

Why does Earth Moon Orbit regress?

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Abstract

Earth Moon regresses yearly 19 degrees which means 1.44 degrees per month (Lunar nodes are moving west by about 19° per year)

Orbit of the Moon (https://en.wikipedia.org/wiki/Orbit_of_the_Moon)

Paper Hypotheses

1. Moon Orbit Regression proves that "Energy is Transported from Point to another through the solar system"
2. Moon Orbit Regression Energy is transported from Pluto to Uranus to Mercury to Earth Moon Orbit
3. Moon Orbit Regression is A Solar Group General Motion.
i.e.
 - Solar Group is one building and each planet is a part of it. or Solar Group is one machine and each planet is a gear of it.
 - Based on that – Solar Planet Motion is not individual or independent motion – on the contrary – all solar planets move together as a train moves with all its carriages (although solar planets move by different velocities from each other – but they together consist one general motion)

The paper tries to prove these facts

References

Energy Transportation Through The Solar Group <http://vixra.org/abs/1908.0510>
Uranus Day Period <http://vixra.org/abs/1908.0637>
Is the 2737 Phenomenon a real one? (II) <http://vixra.org/abs/1908.0583>

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The Assumption Of S. Virgin Mary.

Written in Cairo – Egypt

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1-Introduction

Earth Moon regression yearly 19 degrees causes Metonic Cycle (which is a cycle done by the moon continuing for 19 sidereal years =6939.75 days)
(Metonic Cycle https://en.wikipedia.org/wiki/Metonic_cycle)

Why does the moon orbit regress? Does it happen with any other planet orbit in the solar system? I try to answer this historical question – even with a heavy claim let's summarize it in following:

- Energy is transported from point to another through the solar group- the transported Energy creates solar planet matter and orbital distance which make the solar group as one necklace each planet data is connected and depend of the other planets data..
- That make the solar group as one machine of gears
- Any planet motion – based on this description – can't be defined as individual or independent motion – on the contrary – any planet motion is done with all solar planets motions together as one train moves with its carriages (planets different velocities can't disprove this idea)

Based on that

- Earth Moon Regression & Metonic Cycle provides us a real treasure to prove this idea – where we have in our hands one motion is done by many planets together
- As a result- total solar eclipse phenomena no longer be considered as pure coincidences of motions harmony – on the contrary – the motions harmony depends on data harmony and consistency proving that eclipse phenomena is a planned phenomena found in the Planets Creation Data- based on that we can explain how the following harmony is found

Data

Metonic Cycle Period 6939.75 days = 19 x 365.25 days (Sidereal Days)
= 235 x 29.53 days (Lunar Synodic Month)
= 20 x 346.6 days (Nodal Year)

Saros Cycle Period 6585.321 days = 241 x 27.32 days (Lunar Sidereal Month)
= 19 x 346.6 days (Nodal Year)
= 223 x 29.53 days (Lunar Synodic Month)

Discussion

The previous data shows clearly the harmony in Earth, Moon and Moon Orbit motions – so why these motions in harmony? Because these motions are found depending each other – this is not 3 different motions – NOT TRUE – this is one motion and we see 3 different player in the same one motion –

Now we analyze this motion to see – how this one motion is seen in 3 different players? And we follow this one motion origin. This origin is found in the energy causes this motion where this energy is transported from point to another point.

Based on this conclusion- we have a real treasure- because I claim the energy is transported from point to another through the solar system – and this energy is my application for my claim – also I claim planets motions is one motion as a train motion – now this energy causes one motion is seen in different planets which supports clearly and strongly my claim...

So I provide in this paper the proof which supports strongly my claims I have explained in many previous papers- that shows this paper significance

Let's try to prove at one....

What's the claim? Moon Orbit regression is caused by energy transported from point to another – that means we may find "Moon orbit regression Data" among these planets data because the energy is passed already by these planets... is it logical

Data

- Moon Orbit Regresses 1.44 Degrees Per Month
- 1.44 degrees x 12 months (327.6 days Lunar Sidereal Year) = 17.28 degrees (Pluto orbital inclination =17.2 degrees)
- 1.44 degrees = 1.8 deg. (Neptune Orbital Inclination) x 0.8 deg. (Uranus Orbital Inclination)
- 175.94 degrees x 1.44 degrees = 254 degrees²

Discussion

The previous data provides real references which may support our claim some how but it's hard to explain how the transported energy created this data...let's see more

More Data

- A- 6939.75 days = 27.32 days x 254 months
- B- 254 seconds x 1.16 mkm /sec = 295 mkm = (17.2 mkm)²
- C- 254 seconds x 0.3 mkm /sec = 76.2 mkm but $76.2 \pi \times 0.99 = 237$ mkm
- D- 254 days x 0.4665 mkm /day (Neptune Velocity Daily) =118.5 mkm
- E- 254 days x 2.58 mkm /day (Earth Velocity Daily) =655.3 mkm
- F- 254 days x 0.5875 mkm /day (Uranus Velocity Daily) =149.6 mkm
(Note Uranus Orbital Circumference 180557 mkm = 71 x 254.3 mkm)
- G- 720.7 mkm (Mercury Jupiter Distance) = 254 x 2.857

More Discussion

The previous Data tells us that the value 254 works as second, day and month period – in addition to many other uses (Especially $720.7 = 254 \times (1.16/0.406)$)

The previous value (1.16/0.406) we have discussed deeply in Pluto Concept motion – this concept which tells us that –

1 second of light motion causes a planet to move a long 1 solar day – this concept we have discussed before and we see its application clearly on the using of number 254 in previous data – that tells us – Energy Transportation is a real fact and the unified one motion is real also where we have a good example to prove this claim – so we need to discuss this data a deep as possible – which we should do in this paper – to prove the paper hypotheses let's start immediately...

IN THE ALMIGHTY GOD NAME
Through the Mother of God mediation
I do this research

2- Methodology (Methodology In Repeated In All My Papers)

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- Energy Is Transported Through The Solar System

3-1 Pluto Motion Concept

3-2 New Data

3-3 Discussion And Analysis

3-1 Pluto Motion Concept

(1)

Solar System Main Features

- Solar system and planets are created based on energy of light motion for 1 second
- Energy of Light motion for 1 second causes planet to move for 1 solar day
- Energy of Planet motion for 1 solar day creates the solar planets and their distances

i.e.

- We have a group of gears work here.... Light motion for 1 second whose energy creates planet motion for 1 solar day

How that can be possible...?

- Through the motions gears- for example planet motion uses energy of light motion for 1 second to produce planet motion for 1 minute – then another planet uses the energy of 1 minute to creates a planet motion for 1 hour- and third planet uses the energy of one hour motion to create a planet motion for one solar day....! Now this group of gears are working continuously ... we see only planets move in their cycles but these planets cycles create the solar day time parts

Far from this theory details ... how to prove it?

(1)

- Pluto Motion for 1 solar day = 406000 km = solar planets diameters total

(2)

- Light supposed velocity for 1 second = 1.16 mkm and light known velocity for 1 second 0.3mkm. **Their Total** = 1.46 mkm Per Second

But

- The value 1.46 mkm = $\pi \times 0.4665$ mkm (Neptune Daily Velocity)

i.e.

- Light beam motion for 1 second (2 light velocities together) create Neptune Motion for 1 solar day

Conclusion

The solar system is created based on energy of 1 second motion of light beam – From Energy Transportation Process we may conclude the following:

(1)

Energy is transported through the solar system, creating Planet Matter And Orbital Distance

(2)

This energy is energy of light motion for 1 second

(3)

Planet motion for 1 day depends on light motion for 1 second

(2)

We have 2 basic concepts

(1) Solar Planets Data Is Controlled By One Equation – which is $F(z) = 2x + 1 y$

(2) Light (1.16mkm/sec) motion for 1 second causes planet to move for 1 solar day

How these 2 concepts can be unified into one concept only

1.16 mkm = light motion for 1 second

0.406 mkm = Pluto Motion for 1 solar Day

$$F(z) = 2 x + 1 y$$

Solar Planets Data Equation

$$1.16 \text{ mkm} = 0.406 \text{ mkm} + 2 x (0.377 \text{ mkm})$$

Where

0.377 mkm = Earth Moon distance at total solar eclipse

Also

$$0.377 \text{ mkm} = \text{Saturn Circumference}$$

Where

$$\frac{\text{Jupiter diameter } 142984 \text{ km}}{\text{Saturn diameter } 120536 \text{ km}} = \frac{2\pi}{2\pi - 1}$$

(C)

2 Jupiter Circumferences - 2 Saturn Circumferences = 1 Jupiter Diameter (error 1.3%)

(D)

$(\text{Jupiter Diameter})^2 + (\text{Saturn Diameter})^2 = (0.5 \text{ Saturn Circumference})^2$ (1.2%)

(F)

Saturn Diameter – Jupiter Radius = Neptune Diameter x 0.99 (No Error)

Discussion

The previous data tells that –

(1)

Light and Pluto relationship in fact creates the equation $F(z) = 2x + 1 y$

(2)

The equation $F(z) = 2x + 1 y$ controls solar planets data

(3)

Solar planets basic data is created based on the rate $(1.16\text{mkm} / 0.406\text{mkm}) = A$

Which can be supported easily by the next table -

Table No.1	The Rate = A = 2.857= (1.16/0.406)	
The Rate between 2 Values	= A	Error
$((1.16 \text{ mkm/sec}) - (0.3\text{mkm/sec}))/ (0.3\text{mkm/sec})=$	= 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	
25920 mkm /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%
$(7 \text{ deg= Mercury orbi. Inclination})^2/ (17.2\text{deg Pluto orbi. Inclination})$	= A	
177.4 deg (Venus Axial Tilt) / $2\pi^3=$	= A	

This table was discussed in my previous paper

Matter Creation Principle (Part V)

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

Is the 2737 Phenomenon a real one? (II)

<http://vixra.org/abs/1908.0583>

3-2 New Data

Group No. 1

- A- 6939.75 days = 27.32 days x 254 months
- B- 254 seconds x 1.16 mkm /sec = 295 mkm = (17.2 mkm)²
- C- 254 seconds x 0.3 mkm /sec = 76.2 mkm but $76.2 \pi \times 0.99 = 237 \text{ mkm}$
- D- 254 days x 0.4665 mkm /day (Neptune Velocity Daily) = 118.5 mkm
- E- 254 days x 2.58 mkm /day (Earth Velocity Daily) = 655.3 mkm
- F- 254 days x 0.5875 mkm /day (Uranus Velocity Daily) = 149.6 mkm
(Note Uranus Orbital Circumference 180557 mkm = 71 x 254.3 mkm)
- G- 254 days x 3.02 mkm /day (Venus Velocity Daily) = 778.6 mkm (1.5%)

Group No. 2

- H- 720.7 mkm (Mercury Jupiter Distance) = 254 x 2.857 (=A)
- I- Uranus Orbital Circumference 180557 mkm = 71 x 254.3 mkm = (71)² x 3.6 = 5040 x 3.6
- J- 5040 seconds = 20 x 252 seconds but 254.5 seconds x 0.99 = 252 seconds

Group No. 3

- K- 27.32 days x 10921 km (moon circumference) = 0.3mkm
- L- 27.32 days x 43000 km x 0.99 = 1.16 mkm
- M- 6939.75 days = 27.32 days x 254 months
- N- 10921 km (moon circumference) x 86400 seconds = 940 mkm (Earth orbital circumference)

3-3 Discussion And Analysis

Let's simply our discussion as possible –

The idea tells us that – Ene4rgy is transported from point to another point – and this energy creates the planet matter and orbital distanceetc

Directly

How to transport an energy from point to another? What's the most common method?

Light beam

Simply light transports the energy from point to another – this is one of the most simple and common method we ever know

So

Energy is transported through the solar system basically as a light beam –so the transported energy is a light beam

Can we prove that?

Equation B and C proves that clearly

Group No. (1)

Equation No. B

$$254 \text{ seconds} \times 1.16 \text{ mkm/sec} = 295 \text{ mkm} = (17.2 \text{ mkm})^2$$

Light with supposed velocity (1.16 mkm/sec) travels during 254 seconds a distance =295mkm = (17.2 mkm)²

We know 17.2 mkm= 17.2 degrees (Pluto orbital inclination)

Also we remember that

$$86400 \text{ mkm} = (71)^2 \times 17.2 \text{ mkm}$$

The previous equation shows the significance of value 17.2 mkm (or 17.2 degrees)

The geometrical mechanism can easily explain how this data is created

Any way the data shows more strong relationship between Pluto and Earth Moon

254 (months) is a value related to Earth Moon Motion and 17.2 degrees is Pluto orbital inclination –

So this light motion tells there's a connection between Pluto and the moon – this connection is added to many others we already discovered before

Let's remember some of them to support this same conclusion

Pluto & Earth Relationship

(a) $97.8 \text{ seconds} \times 1.16 \text{ mkm/sec} = 113.4 \text{ mkm}$

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

(c) Pluto orbital distance 5906.4 mkm = $2\pi \times 940 \text{ mkm}$ (Earth orbital circumference)

(d) Earth velocity = Pluto velocity $\times 2\pi$

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

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

(f) 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%)

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

Equation No. C

$$254 \text{ seconds} \times 0.3 \text{ mkm/sec} = 76.2 \text{ mkm} \text{ but } 76.2 \pi \times 0.99 = 237 \text{ mkm}$$

Light with known velocity passes 76.2 mkm during 254 seconds but 76.2mkm is related to 237 mkm by using π & 0.99 –

we have explanation why these factors are used but these factors are used frequently in the solar system (group) geometry –

Now the question is why the result value 237 mkm is important?

I have claimed that there are 2 rates of time – **1 Year On Earth = 1 Day On The Sun**
That means 1 day on Earth = 237 seconds on the sun

How 237 mkm became 237 seconds? We have discussed that before – and frequently we use the value 86400 mkm which is similar to 86400 seconds and I claimed that both values are one- where one observer sees it 86400 mkm and the other sees it as 237 seconds – Why? – because the unit definition is relative

The Unit Definition Is Relative <http://vixra.org/abs/1906.0379>

Now what we have learnt from these 2 equations?

Both light beams uses the same period? Why?

Because this period is an energy transported from one point to another!!

How can we reach to this conclusion...?

How energy is transported? By light ... yes but how? May be light reflection - so if a light beam is reflected on some mirror the reflected light beam may be equal in length and energy with the original one – or may be the difference between both be very small value as 1%

So

We accept that distance is energy – imagine one light beam is reflected –so the result will be 2 light beams almost equal in distance (or difference with 1% only)

Distance can work as time period in higher velocity – this concept we have discussed frequently

Time And Distance Equivalence (Proves) <http://vixra.org/abs/1904.0125>

So the equal distances will be equal periods of time

That's what we have here – the same period is used 2 times – why? Because they are one light and its reflected beam

This same discussion we have discussed when we have found that both light velocities use the same period 500 seconds to define Earth Orbital Distance ($149.6 \text{ mkm} = 500\text{s} \times 0.3\text{mkm/sec}$) and Pluto contribution motion ($580 \text{ mkm} = 500\text{s} \times 1.16 \text{ mkm/sec}$)

This is hard discussion –

Please review it in my previous paper

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

(pages no. 6-7-8)

Equation No. D

$$254 \text{ days} \times 0.4665 \text{ mkm /day (Neptune Velocity Daily)} = 118.5 \text{ mkm}$$

Neptune axial tilt = 28.3 degrees (On Horizontal Axis)

28.3 degrees + 90 degrees = 118.3 degrees (On Vertical Axis)

We know that 1 mkm = 1 degrees

So Neptune during 254 days move around 118.3 mkm (=118.3 degrees) = Neptune axial tilt at vertical axis....

Why this equation is important?

(1)

The motion period which is used as seconds for light motion transformed to be days with planet (Neptune) Motion – simply this is the hypothesis of Pluto motion concept

(2)

We see the value 254 is transported from hand to another hand

the data is strong enough to help us to see much better – here we deal with an energy transported from point to another – the transportation process is clear before our eyes but why this value is so specific? Of course it's specific one and has specific origin that's why it effects so deeply on the solar system geometry why this value is specific??

Equation No. E

$$254 \text{ days} \times 2.58 \text{ mkm /day (Earth Velocity Daily)} = 655.3 \text{ mkm}$$

655 mkm = Jupiter Saturn Distance why this value is so important?? Because

$$\text{Pluto circumference } 7511.4 \text{ km} \times 86400 \text{ seconds} = 655 \text{ mkm} \times 0.99$$

We know this relationship which is very similar to the moon relationship which...

$$\text{Moon circumference } 10921 \text{ km} \times 86400 \text{ seconds} = 940 \text{ mkm (Earth orbital circumference)-}$$

Moon equation tells us – if Earth revolves around the sun a complete revolution in one day only – so the moon circumference will be = 1 second of her motion

Pluto equation tells some similar thing – that if a planet moves from Jupiter to Saturn so Pluto circumference will be equal 1 second of this motion

Shortly

655 mkm is a distance related strongly to Pluto motion – we have discussed that before deeply –

Any way 2.58 mkm is Earth motion daily and not Pluto motion daily – but we know that Earth motion daily = Pluto motion daily $\times 2\pi$ – and we know that 2π is a geometrical player in the solar system geometry – where

$$\text{Mercury Velocity Daily} \times \text{Ceres Velocity Daily} = 2\pi \times \text{mkm}^2$$

$$\text{Venus Velocity Daily} \times \text{Mars Velocity Daily} = 2\pi \times \text{mkm}^2$$

$$\text{Earth Velocity Daily} \times \text{Moon Velocity Daily} = 2\pi \times \text{mkm}^2$$

That means for some geometrical reason Pluto velocity is multiplied with the factor 2π and be seen as earth Velocity Daily – which proves my idea and also supports the claim that there's a strong relationship between Pluto on one side and earth with her moon on the other side..

Shortly what does this equation No. (E) tell us?

The value 254 days is transported – used as seconds with light motion but used as days with planet motion- this is the concept which I have claimed and try to prove
It's transported value came from the light energy – and because there's a connection between Pluto and Earth with her moon – so the one equation shows how this value is transported to both Planets –

Let's accept this imaginary idea – say yes – the value 254 is transported – what a big deal here?

Pluto and Neptune define their daily motions based on light motion as Pluto motion concept told us – and now we see clearly a value used by both light velocities as seconds and the same value used by both planets as days – it's a real support for Pluto Motion Concept – it tells us that – it's a fact the solar group is created based on motion of a planet for one solar day which is produced by light motion for 1 second
The concept clearly and strongly is supported

Equation No. F

254 **days** x 0.5875 mkm /day (Uranus Velocity Daily) =149.6 mkm

(Note Uranus Orbital Circumference 180557 mkm = 71 x 254.3 mkm)

Again Uranus uses the same value as days because it's a transported value – we know that – but what addition this equation may add to us

One information only is added here

Uranus Orbital Circumference is contracted by (71) and produce 254.3 mkm – so the same value 254 is seen with Uranus in 2 units (254 days and 254 mkm) why because Uranus is found in 2 frames – some of Uranus Data is effected relativistic and other not – Why ? it's related to Uranus position – I have discussed how to define Uranus position in the sky and what not all data is effected by relativistic effects relative to Earth -

What does Equation (F) tell us? Uranus moves during 254 days a distance = 149.6 mkm= Earth orbital distance ...Why? Because of the deep relationship between Uranus and Earth – this relationship is found based on Metonic Cycle

For Example

Uranus orbital distance 2872.5 mkm =**19 x** Earth orbital distance 149.6 mkm

19 sidereal years (6939.75 days) = Metonic Cycle

Based on such data we conclude that moon orbit regression (Metonic Cycle) energy is transported from Pluto to Uranus before to send toward Earth and Moon

A deep relationship is found between Earth And Uranus –let's provide more data here
(1)

Uranus Diameter = 4 Earth Diameter (but Earth Cycle 1461 days =365+365+365+366)
(2)

30589 days(Uranus Orbital Period) =1120 x 27.3(moon orbital period) (1120 =113.45 x π^2)

(3) 97.8 degrees (Uranus axial tilt) =**19 x** 5.14 degrees (5.1 deg Moon orbital inclination)

(4) 97.8 deg (Uranus axial tilt)/ 6.7 deg (Moon axial tilt) = (Uranus Diameter/ Moon Diameter) = (Uranus Mass / Earth Mass)

Group No. 2

Equation No. H

$$720.7 \text{ mkm (Mercury Jupiter Distance)} = 254 \times 2.857 (=A)$$

Why the value 254 days (or seconds) is so important value?

Because Is created by $A = 2.587$

$A = 2.587$ (light velocity per second 1.16 mkm/ Pluto velocity daily 0.406 mkm)

i.e.

The value is created based on the same concept (Pluto Motion Concept)

We move clearly with familiar values

Still the question why this value (254) is so important

Equation No. I

$$\text{Uranus Orbital Circumference } 180557 \text{ mkm} = 71 \times 254.3 \text{ mkm} = \\ (71)^2 \times 3.6 = 5040 \times 3.6$$

Equation No. J

$$5040 \text{ seconds} = 20 \times 252 \text{ seconds but } 254.5 \text{ seconds} \times 0.99 = \\ 252 \text{ seconds}$$

The previous 2 equations tell us what's happening here

The value 254 is found relative to the master value 5040 seconds (as we know that Mercury day needs 5040 seconds to be 176 solar days)

The value 5040 seconds – is so specific value because we know that $(71)^2 = 5041$ which equals approximately 5040 seconds

The value $(71)^2$ is the machine by which the planet diameter is created from the distance energy as we have discussed deeply in my previous paper

Light Velocity Effect On Solar System Geometry <http://vixra.org/abs/1908.0423>

Shortly

The matter is created by $(71)^2 = 5041$ from the distance energy – that's why the value $(71)^2$ is a basic machine in the solar system seen by us as 5040 seconds (in most simple explanation)

The value 254 is related to this one 5040 and based on that both are basic players in solar system geometry...

We can't discuss the rest of equations – because we need to see deeply Metonic Cycle Energy Transporting through the solar system which we will do in following...

Please review

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

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

4- Metonic Cycle Analysis

4-1 Metonic Motion Is A Solar Group General Motion

4-2 Metonic Cycle Energy

4-3 Uranus Day period

4-4 Mercury Effect

4-1 Metonic Motion Is A Solar Group General Motion

I-Data

What distance each planet moves during Metonic Cycle?

Mercury moves a distance = 28418 mkm = Neptune Orbital Circumference (0.5%)

Venus moves a distance = 20958 mkm = $680 \text{ mkm} \times \pi^3$ (680 mkm = Venus Orbital circumference)

Earth moves a distance = 18055 mkm = Uranus Orbital Circumference

Mars moves a distance = 14448.6 mkm = $1461 \text{ mkm} \times \pi^2$

Jupiter moves a distance = 7855 mkm = $\pi^2 \times 778.6 \text{ mkm}$ (Jupiter orbital distance)(2.2%)

Uranus moves a distance = 4077 mkm = $\pi \times 1284 \text{ mkm}$ (Earth Saturn Distance) (1%)

Neptune moves a distance = 3237.4 mkm = $327.6 \text{ mkm} \times \pi^2$

Pluto moves a distance = 2817.6 mkm = Mercury Uranus Distance

II- Discussion

The previous Data tells us that Metonic Cycle is a period defined by all solar planets motions and all planets performed specific distances (or time periods) through this period

Why some produce distance and other produce time periods? Because the observer changes his position from point to another – we accept that time and distance values are equivalent in higher velocities

More Data

Mercury needs 5040 seconds to make his day = 176 solar days

During 5040 seconds Mercury moves a distance = 2 x Saturn diameter

During 5040 seconds Mars moves a distance = Saturn Diameter

During 5040 seconds Saturn moves a distance = Neptune Diameter

During 5040 seconds Pluto moves a distance = Pluto Diameter x π^2

Deep Discussion

The previous data shows that there's some selective process in planets treatment with different periods of time – some planets move a defined clear distances and some don't that because the energy transportation process needs some flexibility to perform its task.

4-2 Metonic Cycle Energy

I-Data

(1)

$6939.75 \text{ seconds} \times 0.3 \text{ mkm/sec} = 2088 \text{ mkm}$ (Jupiter Uranus Distance)

(2)

$6939.75 \text{ seconds} = 71 \times 97.8 \text{ seconds}$

(97.8 degrees = Uranus Axial Tilt)

(3)

$97.8 \text{ seconds} \times 0.3 \text{ mkm/sec} = 29.34 \text{ mkm}$

(4)

2872.5 mkm (Uranus Orbital Distance) = $97.8 \times 29.34 = (97.8)^2 \times 0.3 \text{ mkm/sec}$

(5)

$1.16 \text{ mkm/sec} \times 3600 \text{ seconds} = 2 \times 2088 \text{ mkm}$ (Jupiter Uranus Distance)

II-Discussion

The previous data tells us

- Light with known velocity (0.3mkm/sec) travels from Jupiter to Uranus (2088mkm) during 6939.75 seconds-
- I suppose – this energy is transported to the moon motion in form 6939.75 days
- To transport this energy from Jupiter Uranus Distance to Moon orbital Motion – Uranus had to define his Data according to the transportation process that explains how Uranus axial tilt and orbital distance are defined – that also explains the relationships we have found between Uranus data on one side and Earth with her moon on the other side.

Conclusions

(1)

Energy Is Transported From Pluto To Uranus And Uranus Will Send It Toward The Moon Orbit

(2)

This proves the claim that "Energy is transported from point to another through the solar system"

4-3 Uranus Day period

I-Data

Uranus Day Period = 17.2 hours
Pluto orbital inclination = 17.2 degrees

I-Discussion

The idea is that -

Energy is transported from Pluto to Uranus

So the energy which is seen as 17.2 degrees = Pluto orbital inclination in Pluto data

The same energy is seen as 17.2 hours = Uranus day period

The proves of this claim are discussed in my previous Paper

Uranus Day Period <http://vixra.org/abs/1908.0637>

4-4 Mercury Effect

I-Data

(a)

30589 days (Uranus Orbital Period) = 346.6 days x 88 days (Mercury Orbital Period) + 88 days

(b)

97.8 degrees (Uranus axial tilt) = 90 degrees + 7.8 degrees

(7.8 degrees = 7 degrees (Mercury orbital inclination) + 0.8 degrees (Uranus orbital inclination))

I-Discussion

Energy is sent from Uranus to the moon orbit

But this sending must be pass through Mercury – that's why Mercury data is found widely in the previous equation....

Mercury main effect is seen in Earth Moon orbital geometrical structure -

Let's see that in following :



In the figure

- The two near bodies are the Earth and Moon
- And the far body is the sun
- Angle $\theta = 0.142984$ degrees = 1/7
- **Mercury Orbital Inclination = 7 Degrees**

Angle $\theta = 0.142984$ degree is found basically through Sun, Earth and Moon distances and diameters ...i.e.

$$\sin \theta = \frac{\text{Earth Orbital Distance}}{\text{Earth Moon Distance}}$$

This angle is a main factor in the eclipse phenomenon...Let's see that in following

$$\sin \theta \times \frac{\text{Earth Daimeter}}{\text{Moon Daimeter}} = 0.532 \text{ degrees "Total Solar Eclipse Angle } \phi \text{"}$$

I wish we remember

$$\frac{\text{Earth Daimeter}}{\text{Moon Daimeter}} = \frac{\text{Moon Daimeter}}{\pi D} = \frac{\text{Sun Diameter}}{\text{Earth Moon Distance}} = \frac{\text{Jupiter Circumference}}{\text{Saturn Daimeter}} = \frac{\theta}{\phi} = 3.66$$

D: is the covered distance on Earth by the total solar umbra shadow =304 km

II-Discussion

We had strong discussion concerned the eclipse phenomena, let's remember our basic question **why do we see the Sun Disc = The moon Disc...**? Because

$$\frac{\text{Sun Diameter}}{\text{Moon Diameter}} = \frac{\text{Earth Orbital Distance}}{\text{Earth Moon Distance}} = \frac{\text{Moon Orbital Circumfeence}}{\text{Earth Raduis}} = 400$$

Why diameters rate = distances rate because the matter and distance are created from the same energy –so the matter and space are created relative to each other

But

The previous data shows clearly Mercury deep effect...

Why Mercury has this great effect? Because of the value 5040 seconds

As we have discussed before

5- Moon Orbit Analysis

4-1 Energy is transported into the moon orbit

4-2 Moon Orbital Geometrical Structure

4-1 Energy is transported into the moon orbit

We know that perigee radius = 363000 km and apogee radius = 406000 km – the moon can only move from perigee to apogee points...so the moon motion range = 43000 km
Let's find the area between perigee and Apogee Points (moon motion range area)

I-Data

The area from perigee (363000km) to apogee (406000 km)

$$A = \pi ((406000)^2 - (363000)^2) = 103925 \text{ mkm}^2$$

But Do we know this value.....?

Jupiter Energy was = 100224 mkm

The difference = 3%

If we accept that this 3% as error in some measurement – that means – this area = Jupiter energy distance....

Just question..!

How the area can be = a distance? Imagine the distance whose length 100224 mkm has a breadth = 1 km so the final area will be 100224 mkm²

If Jupiter energy is found here so the triangle dimensions (which = Saturn diameter, Saturn Circumference and Jupiter Circumference) are not found by any pure coincidences because the main energy is transported clearly from Jupiter to Earth Moon Orbit!

It's a heavy claim..... So we need to review Jupiter energy travel through the solar group to see much if it's real possible to transport the energy from Jupiter to Earth Moon Orbit...

Solar Group General Energy (Revision)

Data

(Equation No. A)

(Pluto Orbital Circumference- Jupiter Orbital Circumference) x π = 100224 mkm

2x100224 mkm =

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

But

100224 million km = (Pluto Orbital Circumference – Jupiter Orbital Circumference) x π (I)
(Error less 1%)

(Neptune orbital Circumference – Earth orbital Circumference) x π = 86400 mkm (II)

(Venus Orbital Circumference follow simply equation II where the error less 1%)

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 = **1.16mkm x 86400 sec x 2 = 100224 mkm x 2**
- The value **100224 mkm x 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. $940\text{mkm} = 778.6\text{mkm} + 149.6\text{mkm}$)
- 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>

More Data

Table No. 2 Why Earth Circumference = 40080 km?		
<i>If Earth diameter = 12756 km, is considered to be = 1</i>		
Earth Circumference = 40080 km, will be just = Π So..... The Following Vales Are Correct		Error
❖ Earth Circumference	= Π	-
❖ Solar Inner Planets Diameters Total	= Π	-
❖ Solar Outer Planets Diameters Total	= 9Π	-
❖ Moon Orbit Radius (At Perigee Point)	= 9Π	-
❖ All Solar Planets Diameters Total	= 10Π	1%
❖ Moon Orbit Radius (At Apogee Point)	= 10Π	1.2%
❖ 2 Jupiter Diameter + Saturn Diameter	= 10Π	
❖ Moon Orbit Radius (At Total Solar eclipse Point)	= 9.5Π	-
❖ Saturn Circumference	= 9.5Π	-

II-Discussion

The moon orbital geometrical structure shows many important geometrical rules which effect on its structure

The moon orbital structure is a specific one because of the transported energy effect on it - this orbit I have discussed deeply in different of my papers

PLEASE REVIEW

Earth Moon Orbit Triangle Analysis (Revised)

<http://vixra.org/abs/1907.0627>

The Moon Orbit Analysis

<http://vixra.org/abs/1811.0422>

Why We See the Sun Disc = the Moon Disc?

<http://vixra.org/abs/1903.0322>

Total Solar Eclipse Analysis (Part I)

<http://vixra.org/abs/1903.0091>

The Moon Orbit Triangle

<http://vixra.org/abs/1901.0082>