The moon's effect on L

Figure 7. The effect of the moon's gravity

Over thousands of years, there has been anecdotal evidence of new moon and full moon affecting both plants and animal life. If the cosmos affects Noetics and our minds, what else does it affect: possibilities include health, mood swings, menstrual cycle, turtles hatching, and even lunacy?

L and Gravity in General

This section explores gravity in general, ambitiously, across the Solar System. Many years' ago, I discovered that the dimensions of auras and subtle energies increased when climbing up low hills or up mountains. The effect is even greater when flying at 32,000 feet over the Atlantic: my experiments causing much consternation amongst the cabin crew!

These observations, together with those just discussed in relation to the moon, caused me a Gravity Paradox as they presented 3 problems: -

1. Lower gravity producing longer lines did not seem logical. (It is opposite to tides)

2. The decrease in Newtonian gravity at the top of a hill, or even at 32,000 feet is insignificant compared to the significant increase in **L**

3. Why should the increased length of **L**, be many orders of magnitude greater than the inverse of the change in the Newtonian force of gravity?
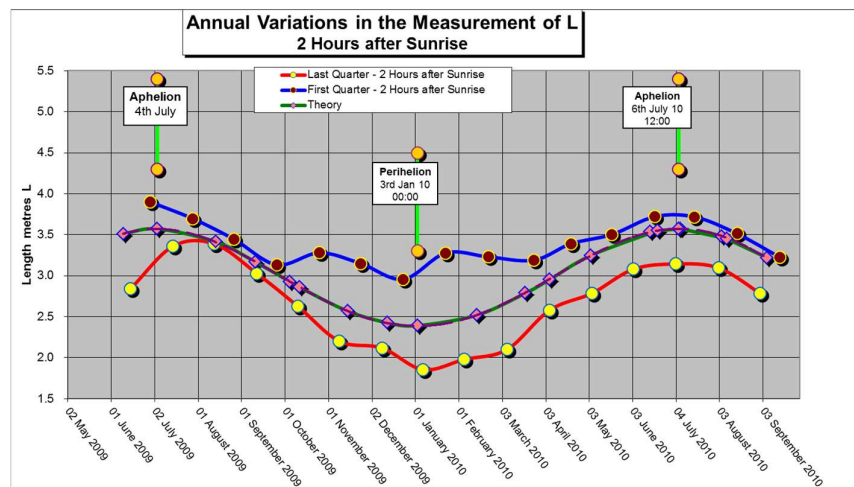

Figure 8. The measurement of L over an 18-month period

To solve this paradox, I measured L over an 18-month period, as the earth's elliptical orbit provided a varying gravitational force between the sun and earth. The protocol was refined numerous times, to eliminate all non-gravitational variations. For example, measurements were made at the same time every day to overcome daily variance. In addition, dates were chosen to compensate for spin and rotation of the moon. The findings are presented graphically in Figure 8.

Measurements on the top line were made when the moon's orbit was in the same direction as the earth orbiting the sun. The bottom line plots measurements taken when the moon's orbit was in the opposite direction to the earth going round the Sun. The middle line is an average of these two lines, in order to eliminate the effects of spin from gravity. The main features are:-

- Perihelion (when the earth is closest to the sun) produces a higher gravity: but a trough in L

- Aphelion (when the earth is furthest from the sun) produces lower gravity: but a peak in L

It is very reassuring, that after this18 month experiment, these findings are compatible with Figure 6 and the earlier findings detailed above. However, these results did not resolve my double paradox –

1. Why was L affected by gravity? and
2. Why did weaker gravity produce longer lines?

Using the well-established Stellarium program, the data in Figure 8 was reanalysed about 1 year later to find the actual distance between the sun and earth each date and time L was measured. Using the standard inverse square law (involving the masses of the sun and earth, and G the gravitational constant) this actual distance enabled the precise Newtonian gravitational force between the Sun and Earth, on each date and time L to be measured [46]. Hence, as the earth circled the Sun, L was plotted against the actual Newtonian gravitational force involved. This is shown in Figure 9 and led to my discovery of an enhanced Newtonian gravity equation, which is exponential,

$$L = 6E{+}105 \ F_g{}^{-\delta} \hspace{4cm} (i)$$

For the non-mathematical reader who finds equations off-putting, the essence of this formula is as follows: -

The length of the subtle energy beam emanating from the dot (which is measured to be in the range 0 to 10 m for observations on earth) is determined by a very large number divided by a similar number having 1 less nought (the Newtonian force of gravity F_g raised to the inverse power of a constant).

Encouragingly, just from inspecting the graph in Figure 9, and without any knowledge of mathematics or graphs, this equation is compatible with all the previous findings –

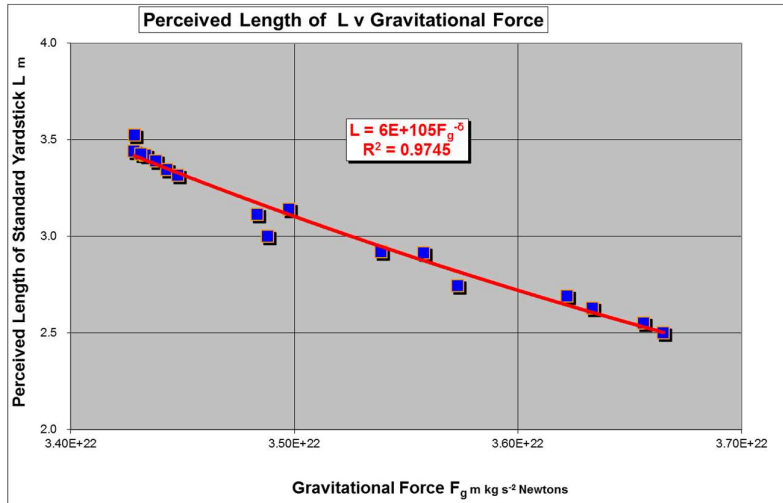L increases as gravity decreases.

L decreases as gravity increases.

Figure 9. The results of plotting the data in Figure 8 against the actual gravitational force between the Earth and the Sun at the time of data measurements

Looking at this equation in more detail, it is immediately apparent that this formula has a very high correlation coefficient $R^2 = 0.9745$ indicating that the data fits the equation to a very high accuracy. Even more important is that the power index, δ, is Feigenbaum's first universal constant. Data that produces universal constants are the gold standard for producing recognised scientific discoveries. Moreover, the power index in the equation (i) is within a remarkably accurate 0.013% error of the accepted accurate value of Feigenbaum's constant, as depicted in Table 3.

Power Index from Equation	4.6698
Feigenbaum's Constant	4.6692
Difference	-0.0006
% Difference	**-0.0129%**

Table 3. Gravity, chaos, and the mind

Feigenbaum's Constant is usually associated with bifurcation, fractals, turbulent flow, and chaos theory. (This seems to reflect the structure of the Universe and the evolution of life). I was obviously not only astounded by this unexpected relationship, but also with its very high accuracy. However, this still leaves 2 challenges.

1. How and why does gravity change L? A possible answer is that L is a subtle energy beam created by geometry in space-time. Using the language of general relativity, higher gravity causes a higher distortion (or greater curvature) in the local geometry of space-time. I postulate that this diminishes L in a similar way that clocks run more slowly when gravity is stronger. On the other hand, low gravity produces little distortion in the geometry of space-time so L can expand unhindered.
2. Each side of the equation has totally different units: Length and Newtons (kg m s^{-2}). Normally, I would reject this result as bad data. However, as this equation has a very high accuracy, involving a universal constant (also to a very high accuracy), I feel this result should be taken seriously!
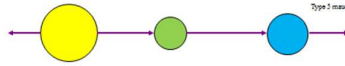
Subtle Energy and Geometric Alignment

Figure 10. A representation of a 3-body alignment beam

Any three objects in alignment, be they 3 grains of sand, 3 trees, 3 coins, 3 stones, 3 abstract circles drawn on paper, or even 3 objects in the solar system all form a strong subtle energy beam that experimentally has been perceived to extend endlessly. In each case, they always form a strong alignment subtle energy beam, having the same properties. This is depicted in Figure 10. The beams are perceived to go on endlessly. They are also perceived as having a mauve or violet colour [28].
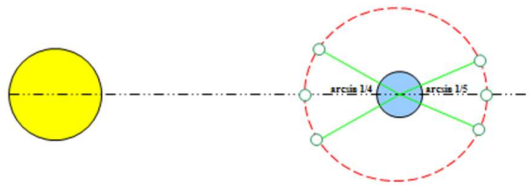
Figure 11. The angular limits of 3-body alignment

What is the geometric tolerance of 3-body alignment in practice? As depicted in Figure 11, for an observer on the blue sphere, the maximum deviation out of perfect alignment depends on the position of the observer in relation to the third body [30].

- For observations from a "full moon", or inner body situation, the deviation from a straight line through the centres of the 3 bodies must be less than or equal to arcsine ¼ (14.4775°)

For observations from a "new moon", or outer body location, the deviation must be less than or equal to arcsine 1/5 (11.537°)
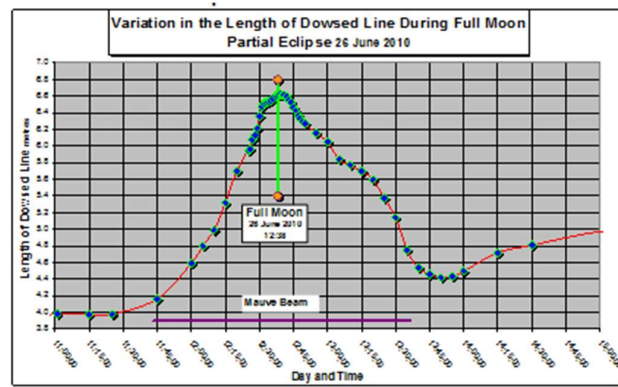

Figure 11. An example of a 3-body alignment beam produced by an eclipse of the moon

It is instructive to examine a lunar eclipse, which is a practical example of a 3-body alignment. The following eclipse was not even visible in the UK, where the measurements were made. The 3-body alignment subtle energy beam, which passed through the earth, caused a peak in **L.** The data for this experiment is represented graphically in Figure 13. Note that the dot's white subtle energy beam, **L,** has been affected by the alignment beam's

mauve colour. This shows that the alignment beam extends over the 2-hour duration of the peak and is the cause of this peak.

Subtle Energy Faster than Light

All astronomy is history, as it assumes that the light being observed has left its source sometime in the past. The published predictions for the exact times of astronomical events and alignments are based on observations made on earth. Excitingly, alignment beams can be used to measure the velocity of the mauve subtle energy beam, and hence, the speed of the mind's perception of information can also be measured [31].

As in all Noetics, the mind's intent is important. I repeated the experiment in Figure 13, but this time before starting, my mind's intent was on the speed of communicating subtle energy information along the 3-body interaction beam, with the relevant solar bodies. I have repeated minute by minute, accurate measurements of L on numerous Full Moons. Figure 12 is two of many examples showing the difference between the predicted time of full moon and the peak of L. In all cases, the detected peak was 5 - 10 minutes earlier than the published time of the full moon, which is depicted as the vertical green lines. This time difference is the same order of magnitude as the time sunlight takes to reach Earth from the sun. This suggests faster than light communication by the mind.
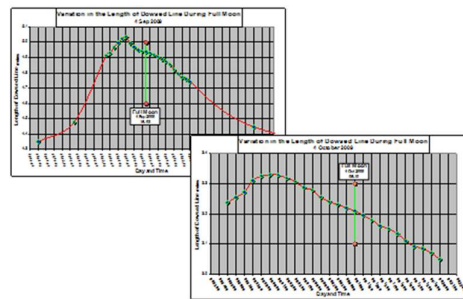

Figure 12. Initial examples of faster than light experiments

What happens when accuracy is increased by using longer distances, and hence times, in the solar system? The following Figures plot the experimental values of L for Jupiter, Saturn, and Neptune conjunctions. In all cases, the mauve alignment beam lasts for the duration of the peak, and changes L from white to mauve.

In all these alignments, weeks after the experiment, and days after plotting the graphs, the accurate actual distance between the Earth and the planet under investigation on the day of the experiment, was ascertained from Stellarium as well as using the very accurate US Navy astronomical tables. Similarly, accurate prediction times were obtained by running Stellarium backwards, together with information from the International Occultation Timing Association.

As shown in Figure 13, the Jupiter peak was 45 minutes before the predicted time of conjunction, which is identical to the time light took to reach Earth from Jupiter [29]. Using the speed of light in a vacuum, the accurate time reflected sun light from Saturn, took to reach an observer on Earth (on the day of the experiment), was 1 hour 18 minutes. Again, as shown in Figure 16, this is in remarkable agreement with the 1 hour 19 minutes obtained from the Noetic data plotted weeks earlier.
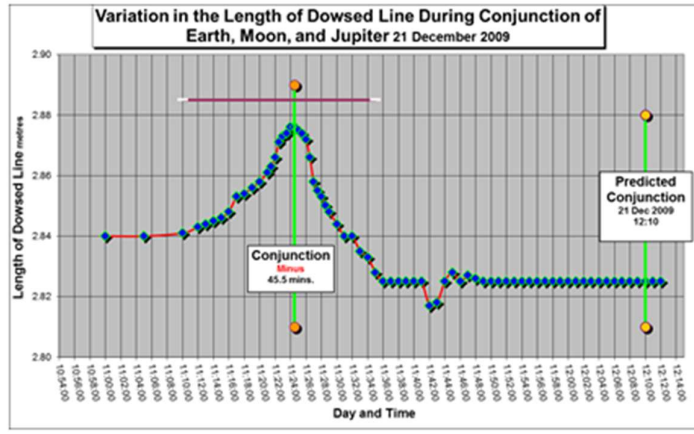
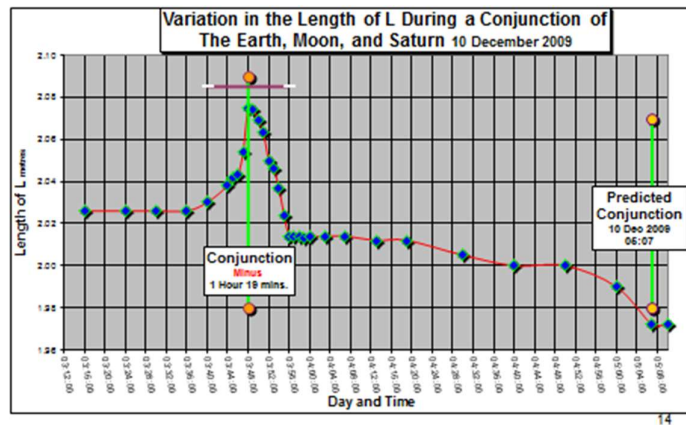**Figure 13. Instantaneous communication across the solar system to Jupiter**

Figure 14. Instantaneous communication across the solar system to Saturn

I wanted to discover if the extended mind could receive information much faster than light from the furthest planet. There was a good opportunity in September 2016 when there was approximately a 50% transit of Neptune by the Moon. As is apparent from Figure 15, the graph shows all the same features as the previous alignments. The peak's maximum, as detected by the mind at 16:37:30, was 3 hours 51.43 minutes before the predicted time of the conjunction at 20:28:56. Light took 4.016 hours to reach Earth from Neptune at the time of transit. This demonstrates again instantaneous communication within a 3.95% experimental error.

Although the same methodology was used for all the above planetary alignments, a summary of these calculations for Neptune are set out in Tables 4, 5, 6 and 7, which also give an indication of the data's source. Table 7 combines the conclusions of the previous tables to prove that the mind can communicate instantaneously to Neptune with a better than 4% experimental error.
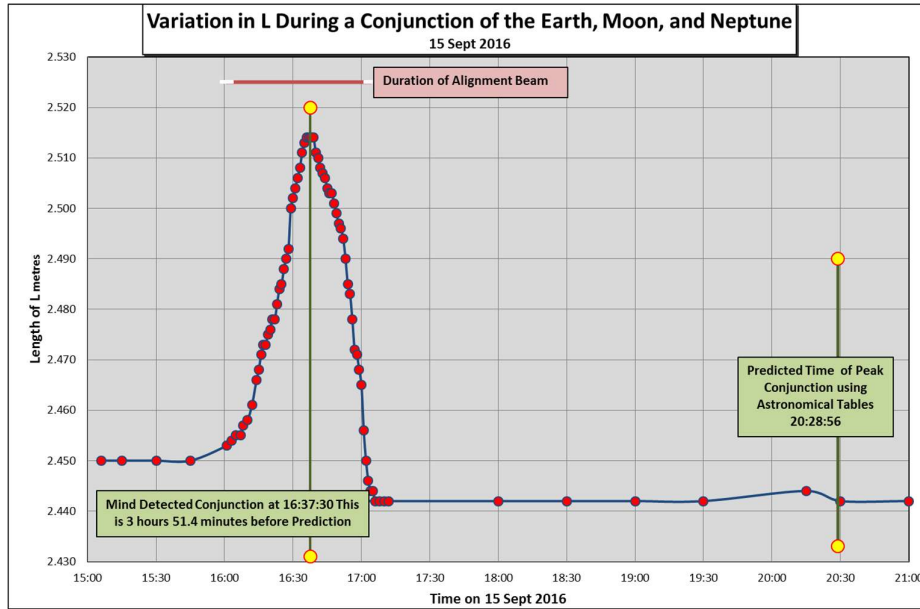
Figure 15. Instantaneous communication across the solar system to Neptune

Stellarium/ IOTA		
End of Transit	Start of Transit	Duration
20:52:43	20:05:10	00:47:33

Table 4. Start and end times of conjunction

	h:m:s
Predicted Time at Peak Conjunction	20:28:56
Time at Mind Measured Peak Conjunction	16:37:30
Difference	**03:51:26**

Table 5. Astronomical tables and mind detected peaks

US Navy			
Earth - Neptune distance at Conjunction	28.970749	AU	Speed of Light
1 AU =	149.597871	MioKm	**metres per sec**
Earth - Neptune distance at Conjunction	4333.96236	MioKm	299,792,458

Table 6. The Earth - Neptune distance at conjunction

	mins
Time Light takes to reach Earth from Neptune at Conjunction	240.942372
Time Difference between Predicted and Mind Measured Conjunction	231.430000
Difference	**9.512372**
% Difference	**3.95%**

Table 7. Calculation of the time light takes to reach the Earth from Neptune at conjunction

It is also of interest to note that for Neptune in Figure 17, the peak of L is 2.61% above the initial baseline; this is a similar order of magnitude as for Jupiter and Saturn. However, none of the above 3 conjunctions had the centres of their 3 bodies in perfect alignment. If rarer perfect alignments at conjunction were selected, it is possible that the peaks of L would be higher, and their percentage increase would be more consistent. Even so, it is with some confidence to postulate that a subtle energy alignment beam does not diverge across the solar system, and in this respect, it is similar to terrestrial psi lines.

These experiments demonstrate that the mind can communicate not only faster than light, but instantaneously across the solar system, and the structure of the universe is such to enable this to happen. It also suggests that macro entanglement is possible.

The Structure of Subtle Energy Beams

The internal structure of the alignment beams is 7 or 9-fold fractal geometry, and is similar to mind generated psi-lines [43], columnar vortices generated by a range of physical objects such as Amethyst geode's, Jupiter's red spot, pyramids, cones, a stack of CDs interspersed with paper, sun spots, as well as the L beam created by a dot [52]. An example is shown in Figure 16. This cross-section comprises 3 rings each with 7 subtle energy "rods" and a central core, held together by a web that keeps the beam parallel indefinitely. This fractal geometry pattern is repeated smaller and smaller for each rod and core. Alignment beams created by solar bodies probably have diameters greater than that of the earth. Because these alignment beams are fractal, the local L beam acquires the same geometry but at a much smaller size than the beam being investigated.
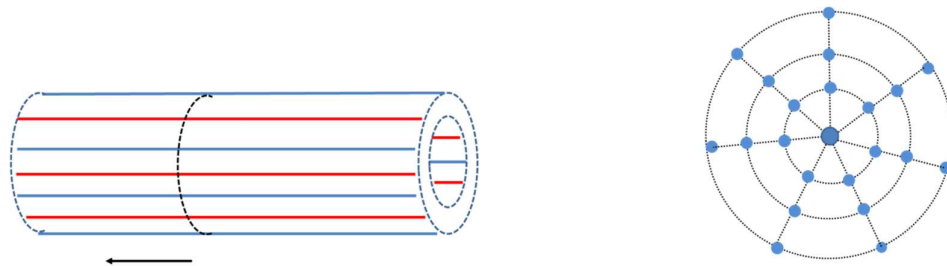

Figure 16. An example of the side view and cross-section of the internal structure of an alignment beam

Summary of the Overall Conclusions

- The mind interacts with geometry, the laws of physics, and finds universal constants. Universal Consciousness, which started with the Big Bang, is intimately connected to the structure and fabric of the universe, and chaos theory [45]. The solution to quantum gravity involves consciousness.

- the Extended Mind can reach to the centre of the Galaxy.

- the mind can detect gravitational changes, and universal constants.

- information can be transmitted by the mind not only faster than light, but instantaneously.

- These findings in this paper also have many consequences for cosmology. For example, the existence of instantaneous communication may avoid the need for *Inflation Theory,* just after the big bang, to explain the rapid expansion of the early universe.

- These findings, which are in the macro world, are often compatible with quantum effects, such as entanglement of particles, in the micro world. It has long been known that observation, or in our case conscious intent, affects measurements.

- It would seem that the structure of the universe enables 2 or more bodies to "know" where they are in space-time. Similarly, 3-interacting bodies must also "know" when they are in alignment. They all have instantaneous communication.

- Therefore, we should encourage a new meaning to the concepts of "mind" "intent" and consciousness". So, more research is needed into how and why the mind interacts with the cosmos.

Author's References

Author's Website - **http://www.jeffreykeen.co.uk/**

Author's Latest Book - **The Mind's Interaction with the Laws of Physics and Cosmology**

https://www.jeffreykeen.co.uk/buy-the-book

For the convenience of the reader not having to search for the relevant Journal, the following reference numbers relate to a copy of the original published paper on the author's website.

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