

## Why does Earth Moon Orbit regress? (Part II)

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### Abstract

#### Paper Hypothesis

### Earth Moon Orbit Regression Is A Solar System General Motion

#### General Motion Definition

It's a motion done by all planets together- as a train motion done by all carriages– so if we see carriage no. 3 moves, that doesn't mean this carriage moves individually – on the contrary – all carriages move together but we observe only carriage no. 3 (i.e. A conclusion depends on incorrect observational results)

This hypothesis can explain the following data

#### 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)

Why Earth & Moon Motions are in harmony with the Moon orbit regression? Based on what reason these three cycles are in harmony perfectly as the data shows?

Because these three cycles are found from **ONE MOTION** –

i.e. Earth & Moon motions with the moon orbit regression all these cycles are created from **ONE MOTION** only

#### References

Why does Earth Moon Orbit regress? <http://vixra.org/abs/1909.0064>  
Energy Transportation Through The Solar Group <http://vixra.org/abs/1908.0510>  
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

5<sup>th</sup> September 2019 (S. George)



## 1-Introduction

What does this paper try to prove?

One motion can be done by many planets!

How to understand that? Can that be possible?

Let's take a look on the puppets theatre .... How does a puppet move? can many puppets be connected together in the same thread and this one thread causes many puppets to move together... can such motions be done?

It's a simple idea – many planets move together because all of them are connected with each other by the same energy (thread) and one energy effects on all of them and they may do the same motion....

Very simple idea

And why it's not acceptable? Because It moves against the current description – many concepts should be reviewed if we accept such idea...

Now the planet motion will no longer be seen as individual motion – but will be considered as a carriage motion in the same train....Earth motion –based on this description- will be in harmony with Saturn motion and Pluto motion will move in Peace with Mercury motion!

The idea is easy – but is it a fact? how to prove it??

The previous data can help to do that ....

**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)

Easily we see the harmony in this data and even I have claimed that this harmony is found because it's one motion...

Is it an enough proof. To prove such a heavy claim ....? I don't think so

It's a remarkable data but to prove such claim we need more than this data

Let's try to deepen our vision as possible...

Why does the solar system move such general motion?

Because the solar system is one machine, or one building and each planet is a part of this building (or a gear of this same machine)

As any group of gears – as the old mechanical clocks – you see many gears move together – with even with different velocities but the motion is transported from one gear to another simply till the final motion is done

Again the idea is easy but with a great shock in the same time

How the planet or planet motion can be similar to a gear motion? How the motion is transported from point to another?? **By Energy Transportation**

Energy can be transported by different forms – in light form or in heat form ....etc

So energy can be transported ... this concept is known and trustee

Can Energy be transported through the solar group?

Yes .... A light beam came from the sun and we receives it inside a solar cell to produce some electricity – **Energy Transportation-**

Can this transportation of energy causes motion? Yes

Now we have a clear idea – but how to prove it?

We have 2 ideas – if we prove any of both the other will be proved automatically

(1<sup>st</sup> idea) The Solar System Is One Building Or One Machine

(2<sup>nd</sup> idea) The Solar System moves as a train (all planets move together in one motion)

As we have seen – a good progress in our understanding can be performed easily if we provide real proves for this claim...

Let's try to prove the 2<sup>nd</sup> idea in this paper

### **The Solar System Moves As A Train With All Carriages Together**

We have many references support the one motion claim let's refer to some of them:

(1)

#### **Kepler laws**

Where Kepler laws are used for all solar planets generally which shows that all planets behaviors are similar to each other –which can be guaranteed by one unified motion only

(2)

#### **Planet Revolution Around The Sun**

All planets revolve around the sun in the same direction which supports the one motion claim

(3)

#### **Earth And Moon Motions Harmony**

- Earth daily moves a distance =2.58 mkm = 0.985 degrees to complete 360 degrees in 365.25 days...
- i.e. Earth during 29.53 days move **29.2 degrees**

but

- The moon moves daily 2.58 mkm but the moon during the day moves 13.18 degrees to perform 360 degrees during 27.3 days

Means

- The moon during 29.53 days move a distance = 389.2 degrees
- 389.2 degrees – 360 degrees = **29.2 degrees**

#### **I-Discussion**

The previous data provides us a clear interacting machine which provides **One Unified Motion** for Earth, its moon, and its orbit motions...

Earth, Moon and Moon Orbit Motions are in harmony because the motions degrees are in harmony also - Simply we deal with one motion- that explains why the value (29.2 degrees) are equal in Earth and Moon motions – also that explain the harmony in motions which we have found in Metonic Cycle Data

(4)

### Planets Velocities

(A)

$$1- \frac{\text{Venus Velocity}}{\text{Earth Velocity}} = \frac{\text{Moon Velocity}}{\text{Mars Velocity}} = \frac{\text{Neptune Velocity}}{\text{Pluto Velocity}} = 1.17 = A \quad (\text{Max error } 1.8\%)$$

$$2- \frac{\text{Mercury Velocity}}{\text{Venus Velocity}} = \frac{\text{Mars Velocity}}{\text{Ceres Velocity}} = \frac{\text{Ceres Velocity}}{\text{Jupiter Velocity}} = 1.355 = A^2 \quad (\text{Max error less } 1\%)$$

$$3- \frac{\text{Uranus Velocity}}{\text{Neptune Velocity}} = \frac{\text{Earth Velocity}}{\text{Mars Velocity}} = 1.239 = B \quad (\text{Max error } 1.6 \%)$$

$$4- \frac{\text{Saturn Velocity}}{\text{Uranus Velocity}} = 1.4263 = B^2 \quad (\text{Max error } 1.8 \%)$$

$$5- (B/A) = (B^2/A^2) = 1.0725 \quad (\text{Max error } 1.3\%)$$

(B)

$$\text{Mercury Velocity Daily } 4.095 \text{ mkm/sec} \times \text{Ceres Velocity Daily } 3.02 \text{ mkm} = 2\pi \text{ mkm}^2$$

$$\text{Venus Velocity Daily } 3.02 \text{ mkm/sec} \times \text{Mars Velocity Daily } 2.082 \text{ mkm} = 2\pi \text{ mkm}^2$$

$$\text{Earth Velocity Daily } 4.095 \text{ mkm/sec} \times \text{Moon Velocity Daily } 3.02 \text{ mkm} = 2\pi \text{ mkm}^2$$

(Note Please – moon moves daily 2.58 mkm= Earth motion but because of relativistic effects this distance became 2.41 mkm/daily)

### Discussion

Planets Velocities show clearly that these motions can't be independent motions- Planets velocities are created depending on each other clearly

Which proves the claim that

## Solar Planets Motions Are One Unified Motion

(5)

### Total Solar Eclipse Phenomena

Why total solar eclipse is done? Because we see the sun disc = the moon disc – if not – no total solar eclipse can be done

Why we see the sun disc = the moon disc? Because (the sun diameter / moon diameter) = (Earth orbital distance / Earth moon distance)

Why?

It's a general unified motion – in which – the planets motions and data are created to be suitable for one specific process – that explains why the diameters rate = the distances rate –

That happens basically because – the solar eclipse is one unified motion – and all planets data are created to enable the system to produce this motion

(More Examples Are Provided In Point No. 4 Of This Paper)

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

1. 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- Solar System is One Building

3-1 one Equation controls all solar planets data

3-2 One Light Motion Leads Solar System One General Motion

#### 3-1 One Equation Controls All Solar Planets Data

This "one Equation claim" we have discussed frequently before – I need to refer to it here only to perform the paper consistency- so let's summarize it in following:

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

- Based On The Previous Equation All Solar Planets Data Are Created

Why? Because

- Light beam moves for 1 second and its energy causes solar planets to move for 1 solar day
- Planet motion for 1 solar day creates all solar planets data (i.e. Planets Diameters- Masses- Orbital Distances.....etc).
- Pluto motion for 1 solar day = 406000 km = Solar Planets Diameters Total which can be a reference supporting the previous claim

Based on that

- There's a deep relationship between the light beam motion for 1 second (**1.16mkm/sec**) and Pluto motion for a solar day (**=0.406mkm**)
- The previous 2 values consist the equation which controls all solar planets data

Where

$$1.16 \text{ mkm} = 2 \times 0.377 \text{ mkm} + 0.406 \text{ mkm}$$

Let's explain this idea more deeply

The values

$$1.16 \text{ mkm/sec} \quad \text{and} \quad 0.406 \text{ mkm}$$

These 2 values are the main players in our conclusion – so they are found in this equation by nature because the equation is built on them

But what's the third value 0.377 mkm?? **0.377 mkm = Saturn Circumference**

Let's see the data here once again

Data

(1)

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

(2)

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

(3)

(Jupiter Diameter)<sup>2</sup> + (Saturn Diameter)<sup>2</sup> = (0.5 Saturn Circumference)<sup>2</sup> (1.2%)

(4)

Jupiter Circumferences - Jupiter Diameter =  $\pi^5 \times 1000 \text{ km}$  (No Error)

(5)

**Jupiter Diameter = 1 million km / (7)** (No Error)

(6)

**2 Jupiter Diameters + 1 Saturn Diameter = Solar Planets Diameters Total (No Error)**

i.e.

**Jupiter Diameter = 8 Planets Diameters Total**

(7)

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

### Discussion

The previous data aims to lead to 2 important conclusions

**(1<sup>st</sup> Conclusion)**

**Solar Planets Diameters Total Are Created Relative To Each Other**

(and similar to that all solar planets data are created)

**(2<sup>nd</sup> Conclusion)**

Saturn Diameter (or Circumference) should be considered one of 2 columns depend on which the solar planets diameters creation depended.

(Saturn and Jupiter are the 2 columns – as the data shows)

we see clearly that Jupiter and Saturn diameters are created depending on each other

i.e.

**1.16 mkm = 2 x 0.377 mkm (2 Saturn Circumference) + 0.406 mkm**

This equation expresses the planets diameters values basically – so the light motion energy produces immediately the planets diameters total as the equation tells – we will not ask why..! but we need to look at the equation because the used 2 values are basic values in the solar planets diameters – which tells that planets diameters almost are created based on this equation

### **Note Please**

Mercury moves during 5040 seconds a distance = **2 Saturn Diameter**

We know that Mercury day needs 5040 seconds to be 176 solar days – and we know that the value 5040 seconds is the main value in the solar system because (5040 seconds x 1.16 mkm/sec = 5846.4 mkm = Mercury Pluto Distance) – and many other discussions concerned the value 5040 seconds we have discussed – **PLEASE NOTE** – Mercury moves = **2 Saturn diameters** during 5040 seconds – that shows the previous data (which uses 2 Saturn circumferences) follows this same **Data Direction** and we deal with one machine in which the energy is transported through it

Why light energy creates planet diameter at first? For answer please review

**Planet Diameter & Orbital Distance Relationship (A Theoretical Analysis)**

[https://www.academia.edu/40185802/Planet\\_Diameter\\_and\\_Orbital\\_Distance\\_Relationship\\_A\\_Theoretical\\_Analysis](https://www.academia.edu/40185802/Planet_Diameter_and_Orbital_Distance_Relationship_A_Theoretical_Analysis)

or

<https://www.slideshare.net/Gergesfrancis/planet-diameter-orbital-distance-relationship-a-theoretical-analysis>

### 3-2 One Light Motion Leads Solar System One General Motion

Here we refer to some data shows that – Planets follow light motion

#### I-Data

(A)

$$25920 \text{ mkm} = 86400 \text{ seconds} \quad \times 0.3 \text{ mkm /sec}$$

$$25920 \text{ mkm} = 17.75 \text{ mkm} \quad \times 1461 \text{ days}$$

(B)

$$\text{Neptune Velocity Daily} = 0.4665 \text{ mkm}$$

$$1.46 \text{ mkm/sec} = 0.4665 \text{ mkm} \times \pi$$

Where

$$1.16 \text{ mkm/sec} + 0.3 \text{ mkm/sec} = 1.46 \text{ mkm}$$

#### II-Discussion

##### Equation No. A

We have discussed this data before frequently ...

25920 mkm a distance passed by light known velocity during a solar day

But

All planets velocities daily total can pass this same distance during a period 1461 days which = Earth 4 years cycle (365+365+365+366 =1461 days)

It's just example for many others we have discussed before –

The main point – as we remember – that planet moves follows light motion but with different rate of time – because of that we see different cycles of motions because not all motions are done based on the same rate of time

##### Equation No. B

We have discussed it in part one of this same series

Why does Earth Moon Orbit regress?

[https://www.academia.edu/40245513/Why\\_does\\_Earth\\_Moon\\_Orbit\\_regress](https://www.academia.edu/40245513/Why_does_Earth_Moon_Orbit_regress)

#### Please Note

We complete the same discussion in part one of this series – so we don't need to repeat every discussion –

#### 4- Solar System moves in one unified motion (As A Train)

4-1 Preface

4-2 Earth Circumference proves the unified motion

4-3 Moon Orbit Regression is a unified motion

4-4 Saros Cycle

#### 4-1 Preface

Let's review the basic idea and its references.

#### Main Hypothesis

### **The Solar System Moves As A Train With All Carriages Together**

Let's review its references

(1)

#### **Kepler laws**

Where Kepler laws are used for all solar planets generally which shows that all planets behaviors are similar to each other –which can be guaranteed by one unified motion only

(2)

#### **Planet Revolution Around The Sun**

All planets revolve around the sun in the same direction which supports the one motion claim

(3)

#### **Earth And Moon Motions Harmony**

- Earth daily moves a distance = 2.58 mkm = 0.985 degrees to complete 360 degrees in 365.25 days...
- i.e. Earth during 29.53 days move **29.2 degrees**

but

- The moon moves daily 2.58 mkm but the moon during the day moves 13.18 degrees to perform 360 degrees during 27.3 days

Means

- The moon during 29.53 days move a distance = 389.2 degrees
- 389.2 degrees – 360 degrees = **29.2 degrees**

#### **I-Discussion**

The previous data provides us a clear interacting machine which provides **One Unified Motion** for Earth, its moon, and its orbit motions...

Earth, Moon and Moon Orbit Motions are in harmony because the motions degrees are in harmony also - Simply we deal with one motion- that explains why the value (29.2 degrees) are equal in Earth and Moon motions – also that explain the harmony in motions which we have found in Metonic Cycle Data

(4)

### Planets Velocities

(A)

$$1- \frac{\text{Venus Velocity}}{\text{Earth Velocity}} = \frac{\text{Moon Velocity}}{\text{Mars Velocity}} = \frac{\text{Neptune Velocity}}{\text{Pluto Velocity}} = 1.17 = A \quad (\text{Max error } 1.8\%)$$

$$2- \frac{\text{Mercury Velocity}}{\text{Venus Velocity}} = \frac{\text{Mars Velocity}}{\text{Ceres Velocity}} = \frac{\text{Ceres Velocity}}{\text{Jupiter Velocity}} = 1.355 = A^2 \quad (\text{Max error less } 1\%)$$

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$$\text{Earth Velocity Daily } 4.095 \text{ mkm/sec} \times \text{Moon Velocity Daily } 3.02 \text{ mkm} = 2\pi \text{ mkm}^2$$

(Note Please – moon moves daily 2.58 mkm= Earth motion but because of relativistic effects this distance became 2.41 mkm/daily)

$$\text{Earth Velocity} = \text{Pluto velocity} \times 2\pi$$

(C)

$$\text{Neptune Velocity Daily } (0.4665 \text{ mkm /day}) = 1/(\text{Mars Velocity Daily}) (2.082 \text{ mkm /day})$$

$$\text{Pluto Velocity Daily } (0.406 \text{ mkm /day}) = 1/(\text{Earth Moon Velocity Daily}) (2.41 \text{ mkm /day})$$

### Discussion

Planets Velocities show clearly that these motions can't be independent motions- Planets velocities are created depending on each other clearly

Which proves the claim that

**Solar Planets Motions Are One Unified Motion**

(5)

### **Total Solar Eclipse Phenomena**

Why total solar eclipse is done? Because we see the sun disc = the moon disc – if not – no total solar eclipse can be done

Why we see the sun disc = the moon disc? Because (the sun diameter /moon diameter) = (Earth orbital distance / Earth moon distance)

Why?

It's a general unified motion – in which – the planets motions and data are created to be suitable for one specific process – that explains why the diameters rate = the distances rate –

That happens basically because – the solar eclipse is one unified motion – and all planets data are created to enable the system to produce this motion

**(More Examples Are Provided In Point No. 4 Of This Paper)**

### **(6) More Relationships**

It's hard to record all data which shows the general unified motion – but we may refer to few more data in following

(a)

687 days (Mars Orbital Period) =

$$= 27.3 \text{ days (Moon orbital period)} \times 25.2 \text{ (mars axial tilt =25.2 degrees)}$$

$$= 365.25 \text{ days (Earth orbital period)} \times 1.9 \text{ (mars orbital inclination =1.9 degrees)}$$

(b)

4331 days (Jupiter Orbital period) =  $2\pi \times 687$  days (Mars Orbital Period)

(c)

30589 days (Uranus Orbital Period) =  $346.6 \times 88$  days (Mercury orbital period) + 88 days

Where

346.6 days = Moon Orbital Nodal Year

## 4-2 Earth Circumference proves the unified motion

### I-Data

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

### II-Discussion

Earth rotates around her axis daily moving 40080 km in this rotation – based on this motion distance 40080 km many data is produced...

How to understand that?

One motion controls many different data !

What conclusion we mat reach here?

### Conclusion

#### Solar System Is One Machine Moves With One Unified Motion

And because of that– different data is created depending on this same distance why?

Because the unified one motion needs harmony from all players (Puppets)

So the puppets are created to be in harmony with the one unified motion otherwise this same motion can" be done

Now we can understand how this table is created and why planets many data shows dependency on each other – all these features which we dealt with for long time are found basically to enable the solar system to perform his one unified motion

Because any inconsistency in the whole machine will prevent its general motion

## 4-3 Moon Orbit Regression Is A Unified Motion

### I-Data

#### Group No. 1

- |      |                                  |                                   |               |
|------|----------------------------------|-----------------------------------|---------------|
| i.   | 6939.75 seconds                  | x 0.3 mkm/sec (light velocity)    | =2088 mkm     |
| ii.  | 5092 days                        | x 0.406 mkm /day (Pluto velocity) | =2067 mkm     |
| iii. | 1.44 degrees                     | x 1433.5 months                   | =2067 degrees |
| iv.  | 327.6 days (lunar sidereal year) | x $2\pi$                          | =2060 days    |

#### Group No. 2

- |       |                                   |                |                  |
|-------|-----------------------------------|----------------|------------------|
| v.    | (511.1 degrees )                  | / 1.44 degrees | = 354.36 degrees |
| vi.   | 2 x 232.7                         | x 1.44         | = 670 degrees    |
| vii.  | 655 mkm (Jupiter Saturn Distance) | x 1.44         | = 940 mkm        |
| viii. | 254                               | x 1.44         | =365.25          |

### Where

- |               |  |
|---------------|--|
| 511.1 degrees | = Planets Axial Tilts Total                          |
| 232.7 degrees | = Inner Planets Axial Tilts Total                    |
| 254           | = this value is discussed in part one of this series |

### II-Discussion

What's the idea which we try to prove here?

The moon orbit regression is a general motion done by many planets in the solar system

How to prove that?

The previous data tells us that there are different motions are done in the same direction – with more specific words – we have many planets move in the same distance – can that create one unified motion...

Because why they move in the same direction? What force push all of them? May be the same force push all of them or may be it's a motion of gears transported from one gear to another – and by such energy transportation the motion is done in the same distance by different players

Now the idea is clear as possible

Because different players move through the same distance we may conclude that there's one reason behind – and that supports the claim these all motions are created based on one unified motion only

Now let's discuss the previous data as deep as possible in following

### Equation No. i

$$6939.75 \text{ seconds} \times 0.3 \text{ mkm/sec (light velocity)} = 2088 \text{ mkm}$$

Light moves a distance =2088 mkm (Jupiter Uranus Distance) during 6939.75 seconds – we know Metonic Cycle =6939.75 days and I have suggested that light motion for 1 second causes planet to move for 1 solar day  
The previous data is a simple application for the idea –

### Conclusion

2088 mkm is **A Light Motion Distance**

### Equation No. ii

$$5092 \text{ days} \times 0.406 \text{ mkm /day (Pluto velocity)} = 2067 \text{ mkm}$$

2067 mkm =2088 mkm (**error 1%**)

Pluto move during 5092 days a distance =2088 mkm = light motion !

5092 mkm = Jupiter Pluto Distance

Pluto doesn't see this is a distance – for his it's a period of time and he uses it to pass a distance = 2088 mkm = light motion during 6939.75 seconds

How to understand that?

The energy is sent from Jupiter to Pluto – if we remember the old stories – Energy is at Pluto hand basically and he sent it now toward Uranus –

For that reason

The transported energy which is seen as 17.2 degrees (Pluto orbital inclination) will be sent to Uranus and be seen as 17.2 hours (Uranus Day Period)

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

The geometrical mechanism is unclear but the energy is transported and seen in the data clearly –

The energy is sent from Pluto to Uranus – and we have discussed frequently the harmony between Pluto and Uranus data which is created from this same transported energy.

So

Equation (i) and (ii) tell us the energy is transported to Uranus from Pluto and the light motion will transport it from Uranus to the moon orbit

### Note Please

The error 1% we don't discuss because we have discussed the factor 99% or 0.99 which is used frequently in the solar system geometry – simply when the rate 0.99 is used will left error 1% (example to remember of the rate 0.99 ---- 17.4 degrees (inner planet orbital inclinations total) x 0.99 = 17.2 degrees "Pluto orbital inclination" - also 23.45 degrees = 0.99x 23.6 degrees (outer planets orbital inclinations total)

**Equation No. iii**

$$1.44 \text{ degrees} \quad \times 1433.5 \text{ months} \quad = 2067 \text{ degrees}$$

**Earth moon orbit regresses yearly 19 degrees –means monthly 1.44 degrees**

So

During 1433.5 months – the moon orbit will regress 2067 degrees

But

We know that – 1 degree = 1 mkm ...Why? Because Mercury orbital Circumference =360 mkm =360 degrees means 1mkm=1 degree

And because the solar system is one machine (or one building)

We see clearly that

The moon orbit receive the same distance 2067 mkm (or 2088 mkm) where we accept that distance = energy

And that means the energy is transported from Pluto to Uranus and after the energy had to use Mercury data to reach to the moon orbit – that means – even if energy reaches directly from Uranus to the moon orbit – but this energy depends on Mercury effect on the solar system geometry and that means this energy reaches by Mercury effect-

That tells us

The same energy started from Jupiter to Pluto then to Uranus then to Mercury to Earth Moon Orbit

One energy passes many planets and connects all of them to do one motion

That proves

(1<sup>st</sup>) Energy is transported through the solar system

(2<sup>nd</sup>) Moon orbit Regression is One Motion done by Different Planets

**Note Please**

1433.5 mkm = Saturn orbital distance

Frequently we have discussed how this value 1433.5 mkm is transformed to be 1433.5 days – but in previous equation it's the first time we see this value used as a period of month – any way let's remember its using as days to support the data direction in following

<b>Table No.2</b> The Table uses 1433.5 mkm (Saturn orb. Distance) As 1433.5 Days	error
-1433.5 days x Mercury velocity daily 4.095 mkm = 5870 mkm Pluto Orbital Distance	0
-1433.5 days x Venus velocity daily 3.02 mkm = 4329 mkm Venus Neptune Distance	0
-1433.5 days x Earth velocity daily 2.58 mkm = 3699 mkm Jupiter Neptune Distance	0
-1433.5 days x Mars velocity daily 2.082 mkm = 2984.5 mkm Uranus Pluto Distance	0
-1433.5 days x Jupiter velocity daily 1.1318 mkm =1622.4 mkm Uranus Neptune Distance	0
-1433.5 days x Saturn velocity daily 0.838 mkm = 1201 mkm Mars Saturn Distance	0.3%
-1433.5 days x Uranus velocity daily 0.5875 mkm = 842 mkm	
-1433.5 days x Neptune velocity daily 0.4665 mkm = 670 mkm Venus Jupiter Distance	0
-1433.5 days x Pluto velocity daily 0.406 mkm = 582 mkm Mercury Earth distance*2Π	1%

The idea is simple – let's remember it here  
The distance is used as a period of time – because

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

But

While the period of time is different the distance still the same – why? Because the solar system motion uses a motion of 1 second (light motion) to produce a planet motion for 1 solar day – how to day that?

Because one planet motion uses the distance as 1 mkm for 1 second – another planet motion uses the same distance as 1 mkm = 1 minute – and the third planet motion uses the same distance as 1 mkm= 1 hour ....etc

Why the distance is same? Because the distance is the transported energy from point to another – this is the general theoretical idea based on which the distance 1433.5 mkm (Saturn orbital distance) is used as 1433.5 days and here in the previous equation is used as 1433.5 months.

### **Equation No. iii**

$$327.6 \text{ days (lunar sidereal year)} \times 2\pi = 2060 \text{ days}$$

Or

$$327.6 \text{ mkm} \times 2\pi = 2067 \text{ mkm}$$

Now the transported energy to the moon orbit will seen in its data

The same distance 2067 mkm is seen in the moon motion data but in lunar sidereal year – so the energy is transported in distance form but we see it in time period – where this is not strange because we know that

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

### **Conclusion**

(1)

**Moon Orbit Regression is One Motion done by Many Planets**

(2)

Solar System Motions Are One Unified Motion Done By All Planets – as the train motion done by all carriages.

(3)

Solar Planets Motions Are Done Based On Light Motion

## 4-4 Saros Cycle

### I-Data

(a)

6585.36 days = Saros Cycle

(Note Please – moon orbit regresses 19 degrees yearly and causes to regress the calendar 19 days yearly – means 1 day =1 degree)

(b)

$$\begin{aligned} 6585.36 \text{ degrees}^2 &= 232.7 \text{ degrees} \quad \times 28.3 \text{ degrees} \\ &= 278.4 \text{ degrees} \quad \times 23.6 \text{ degrees} \\ &= 115.2 \text{ degrees} \quad \times (180 \text{ degrees} / \pi) \end{aligned}$$

Where

232.7 degrees = Inner Planets Axial Tilts Total  
278.4 degrees = Outer Planets Axial Tilts Total  
23.6 degrees = Outer Orbital Inclinations Total  
28.3 degrees = Neptune Axial Tilt  
115.2 degrees = 90 degrees +25.2 degrees (Mars axial tilt)

But

Shadow Saros Cycle changes its site on Earth during the cycle based on the angle 115.2 degrees.

(c)

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)

### I-Discussion

The previous data tells my claim clearly

Because the planets motions are one unified motion – so – all planets data (specifically the motions data) are created relative to each other and depending on each other – why? Because it's one unified motion

And to support us

The motions themselves cam to us in group No. c to show how these motions are in harmony which can be created only if these all motions are one unified motion.

### Conclusion

**Solar System Motions Are One Unified Motion Done By All Planets  
– As The Train Motion Done By All Carriages.**