

Precession Cycle Effect Gerges Francis Twadrous

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1-Abstract

Earth orbital distance =149.6 mkm – the light (0.3mkm/sec) needs around 500 seconds to pass this distance... Why?

Paper Hypotheses

Because

- (1) Solar Group is one Trajectory of Energy – through which the Energy transports from point to another
- (2) Pluto sends The Energy To Earth
- (3) Pluto motion depends on a period =500 seconds – using by light beam with velocity =1.16 mkm/sec
- (4) Earth motion depends on a period =500 seconds – using by light beam with velocity =0.3 mkm/sec
- (5) The period 500 seconds is sent with Pluto energy to Earth
- (6) The sending energy causes Pluto and Earth data harmony

The paper tries to prove these facts

| | |
|-------------------------|---|
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Please Review This Research Starting Point –
Is the 2737 Phenomenon a Real One?
<http://vixra.org/abs/1901.0381>

The Assumption Of S. Virgin Mary.
Written in Cairo – Egypt
19th August 2019 (S. George)



IN THE ALMIGHTY GOD NAME
Through the Mother of God mediation

I do this research

2- Methodology

Planetary Fact Sheet – Metric

| | <u>MERCURY</u> | <u>VENUS</u> | <u>EARTH</u> | <u>MOON</u> | <u>MARS</u> | <u>JUPITER</u> | <u>SATURN</u> | <u>URANUS</u> | <u>NEPTUNE</u> | <u>PLUTO</u> |
|---|----------------|--------------|--------------|-------------|-------------|----------------|---------------|---------------|----------------|--------------|
| Mass (10 ²⁴ kg) | 0.330 | 4.87 | 5.97 | 0.073 | 0.642 | 1898 | 568 | 86.8 | 102 | 0.0146 |
| Diameter (km) | 4879 | 12,104 | 12,756 | 3475 | 6792 | 142,984 | 120,536 | 51,118 | 49,528 | 2370 |
| Density (kg/m ³) | 5427 | 5243 | 5514 | 3340 | 3933 | 1326 | 687 | 1271 | 1638 | 2095 |
| Gravity (m/s ²) | 3.7 | 8.9 | 9.8 | 1.6 | 3.7 | 23.1 | 9.0 | 8.7 | 11.0 | 0.7 |
| Escape Velocity (km/s) | 4.3 | 10.4 | 11.2 | 2.4 | 5.0 | 59.5 | 35.5 | 21.3 | 23.5 | 1.3 |
| Rotation Period (hours) | 1407.6 | -5832.5 | 23.9 | 655.7 | 24.6 | 9.9 | 10.7 | -17.2 | 16.1 | -153.3 |
| Length of Day (hours) | 4222.6 | 2802.0 | 24.0 | 708.7 | 24.7 | 9.9 | 10.7 | 17.2 | 16.1 | 153.3 |
| Distance from Sun (10 ⁶ km) | 57.9 | 108.2 | 149.6 | 0.384* | 227.9 | 778.6 | 1433.5 | 2872.5 | 4495.1 | 5906.4 |
| Perihelion (10 ⁶ km) | 46.0 | 107.5 | 147.1 | 0.363* | 206.6 | 740.5 | 1352.6 | 2741.3 | 4444.5 | 4436.8 |
| Aphelion (10 ⁶ km) | 69.8 | 108.9 | 152.1 | 0.406* | 249.2 | 816.6 | 1514.5 | 3003.6 | 4545.7 | 7375.9 |
| Orbital Period (days) | 88.0 | 224.7 | 365.2 | 27.3 | 687.0 | 4331 | 10,747 | 30,589 | 59,800 | 90,560 |
| Orbital Velocity (km/s) | 47.4 | 35.0 | 29.8 | 1.0 | 24.1 | 13.1 | 9.7 | 6.8 | 5.4 | 4.7 |
| Orbital Inclination (degrees) | 7.0 | 3.4 | 0.0 | 5.1 | 1.9 | 1.3 | 2.5 | 0.8 | 1.8 | 17.2 |
| Orbital Eccentricity | 0.205 | 0.007 | 0.017 | 0.055 | 0.094 | 0.049 | 0.057 | 0.046 | 0.011 | 0.244 |
| Obliquity to Orbit (degrees) | 0.034 | 177.4 | 23.4 | 6.7 | 25.2 | 3.1 | 26.7 | 97.8 | 28.3 | 122.5 |
| Mean Temperature (C) | 167 | 464 | 15 | -20 | -65 | -110 | -140 | -195 | -200 | -225 |
| Surface Pressure (bars) | 0 | 92 | 1 | 0 | 0.01 | Unknown* | Unknown* | Unknown* | Unknown* | 0.00001 |
| Number of Moons | 0 | 0 | 1 | 0 | 2 | 79 | 62 | 27 | 14 | 5 |
| Ring System? | No | No | No | No | No | Yes | Yes | Yes | Yes | No |
| Global Magnetic Field? | Yes | No | Yes | No | No | Yes | Yes | Yes | Yes | Unknown |
| | <u>MERCURY</u> | <u>VENUS</u> | <u>EARTH</u> | <u>MOON</u> | <u>MARS</u> | <u>JUPITER</u> | <u>SATURN</u> | <u>URANUS</u> | <u>NEPTUNE</u> | <u>PLUTO</u> |

<https://nssdc.gsfc.nasa.gov/planetary/factsheet/>

The previous table is Nasa Planetary Fact Sheet – Metric – it's the only source I use for Solar Planets Data

- I analyze Solar Planets Data to reach the geometrical rules on which this data is created – for example – If we have a right triangle its dimensions 3,4 and 5, can we use these dimensions to conclude the Pythagoras rule? Yes we can – similar to that I analyze the planets data to reach their geometrical rules

2. I depend on **Data Direction**

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

This equation is hard to explain – but what's the basic idea here? There's a dependency between these 4 planets axial tilts... this conclusion is the Data Direction

3. I suppose there's one Equation only controls all solar planets data – that means – the previous table is controlled by one Equation only...(my Basic Hypothesis)

To explain this hypothesis I provide the following solar system alternative description – which is a part of my methodology...

Solar System alternative Description

1- **The solar group is one trajectory of Energy and each planet is a point on this same trajectory.....**

i.e.

2- **The Solar Group is One Building** and each planet is a part of this same building-

3- Also the solar group is similar to a train and each planet is a carriage of it.

4- Also the solar group can be similar to one body, and each planet is a member in it

5- Also the solar group can be similar to one machine and each planet is a gear in it

means

6- When a planet moves –it doesn't mean this planet moves individually and independently from the other planets- NOT TRUE – The Planet moves with all other planets together as a train moves with all carriages –

Description Basic Concept

Planets Cooperation And Integration Is The Reason Of Their Existence And Motions.

How to understand that?

WE know that the matter is created of Energy ($E=mc^2$) – but **How The Space Is Created?** I suppose the Space is created of Energy also... (Space = Energy)

So the matter and space both are created from the same energy.. Based on that the solar group can be one trajectory of Energy

Can that be possible?

Energy has different forms (sun rays – nuclear interactions – oil- food ..etc)

Different forms for same content, i.e. it's possible to create matter & space of energy

Another Example

In double slit experiment (Young Experiment) – the light coherence produced bright and dark fringes –regardless the experiment explanation – the experiment tells "when one input is used (light)– the outputs can be in 2 different forms (bright and dark fringes)"

The Solar Group Creation

I suppose the solar group is one energy creates the planet matter and orbital distance – so this same energy passes through the whole group to create all solar planets and their orbital distances from the same energy where this energy creates all planets data complementary to each other because all of them are created from the same source.

Shortly

The solar group is one thread – as one necklace – all solar planets and their distances are created from one energy to be complementary to each other- and that's why the planets data analysis shows the solar planets dependency.

3-There Are 2 light different velocities working in the solar group

3-1 Light velocity effect on Precession Cycle

3-2 Is there a light beam with velocity 1.16 mkm/sec?

3-1 Light velocity effect on Precession Cycle

I-Data

Group No.1

- A- During 25920 years Earth Axis rotates a complete rotation (360 degrees)
- B- During a solar day (86400 seconds) –light with known velocity 0.3mkm/sec travels a distance = 25920 mkm
- C- Light with supposed velocity (1.16 mkm/ sec) passes the distance 25920 mkm during 2π (hours)
- D- Planets Velocities daily total =17.75 mkm – So during 1461 days all planets move an accumulated distances= 25920 mkm

Group No.2

- E- 25920 mkm = 41.4 mkm (Venus Earth dis) x 626 mkm (Earth Jupiter Dis)
- F- 25920 mkm = 5092 mkm (Pluto Jupiter Dis) x 5.1
- G- 25920 mkm = 1106 mkm x 23.45
- H- 25920 mkm = 113.45 x 227.9 mkm (Mars Orbital Distance)

Where

5.1 degrees = moon orbital distance

23.45 degrees = Earth axial tilt

And we know the 1 degree = 1 mkm because Mercury orbital distance =360 mkm =360 degrees

Note Please

How the time Value can work as distance value - this idea we have discussed before in the previous paper

The Unit Definition Is Relative

<http://vixra.org/abs/1906.0379>

let's start to discuss this data in following:

II-Discussion

What we may learn from the previous data?

The same distance 25920 is passed at least by 3 players

- By A light beam with known velocity 0.3mkm /sec during a complete solar day (86400 seconds) i.e. this light passes 25920 mkm during a solar day

- By A light beam with supposed velocity 1.16 mkm /sec during a period = 2π (hours) - i.e. this light(1.16 mkm/sec) passes 25920 mkm during 2π (hours)

And

- By All Planets Velocities Total 17.75 mkm/day x1461 days =25920 mkm i.e. all planets motions distances accumulation during 1461 days =25920 mkm

Why These Distances Are Equal?

Let's summarize the idea in hypotheses form in following:

- (1) The main light beam in the solar group is 1.16 mkm/sec
- (2) The light creates the distance by light motion (Space = Energy)
- (3) The planet is created based on the distance energy – that's why the planet motion follows the light motion but with different rate of time.
- (4) The light 0.3 mkm/sec is created from the original one 1.16 mkm/sec- that's why the produced light beam (0.3mkm/sec) follows the original one (1.16 mkm/sec) – may also with another different rate of time

That tells us...

- (5) Any motion in the solar group should be considered one motion of three related motion together – that may explain why each planet has 3 cycles (which are "rotation period – Length Of Day Period – Orbital Period")

Note Please

The previous summary provides a general description which we need to discuss and prove by many ways....Just we need to refer some important points in following:

(I)

The distance 25920 mkm is not a common distance but it's the basic distance in the solar group and may have the basic energy – so the Earth Axis Cycle expresses the solar group main energy

(2)

The rate 2π is the solar group basic rate as we'll discuss later in this paper

To start our discussion we should ask.... "Is there a light velocity =1.16mkm/sec?"

3-2 Is there a light beam with velocity 1.16 mkm/sec?

Main Idea

- Matter Creation almost is effected by light known velocity 0.3mkm/sec – that's why $E=mc^2$ – that means the matter is connected with this light with known velocity
- Because we have body (matter) so we can realize and discover the light known velocity (specifically because our bodies is consisted by electromagnetic pulses (waves) that enable us to discover this type of light"
- The original light beam with supposed velocity 1.16 mkm/sec is related and connected by distances because this light beam creates the distance of its energy (where Space = Energy) –

i.e.

- 5 Senses can't discover any light velocity except the known one 0.3 mkm/sec that's why the light known velocity 0.3mkm/sec is the highest one in our universe (5 senses universe)

i.e.

- Light with supposed velocity 1.16 mkm/sec can't be discovered by any observational method- we have to use Data Analysis to reach it

How Data analysis can prove this light beam existence?

- We depend on the Data direction...

For Example

The distance 25920 mkm is passed by 3 components – light supposed velocity 1.16 mkm/sec – light know velocity 0.3mkm/sec – planets velocities total

Why we accept this idea? How tells us the light passes this distance? The data Light know velocity 0.3mkm/sec passes this distance 25920 mkm during a complete solar day (86400 seconds) – the important value is (86400 seconds) because this value is found by astronomical motions and not by my creation.... Means this relationship is found basically even if the geometrical mechanism is not clear enough But the relationship is trustee because the data are found before by astronomical motions

This same situation is done in both other equations – Planets velocities use 1461 days and this value is Earth Cycle (365+365+365+366= 1461 days)

And the light with supposed velocity uses the value 2π (hours) which we have discussed its importance before and will discuss more details about in this paper

Based on this description we may provide the following data to prove that the light beam with supposed velocity 1.16 mkm/sec is a real one and effective in the solar group geometry..

I-Data

1.16 mkm /sec = light supposed velocity

Equation No. 1

$$100224 \text{ million km} = \mathbf{100224 \text{ mkm} = 1.16 \text{ mkm} \times 86400 \text{ seconds}}$$
$$= (\text{Pluto Orbital Circumference} - \text{Jupiter Orbital Circumference}) \times \pi \quad \text{(I)}$$

(Error less 1%)

Equation No. 2

$$\mathbf{2088 \text{ mkm} \times 2 = 1.16 \text{ mkm/sec} \times 3600 \text{ seconds}}$$

2088 mkm = Jupiter Uranus Distance
3600 seconds = 90000 seconds – 86400 seconds

Equation No. 3

$$\mathbf{5846.4 \text{ mkm} = 1.16 \text{ mkm/sec} \times 5040 \text{ seconds}}$$

5040 seconds : Mercury day needs 5040 seconds to be 176 solar days
5846.4 mkm = Mercury Pluto Distance

Equation No. 4

$$\mathbf{1461 \text{ mkm} = 1.16 \text{ mkm} \times 1259.3 \text{ seconds}}$$

1461 days = Earth Cycle (365+365+365+366= 1461 days)

Equation No. 5

$$\mathbf{113.45 \text{ mkm} = 1.16 \text{ mkm/sec} \times 97.8 \text{ seconds}}$$

6939.75 seconds = 71 x 97.8 seconds
Light (0.3mkm/sec) needs 6939.75 seconds to pass Jupiter Uranus Distance

Equation No. 6

$$\mathbf{778.6 \text{ mkm} = 1.16 \text{ mkm/sec} \times 670 \text{ seconds}}$$

778.6 mkm = Jupiter Orbital Distance
670 mkm = Jupiter Venus Distance

Equation No. 7

$$\mathbf{670 \text{ mkm} = 1.16 \text{ mkm/sec} \times 580 \text{ seconds}}$$

670 mkm = Jupiter Venus Distance
580 mkm = 500 seconds x 1.16 mkm/sec
(the value 580 mkm will be discussed later in this paper)

Equation No. 8

$$\mathbf{25920 \text{ mkm} = 1.16 \text{ mkm/sec} \times 2\pi \text{ (hours)}}$$

Will be discussed later

I-Discussion

We have discussed many of this data before – we can remember the discussion of Equation No. 1 as example - for detailed discussion please review

There's A Light Beam Travels With 1.16 mkm/sec <http://vixra.org/abs/1904.0236>

Equation No. 1

$$100224 \text{ million km} = \frac{100224 \text{ mkm} = 1.16 \text{ mkm} \times 86400 \text{ seconds}}{(\text{Pluto Orbital Circumference} - \text{Jupiter Orbital Circumference}) \times \pi} \quad (\text{I})$$

(Error less 1%)
(Equation No. A)

$$(\text{Pluto Orbital Circumference} - \text{Jupiter Orbital Circumference}) \times \pi = \underline{100224 \text{ mkm}}$$

$$2 \times 100224 \text{ mkm} =$$

$$28255 \text{ mkm (Neptune Orbital Circumference)} + 2 \times 86400 \text{ mkm} \dots\dots\dots \text{But}$$

$$100224 \text{ million km} = \frac{(\text{Pluto Orbital Circumference} - \text{Jupiter Orbital Circumference}) \times \pi}{(\text{Error less 1\%})} \quad (\text{I})$$

$$\frac{(\text{Neptune orbital Circumference} - \text{Earth orbital Circumference}) \times \pi}{(\text{Venus Orbital Circumference follow simply equation II where the error less 1\%})} = \underline{86400 \text{ mkm}} \quad (\text{II})$$

Discussion

We have discussed this data before – the basic concept in our discussion is - **Space Is Energy** – means Distance = Energy – i.e. **Distance Between Pluto & Jupiter Is Energy...**

This concept is so useful because the distances equality is our guide to know if the energy is transported from any point to another...(Why the Equations use π ? I still search behind this question)

Why The Previous Data Provide A Proof?

Because (1) The Planets Real Distances Are Sufficient For The Description

(2) The Energy motion uses the same equation form (Equations I and II)

The Whole Story

- The energy is sent from Jupiter toward Pluto (**NOTE** The Energy Direction)
- The sent energy was in light beams form – but this light beam velocity = 1.16 mkm/sec – and Jupiter sends this energy toward Pluto during 2 complete solar days (2 x 86400 seconds) – so this light beam will pass during 2 solar days a distance = $1.16 \text{ mkm} \times 86400 \text{ sec} \times 2 = 100224 \text{ mkm} \times 2$
- The value $\underline{100224 \text{ mkm} \times 2}$ is the solar group main energy (Distance = Energy)

Then

- Neptune used 16% from this energy to create its orbital circumference

Then

- Neptune reflected the rest of energy into 2 equal different trajectories of energy – each trajectory contains energy equal 86400 mkm
 - o **1st Trajectory is sent to Mercury alone (86400 mkm)**
 - o **2nd Trajectory is sent to Earth & Venus (86400 mkm)**

Now – based on the previous story – what conclusion we may reach?

If (1) Distance = Energy (2) Jupiter sent the main energy

(3) Neptune reflected this main energy

So – Jupiter & Neptune Orbital distances (or circumferences) control the inner planets orbital and internal distances... can that be true?! Let's try to answer..

Jupiter and Neptune orbital distances control the inner planets distances

I-Data Group (I)

Neptune Orbital Distance 4495.1mkm =

= Earth Venus distance 41.4 x Venus orbital distance 108.2

= Mercury Orbital Distance 57.9 x Earth Mars distance 78.3

= Mercury Venues distance 50.3 x Mercury Earth distance 91.7 (error 2.5%)

Why the inner planets orbital and internal distances multiplications produce Neptune Orbital Distance – Because the distance is Energy – and Neptune is the inner planets direct source of Energy because he reflected the Energy toward them.

I wish we have more confidence in our argument...

Group (II) Jupiter Orbital Circumference

(Part 1)

360 mkm (Mercury Orbital Circumference) + 680 mkm (Venus Orbital Circumference) + 940 mkm (Earth Orbital Circumference) + 1433.5 mkm (Mars Orbital Circumference) + 1433.5 mkm (Mars Orbital Circumference) = 4900 mkm (Jupiter Orbital Circumference) (error 1%) (**Note** – We Use Mars Orbital Circumference 2 Times)

(Part 2)

Jupiter Orbital Distance

- Mercury Orbital Distance x 2 = Mercury Jupiter Distance
- Venus Orbital Distance = Venus Jupiter Distance (Error 1.5%)
- Earth Orbital Distance = Earth Jupiter Distance (Error 1.3%)

(Note)

- 1- (Earth and Jupiter are at 2 sides from the sun i.e. 940mkm=778.6mkm+149.6mkm)
- 2- (Data Part 2 tells that the inner 3 planets define their orbital circumferences relative to their distances to Jupiter – which supports our claim)
- 3- Mercury moves during his day period (= 2 orbital period) a distance =Mercury Jupiter Distance

(Part 3)

1. $\frac{778.6\text{mkm Jupiter Orbital Distance}}{720.3\text{ mkm Jupiter Mercury distance}} = 1.0725$ (0.7%)

2. $\frac{720.3\text{ mkm Jupiter Mercury distance}}{670\text{ mkm Jupiter Venus Distance}} = 1.0725$ (No Error)

3. $\frac{670\text{ mkm Jupiter Venus Distance}}{629\text{ mkm Jupiter Earth Distance}} = 1.0725$ (0.6%)

Conclusion

Inner planets orbital and internal distances are created relative to Jupiter and Neptune orbital circumferences... which supports our argument.. Please review

Why Jupiter Diameter =142984 km? (1) <http://vixra.org/abs/1907.0137>

4-Light Needs 500 Seconds To Pass Earth Orbital Distance... Why?

- 4-1 Pluto sends energy to Earth
- 4-2 Energy Transportation process details
- 4-3 Why Earth orbital Distance needs 500 seconds of light motion?
- 4-4 Pluto motion depends on light motion

4-1 Pluto sends energy to Earth

From Equation no. 1 we have concluded that the Energy is sent from Jupiter to Pluto and reflected from Neptune to the inner planets
Energy Data is reflected from Neptune shows Pluto effect.... Specifically data shows the original light velocity 1.16 mkm/ sec as we have seen in Equation no. 5

$$113.45 \text{ mkm} = 1.16 \text{ mkm/sec} \times 97.8 \text{ seconds}$$

Where 113.45 mkm=113.45 degrees

113.45 degrees = 90 degrees + 23.45 degrees (Earth Axial Tilt)

So

113.45 deg = Earth Axial Tilt vertically – it's just example – Where Earth & Pluto Data harmony we have discussed before – let's refer to more examples in following:

I- Data

- Earth Velocity 2.58 mkm/ day = Pluto Velocity 0.406 mkm/ day $\times 2\pi$
- Pluto Orbital Distance 5906 mkm = Earth orbital circumference 940 mkm $\times 2\pi$
- Pluto Day 153 hours = Earth Day 24 hours $\times 2\pi$

i.e.

$$\frac{153 \text{ h PLuto Day}}{24 \text{ h Earth Day}} = \frac{29.8 \text{ km (Earth Velocity)}}{4.7 \text{ km (Pluto Velocity)}} = \frac{\text{Pluto Orbital Distance } 5906 \text{ mkm}}{\text{Earth Orbital Circumference } 940 \text{ mkm}} = 2\pi$$

More Data

(1)

$$\frac{366000 \text{ km Outer Planets Diameters Total}}{2390 \text{ km PLuto Diameter}} = 153$$

Note Please : 153 hours = Pluto Day

(2)

$$\frac{153 \text{ h PLuto Day}}{24 \text{ h Earth Day}} = \frac{29.8 \text{ km (Earth Velocity)}}{4.7 \text{ km (Pluto Velocity)}} = 2\pi$$

(3)

$$153 \times 7511.4 \text{ km (Pluto Circumference)} = 0.99 \times 1.16 \text{ mkm}$$

(4) Pluto orbital period 90560 d. = $2\pi^3 \times 1461 \text{ d.}$ (Earth cycle 365+365+365+366)

(5) 17.4 deg (inner planets orb. inclinations To.) $\times 0.99 = 17.2 \text{ deg}$ (Pluto orb. Inclin.)

ALSO 23.6 deg (outer planets axial tilts Total) $\times 0.99 = 23.4 \text{ deg}$ (Earth axial tilt)

(6) 122.5 deg. (Pluto axial tilt) = 23.45 deg. (Earth axial tilt) $\times 5.22 \text{ deg}$ (where 5.1 deg = Earth Moon orbital inclination – error 2.5%)

For detailed discussion please review

Matter Creation Principle (Part V) <http://vixra.org/abs/1908.0367>

4-2 Energy Transportation Process Details (from Pluto to Earth)

I- Data

Group No. 1

- Mercury Neptune Distance = **Saturn** Pluto Distance
- Mercury **Saturn** Distance = Neptune Pluto Distance
- **Saturn** Orbital Distance = **Saturn** Uranus Dis. = Mercury Orb. Circum.

More Data

- Mercury Jupiter Distance = Mars Orbital Distance x π
- Earth Neptune Distance = Mercury **Saturn** Distance x π
- Jupiter Uranus Distance = Venus Jupiter Distance x π
- Jupiter Pluto Distance = Uranus Neptune Distance x π
- Uranus Pluto Distance = Earth Orb. Circumference x π
- Neptune Orb. Distance = **Saturn** Orb. Distance x π
- Pluto Orbital Distance = Earth Orb. Circumference x π

Why These Distances Are Equal?

Group No. 2

1. $\frac{\text{Earth Daily Motion } 2.58 \text{ mkm}}{\text{Moon Orbital Circumference } 2.41 \text{ mkm}} = 1.0725$ (No Error)
2. $\frac{\text{Apogee orbital radius } (406000 \text{ km})}{\text{Total Solar Eclipse radius } (378500 \text{ km})} = 1.0725$ (No Error)
3. $\frac{778.6 \text{ mkm Jupiter Orbital Distance}}{720.3 \text{ mkm Jupiter Mercury distance}} = 1.0725$ (0.7%)
4. $\frac{720.3 \text{ mkm Jupiter Mercury distance}}{670 \text{ mkm Jupiter Venus Distance}} = 1.0725$ (No Error)
5. $\frac{670 \text{ mkm Jupiter Venus Distance}}{629 \text{ mkm Jupiter Earth Distance}} = 1.0725$ (0.6%)
6. $\frac{\text{Saturn Orbital Distance } (1433.5 \text{ mkm})}{\text{Saturn Venus Distance } (1325.3 \text{ mkm})} = 1.0725$ (Error 0.8%)
7. $\frac{\text{Saturn Earth Distance } (1284 \text{ mkm})}{\text{Saturn Mars Distance } (1205.6 \text{ mkm})} = 1.0725$ (Error 0.7%)
8. $\frac{\text{Uranus Orbital Distance } (2872.5 \text{ mkm})}{\text{Uranus Mars Distance } (2644 \text{ mkm})} = 1.0725$ (Error 0.7%)
9. $\frac{\text{Jupiter Orbital Circumference } (4894 \text{ mkm})}{\text{Neptune Orbital Distance } (4495.1 \text{ mkm})} = 1.0725$ (Error 1.5 %)

Why These Distances Are Not Equal?

II – Discussion

Let's summarize the idea in following..

Why The Distances Are Equal?

The distances are equal because they are created from the same light beam and this light beam is reflected creating 2 equal distances - as group no. 1 show easily

Why Other Distances are not Equal?

Because they are reflected in another frame relative to the original one creating relativistic effects (length contraction effect)

This contraction effect creates the rate between the distances as group No. 2 show clearly

For relativistic effects detailed discussion please review

A Summary Of My Research -Part 3- (Relativistic Effects Discussion)

<http://vixra.org/abs/1907.0523>

If there are relativistic effects in the solar group – so a new feature we may conclude which should be considered as one of relativistic effects

That time and distance values be equivalent..

Means the distance value (as 1433.5 mkm) can work as a time value (1433.5 days) as we have discussed before

Please review

Time And Distance Equivalence (Proves)

<http://vixra.org/abs/1904.0125>

now let's ask the question

If

The distances can be equal because they are light beam reflected from each other

And If

The time value can work as distance value

Can we conclude that

The time value can be reflected (as distances) and create 2 equal times for 2 different planets?!

Can that be possible

Let's discuss that in our next point..

Why Earth orbital Distance needs 500 seconds of light motion?

4-3 Why Earth orbital Distance needs 500 seconds of light motion?

Let's ask ..

Why Pluto & Earth Data are in harmony as we have seen clearly?

Because

Pluto motion depends on light velocity 1.16mkm/sec continuous for 500 seconds

Where

Pluto motion depends on light velocity 0.3 mkm/sec continuous for 500 seconds

That's Why the light needs 500 seconds to pass Earth orbital distance !

But

How that's happened....

The period 500 seconds is Pluto period and reflected to Earth to be Earth period

The equality between 2 time periods – is similar to the distances equality –

So both planets uses the same for different light beams

Let's see how to explain that in following

I- Data

500 seconds x 1.16 mkm/sec = 580 mkm

The Energy is sent from Pluto to Jupiter (as we have discussed before)

580 mkm + 149.6 mkm (Earth Orbital Distance) = 729.6 mkm (Mercury Jupiter Distance) (1%)

We know the value 580 mkm (Pluto contribution with inner planets energies)

580 mkm x 1.0725 = 627 mkm (Earth Jupiter Distance)

More Data

500 seconds = 5.1 x 97.8 seconds

113.45 mkm = 97.8 seconds x 1.16 mkm/sec

II-Discussion

The energy is sent from Pluto to Jupiter (depending on 500 seconds period)

This same energy is sent from Jupiter (Pluto) to Earth

So the sent energy contains the value 500 seconds

And based on this energy Earth orbital distance is defined relative to light known velocity (0.3mkm/sec)

Why?

Because Pluto motion is relative to the light 1.16mkm/sec

But

Earth motion is relative to the light 0.3 mkm/sec

Note Please

778.6 mkm (Jupiter orbital distance) – 580 mkm = 198.6 mkm

This point 198.6 mkm is found between Earth and Mars – that may tells us why lunar umbra length = the sun diameter

4-4 Pluto motion depends on light motion

Light velocity 1.16mkm /sec (light motion =1.16 mkm for 1 second)

Pluto motion =0.406 mkm for 1 solar day

$$A = (1.16 \text{ mkm}/0.406 \text{ mkm})$$

The Rate (A) controls all solar planets basics data

Proves

I-Data

| Table No.1 | The Rate = A = 2.857= (1.16/0.406) | | |
|--|---|------------|-------|
| The Rate between 2 Values | | = A | Error |
| ((1.16 mkm/sec) – (0.3mkm/sec))/ (0.3mkm/sec)= | | = A | |
| Solar Planets Masses Total / 0.5 Jupiter Mass= | | = A | 1% |
| Planets Diameters Total 366550 km/ Jupiter Diameter 142984 km= | | = A | |
| Jupiter Diameter 142984 km / Neptune Diameter 49528 km = | | = A | |
| Mars Diameter 6792 km / Pluto Diameter 2390 km= | | = A | |
| 25920mkm /9010 mkm (Saturn orbital circumference)= | | = A | |
| 655 mkm (Jupiter Saturn distance) /227.9mkm (Mars orbital distance) = | | = A | |
| 5906 mkm (Pluto Orbital distance) /2088 mkm (Jupiter Uranus Distance)= | | = A | 1% |
| Saturn diameter 120536 km/43000 km (moon motion freedom) | | = A | |
| Outer Planets Axial Tilts Total 278.4 deg / Uranus axial tilt 97.8 deg | | = A | |
| 41 deg (planets orbi. inclinations total) x 2/ Neptune axial tilt 28.3 deg | | = A | 1.4% |
| 511.1 deg (planets axial tilts total) / 180 deg | | =A | 0.6% |
| Neptune axial tilt vertically 118.3 degrees /41deg (planets orbi. inclinations total)= | | = A | 1% |
| Neptune Axial Tilt 28.3 degrees / π^2 | | = A | |
| Earth Moon Orbi. Inclination 5.1 deg/1.8 deg Neptune orbi. Inclination | | = A | 0.7% |
| (7 deg= Mercury orbi. Inclination) ² / (17.2deg Pluto orbi. Inclination) | | = A | |
| 177.4 deg (Venus Axial Tilt) / $2\pi^3$ = | | = A | |

This table we have discussed before please review

Matter Creation Principle (Part V)

<http://vixra.org/abs/1908.0367>

Please Note

As we have discussed before – the planets diameters are created based on Pluto motion for 1 solar day =406000 km = planets diameters total

Based on this value also the moon orbit is designed – because the sent energy creates the distances

That means

Earth move daily 2.58 mkm because the distance between Earth and Moon (at apogee radius) =406000 km

That can be clear from the following equation

$$2 \times 5.1 \text{ mkm} = 0.406 \text{ mkm} \times 25.2$$

Where

5.1 mkm = Earth + Moon motions daily

25.2 degrees = Mars axial tilt = Kepler 3rd law table constant

That means the value 25.2 is a general one and Earth has to define her motion based on the 2 values (25.2 and 0.406 mkm)

Please review

Matter Creation Principle (Part IV)

<http://vixra.org/abs/1908.0289>

Matter Creation Principle (Part III)

<http://vixra.org/abs/1908.0257>

Matter Creation Principle (Part II)

<http://vixra.org/abs/1908.0206>

Matter Creation Principle

<http://vixra.org/abs/1908.0196>

Solar System Energy Trajectory

<http://vixra.org/abs/1908.0164>

Solar System Motion Principle

<http://vixra.org/abs/1908.0126>

Solar System Geometry (Summarized Discussion Part 4)

<http://vixra.org/abs/1908.0105>

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