

Space has different densities of Energy

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Abstract

Hypothesis: Space is Energy and has different densities of Energy

i.e. Not all spaces have the same energy density

The Main Idea

Let's summarize the main idea in following:

- 1- The space is Energy
- 2- The Space has different densities of Energy
- 3- The space of higher energy goes to upper level where the lower Energy Space is found in lower level
- 4- As we see in air or water... the higher temperature air goes to up but the lower temperature air goes down.. this process uses the medium (air or water) to transfer the energy but without medium the space itself behaves by this same mechanism where the space is Energy has different densities and tries to reach the balance point of his different energy levels.
- 5- Also we know that, the higher places have potential energy higher than the lower places which supports the same meaning that **the space different densities of energy can be distinguished by different levels of space..**
- 6- Now let's suppose that, the planet uses the space potential energy by transferring it into kinetic energy for this planet motion...
- 7- So the planet is born from his space energy (his orbital distance energy) and moves by transferring this space potential energy into kinetic energy (and this explains the relationship which we have found between the planet diameter and orbital distance)
- 8- Based on that, Mercury is found on the most higher point (level) than any other planet and he's directly under the sun, and because of his very high position, his space potential energy is very high one where Mercury uses this high potential energy by transferring it into kinetic Energy by which Mercury moves (Mercury velocity is the highest one)
- 9- That means, each solar planet is found on different level relating to the other planets and based on his motion velocity.
- 10- i.e. Each solar planet occupies one step in stairs contains of 9 steps.... That means the solar group is in stair form and the sun is on Apex
- 11- Based on that, the solar planets motions trajectory must be in a pyramid form.
- 12- The previous idea makes the solar group motions is near to atom's particles motions which can lead to unify the physics theories.

Discussion

What's the space? It's historical question.... I suggest an answer "Space is Energy" can this answer help us to see much better?

Energy has different forms and can be transferred from one form to another (from heat into magnetism-for example) ...can the space be transferred into any other form?

How to prove? Let's remember the eclipse phenomenon may it helps us a little..

Why the total solar eclipse is occurred? i.e. why we see the sun disc= the moon disc?

Because $(\text{sun diameter} / \text{moon diameter}) = 400 = (\text{Earth orbital distance} / \text{Earth Moon distance})$...why? Why the distances rate = the diameters rate? But that may make the space is a geometrical player in the eclipse phenomena as much as the matter itself.

The planet diameter and orbital distance relationship I have discussed before...

Solar Planet Diameter Creation Rule

<http://vixra.org/abs/1807.0190>

"The Space is Energy" how can we understand or prove this sentence?

In Young Experiment (double slit experiment), the light coherence produced bright fringes and dark fringes... if we consider the bright fringes as light beam should we consider the dark fringes as light beam also? Because the input is one so the output should be equivalent... that's why the Space is Energy.... Because the darkness is produced from light coherence and I suppose all darkness around us is produced from light coherence and equivalent for the bright fringes ... this idea needs to reexamine the light nature theory to see if it's possible to make extension to reach to such conclusion...

But is there any real proof that the space is Energy?

We should discuss many ideas in this paper, but the space definition I have discussed before..

Definition of Space (Revised)

<http://vixra.org/abs/1810.0307>

let's ask our last question in this introduction is the planet velocity defined by gravity force? This question is important because we need to start from the current theory...

I use the solar planets data analysis and the data analysis will show us it's very hard to consider that the solar planet velocity is found based on the gravity forces...

Also please review

Theory Of Matter Creation

<http://vixra.org/abs/1812.0473>

Solar Planets Motions Trajectory is a Pyramid (Part i)

<http://vixra.org/abs/1811.0076>

Research Methodology

I use the same method in all my researches, **The Planet Data Analysis...**

Let's explain the idea here again

In Pythagoras triangle we found that $a^2 + b^2 = c^2$, this rule we can conclude from the triangle data if its dimensions are 3, 4 and 5... so the data may show the geometrical rules...similar to that, I use the solar planets data analysis to conclude the main geometrical rules which explain the solar planets origin and motion...

Let's use this method to explain the moon orbital motion in following:

Preface:

$$\frac{\text{Apogee Orbital Circumference (r = 0.406 mkm) = 2.58 mkm}}{\text{Moon Orbital Circumference (r = 0.384 mkm) = 2.41 mkm}} = 1.0725$$

Also

$$\frac{25.2 \text{ Mars axial tilt}}{23.4 \text{ Earth axial tilt}} = \frac{26.7 \text{ Saturn axial tilt}}{25.2 \text{ Mars axial tilt}} = \frac{28.3 \text{ Neptune axial tilt}}{26.7 \text{ Saturn axial tilt}} = 1.0725$$

Let's explain the previous Equation firstly

28.3 degrees (Neptune axial tilt) is the main value which is contracted by Lorentz length contraction effect (by the 1.0725) to produce 26.7 deg (Saturn axial tilt) which also is contracted again to produce 25.2 deg. (Mars axial tilt) and then contracted again to produce 23.4 deg. (Earth axial tilt) so these 4 values are equal but the difference is found by relativistic effects

The Moon Orbital Motion:

- The moon moves 2.58 mkm daily = Earth motion daily (otherwise they will be separated from each other)
- If there's no relativistic effects in the solar system, the moon should be seen as a bright stationary point in the sky because Earth and Moon move by the same velocity.

But

- Because of the relativistic effects this value (2.58 mkm) will be contracted with the rate 1.0725 to produce the value 2.41 mkm (as in 1st Equation)
- So the moon daily motion = 2.58 mkm but this value is seen = 2.41 mkm (because of Lorentz length contraction phenomenon)
- The difference between both = 0.17 mkm which causes **The Moon Daily Displacement** (0.17 mkm = 2 x **88000 km**)
- Why the difference 0.17 mkm = **2** x moon daily displacement 88000km? may that occur because of the motions opposite directions.

This theory can answer easily why the moon orbital circumference at apogee radius (2.58 mkm) = Earth daily motion... because this circumference expresses the daily motion...

Please review ...

"The Moon Orbital Motion"

<https://www.academia.edu/s/77becf288e/the-moon-orbital-motion>

or

<http://vixra.org/abs/1812.0200>

or

<https://www.slideshare.net/Gergesfrancis/the-moon-orbital-motion>

