
The Observer Effect On The Observation Results (Space = Energy=mc²)

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Abstract

The Universe Matter is effected by Human Mind Thinking Process and the knowledge logic.

1-Introduction

One question only I have discussed in all my papers ...

Let's write example of it in following ...

Saturn Diameter = Venus Diameter x π^2 (error 0.8%)

Is this relationship is found by pure coincidence or by a geometrical reason?

Of course the question isn't related to Saturn and Venus only.... But this relationship is an example of thousands of relationships I have provided in my papers...

Let's write another example:

1. Earth Moon Distance at Perigee point =363000 km = Solar Outer Planets Diameters Total (error 1%)
2. Earth Moon Distance at Apogee point =406000 km = Solar Planets Diameters Total
3. The Distance between Perigee and Apogee = 40000km = Inner Solar Planets Diameters Total = Earth Circumference.
4. Earth daily motion = The moon orbit circumference at apogee radius (r=406000 km)
5. Saturn Circumference = Earth Moon Distance at total solar eclipse radius (r=377000km)
6. **Note Please/** Solar Planets Diameters Total= 2 Jupiter diameters + 1 Saturn diameter

Is there a geometrical reason behind the previous data or found only by pure coincidences?
This was my first question...

Let's ask the second one now.....

Why there are huge number of relationships (pure coincidences) in the solar group data?
To explain this question as possible let's discuss one more relationship in following

Example

Planet diameter and orbital distance relationship...

I concluded that there's a relationship between the planet diameter and his orbital distance because I found many data supports this direction.... For example Mercury orbital distance = Mercury diameter x 109².... And this equation is working also for Earth and Saturn perfectly... I can't suppose that's found by pure coincidences... but I concluded that, there's some relationship between the planet diameter and his orbital distance...

But let's see the following.....

Moon & Sun Angular Diameters

Moon Diameter

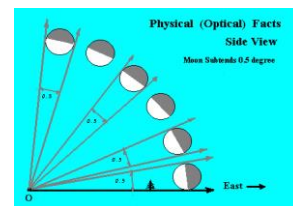
angle between these 2 light beams $\gamma = 0.5$ degree

(The real value is $\gamma = 0.532$ degree, we learnt that from the total solar eclipse)

Now let's think

$\gamma = 0.532$ degree expresses the moon diameter 3475 km

360 degrees expresses what??



$$\frac{360}{0.532} \times 3475 (\text{Moon Diameter}) = 2351503.8 \text{ mkm} (\text{Moon Orbit Circumference}) \quad (\text{Error } 2.5\%)$$

Vision angle defines moon diameter and his orbital circumference! Why?

let's see if this also real with the sun diameter

The Sun Diameter

$\gamma = 0.532$ degree expresses the sun diameter 1.392 million km

360 degrees expresses what??

$$\frac{360}{0.532} \times 1.392 \text{ mkm} (\text{Sun Diameter}) = 940 \text{ mkm} (\text{Earth Orbit Circumference}) \quad (\text{no error})$$

I found it's hard to consider both results as pure coincidences...

The Discussion

The vision angle *defines* the planet diameter and orbital circumference! Why?

It's easy to claim that is just pure coincidences ...

But the huge number of relationships which we have found in the solar planets data prevent us from such naïve answer...

What I try to suggest is....

The human mind is a player in the solar group geometrical structure....

i.e.

The human mind realization process effects on the solar group vision...

i.e.

The solar group geometrical structure realization is an interactive process in which the human mind is player as much as any other geometrical component....

This paper discusses 2 points

- The observer effect on the observation results
- Earth Jupiter distance = Energy (More Data and Discussion)

2- 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...

3- The observer effect on the observation results

3-1 The observer Effects on the Observation Results

3-2 Matter Creation Process

3-3 Is the matter created by Young or Anderson experiments?

3-1 The observer Effects on the Observation Results

In one quantized experiment, the researcher told us that, particle is found just after he measured it! means particle wasn't found before the measurement! why?

Because before the measurement, the particle is in possibility to be particle or wave but after measurement the particle becomes known as particle...

Now let's imagine this particle is electron....

Also let's suppose that, all electrons are produced only with positrons from Gamma rays (1.2 Mev) by Anderson experiment (double production)...

What result we may reach from that?

When the researcher measures the particle and the particle is found after this measurement, where this particle is electron That will necessitate to conclude there's a positron in somewhere as a result of this process...

i.e.

The measurement of one particle leads to produce 2 particles because they are produced together...

Now we can see there's an effect of human mind on the matter creation process...

Where this effect is variable from one particle to another..... for the measured particle (electron) the mind effect was direct effect but for the positron the effect was indirect....

The previous example is good material to consider the human mind effect on the universe around us....

3-2 Matter Creation Process

In my theory of Matter Creation I claimed that

- Two light beams got coherence together and this coherence produced bright fringes and dark fringes
- **We see the bright fringes as matters** and the dark fringes as distances (space)
- This description depends on Young Experiment (Double Slit Experiment)

The previous hypothesis is my theory hypothesis....

But why we see the bright fringes as matters?

- Special theory of relativity tells us, we see the light beam because the light travels with c velocity relative to us.... If we and the light travel by the same velocity so we would see the light beam as matter (because no difference in velocity)
- In our mind there's an electromagnetic waves (travel with c velocity)...
- That means the electromagnetic waves in our mind travel by the same velocity of Light beams which causes our mind to see the light beams as matters...

IN THE ALMIGHTY GOD NAME

Through the Mother of God mediation

I do this research

- That explains the relationship between the matter and knowledge which had been discovered from very long time (ancient Greek).

Please review

My theory of Matter creation in the following paper

Solar Group Geometrical Structure

<http://vixra.org/abs/1805.0081>

and also

(Earth moves with the light velocity relative to the sun" <http://vixra.org/abs/1709.0331>)

Note please

The actual velocity of electric pulses through human nerves is very slow comparing to light velocity, but we know that the light velocity in liquid is less than in vacuum.

So the electromagnetic waves (light) is found in human mind but pass through his liquids with lower velocity, and if there's any space (vacuum) inside the human brain the light will restore his velocity.

(full mechanism needs a medical examination, in addition to a definition for "Vacuum")

3-3 Is the matter created by young or Anderson experiments?

I have suggested that, the matter is produced as bright fringes from Young Experiment and produced also as electron and positron from Gamma rays (1.2 Mev) ...! 2 ways to create the same matter!

So what idea is the correct one?

I tried frequently to explain that, the solar group geometrical rules are beyond our Geometry and Physics books... and there are many new rules we need to learn to understand the solar group clearly as possible...

In my opinion, all these are features of the same geometrical structure....

There's a way to connect young experiment with Anderson experiment to produce the matter from the light beams (Gamma rays for example).... I still search for this way

4- Earth Jupiter distance = Energy (the meaning and proves)

I-Data

1- $6939.75 \text{ seconds} \times c^2 = 627 \text{ million km}$

2- $1898 \times 0.33 = 627$

$102 \times 5.97 = 627$

3- $627 = (25.04)^2$ (25.2 degrees = Mars Axial Tilt)

4- $627 = 23.4 \text{ degree (Earth axial tilt)} \times 26.7 \text{ degrees (Saturn axial tilt)}$

5- $627 \text{ mkm} = 778.6 \text{ mkm (Jupiter orbital Distance)} \times 0.8 \text{ degree (Uranus orbital inclination)}$

6- $627 = 5.1 \text{ degree (moon orbital inclination)} \times 122.5 \text{ degrees (Pluto axial tilt)}$

7- $627 \text{ mkm} = \text{Neptune Diameter} \times \text{Earth Diameter}$

8- $627 \text{ mkm} \times 99\% = \text{Uranus Diameter} \times \text{Venus Diameter} = \text{Earth Circumference} \times \text{Mercury Circumference}$.

II- Discussion

Equations No. 1 and 2 I have discussed in details in my previous paper

Definition of Space (revised)

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

let's start with Equation No. 3

4-1 Earth Jupiter Distance

The previous data shows how Earth Jupiter distance is very specific in the solar group, for that reason this distance is consisted by most specific data in the solar group let's see that in following....

Equation No.3

$627 \text{ mkm (Earth Jupiter distance)} = (25.04)^2$ (25.2 degrees = Mars Axial Tilt)

We know that 1 mkm =1 degree....based on that Equation no.3 is consistent one...

I wish the reader sees how this distance is specific where Mars axial tilt 25.2 degrees is its main component.... I wish you remember that Mars axial tilt 25.2 is the constant in kepler 3rd law application on the solar planets data....

Kepler 3rd Law Explanation (a Claim Against Nobel Prize Board Decision in Physics 2018)

<http://vixra.org/abs/1810.0053>

Equation No.4

$627 \text{ mkm} = 23.4 \text{ degree (Earth axial tilt)} \times 26.7 \text{ degrees (Saturn axial tilt)}$

I hope the distance consistency is clear before our eyes.... By many different important data we can reach to the same distance.... It's hard to consider all data as just pure coincidences

Equation No.5

627 mkm= 778.6 mkm (Jupiter orbital Distance) x 0.8 degree (Uranus orbital inclination)

The previous Equation tells us important information....

Earth defines her distance to Jupiter according to the relationship between Uranus and Jupiter...

I wish we remember that, the relationship between Jupiter and Uranus was the base on which the sun is created as we have discussed before in my previous paper

The Sun Data shows Relativistic Effects (revised)

<http://vixra.org/abs/1806.0209>

Equation No.7

627 mkm = Neptune Diameter x Earth Diameter

Equation no.7 tells us that the similarity of Masses distribution rates between Earth and Neptune didn't produce by pure coincidence but by a geometrical reason which causes more relationships as this one...

I wish it's clear before our eyes that, there's a geometrical structure behind all solar planets data where no single data is created independently....

Equation No.8

627 mkm x 99% = Uranus Diameter x Venus Diameter= Earth Circumference x Mercury Circumference.

We know the rate 99% perfectly which we have discussed frequently...

The previous equation tells that, the relationship between Earth and Neptune has effect extended beyond the 2 planets....

Author Other Papers

Definition of Space (Revised)

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

Does The Moon move by Gravity?

<http://vixra.org/abs/1810.0089>

Kepler 3rd Law Explanation (a Claim Against Nobel Prize Board Decision in Physics 2018)

<http://vixra.org/abs/1810.0053>

Metonic and Saros Cycles Harmony Reason

<http://vixra.org/abs/1809.0559>

The Solar Group Main Equation (Part 2)

<http://vixra.org/abs/1809.0468>

The Solar Group Main Equation

<http://vixra.org/abs/1809.0186>

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