

## Earth Moon moves with 2 Rates Of Time (Part III)

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### 1- Abstract

We still discuss our subject "Earth Moon moves with 2 rates of time"

(Part I)

<http://vixra.org/abs/1910.0199>

(Part II)

<http://vixra.org/abs/1910.0269>

The last paper concluded an interesting mystery which led to a serious question!

Let's ask it in following:

Why Mercury Day Period = 2 Mercury Orbital Period = 3 Mercury Rotation Period?

Let's remember the mastery to see why this question is important:

- Moon moves daily 2.58 mkm where this distance is contracted to be 2.41 mkm by length contraction effect – this difference in distances causes difference in velocities between Earth and Moon
- The moon needs 0.17 mkm to perform a distance = 2.58 mkm = Earth Motion daily and based on that they will not separate from each other - but the moon moves daily by gravity forces a distance = 88000 km only (Moon Daily Displacement)
- So – The moon sends the distance 88000 km (Energy)- to Mercury who receives the value 88000 km and transforms it into 88 days – and Mercury based on this 88 days produced his Day period 176 days and transforms this value into 176000km and sends them to the moon to enable it to move the required distance 2.58 mkm.

Interesting Mystery!

But even contradicts another one! Which is

- The moon moves 88000 km but this value becomes 176000 km because Uranus orbital distance = 2 Saturn orbital distance – means – Uranus Saturn Relationship causes the value 88000 km to be 176000km!

Based on that

- What answer we expect for the question... Why Mercury Day period = 2 Mercury Orbital Periods?!
- We expect that Uranus Saturn Relationship causes Mercury Day Period to be = 2 Mercury Orbital Periods...

So this paper doesn't deal with any mystery...

We here to answer the question

Why Mercury Day Period = 2 Mercury Orbital Period = 3 Mercury Rotation Period?

Let's start immediately

**2- Methodology** (methodology is repeated in all papers) please review

Why Saturn Orbital Distance = Saturn Uranus Distance? (II) <http://vixra.org/abs/1910.0078>

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### References

My Research Hypotheses

<http://vixra.org/abs/1909.0406>

Research 1st Hypothesis Discussion

<http://vixra.org/abs/1909.0562>

Earth Moon moves with 2 Rates Of Time (I)

<http://vixra.org/abs/1910.0199>

Moon Orbital Motion Analysis

<http://vixra.org/abs/1910.0080>

Moon Orbital Motion Analysis (II)

<http://vixra.org/abs/1910.0121>

**The Assumption Of S. Virgin Mary.**

**Written in Cairo – Egypt**

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### 3-Mercury Day Analysis

3-1 Moon Orbital Motion (Revision)

3-2 Venus Rotation Period Definition

3-3 Mercury Day Period Definition

#### 3-1 Moon Orbital Motion (Revision)

I repeat my suggested Moon Orbital Motion Theory because we analyze it – so we need to remember its details before to start the analysis – let's review it in following:

The moon motion defines 4 basic points which are:

- Perigee radius =363000 km = Earth Moon Distance to perigee point which is the most near point the moon can reach to Earth.
- Total solar eclipse radius =377000 km = Earth Moon Distance when the moon be in total solar eclipse most far point.
- Moon Orbital Distance =384000 km (A Registered Value)
- Apogee radius =406000 km = Earth Moon Distance to apogee point which is the most far point the moon can reach from Earth.

Let's review this suggested theory in following:

- The moon moves 2.58 mkm per solar day equal to Earth motion distance (2.58mkm) per solar day –So they will not separated from Each other.
- The Moon motion is similar to Earth Manner Motion –Earth revolves around the sun moving with straight trajectory inclines with less than 1 degree daily – similar to this moon manner the moon moves to save his fellowship with Earth.
- We know that there are relativistic effects in the solar system which cause different length contraction rates which are  $(1.0725- 7.1- 71 - (7.1)^2 - (71)^2)$  We had discussed the relativistic effects in the solar system frequently before and provided many proves about them. Please review (Relativistic Effects Discussion) <http://vixra.org/abs/1907.0523>
- The length contraction effect with rate 1.0725 effect on The Moon Daily Motion which is (2.58 mkm) to contract it and be = (2.41 mkm)
- Because the moon daily motion is contracted from 2.58 mkm to 2.41 mkm – that causes a difference in velocities between Earth and Moon Motions – so they don't move by equal velocities after the contraction effect.
- We may remember Einstein rock which he left to drop from the moving train- where Einstein have seen the rock dropped in straight trajectory of motion but the people on platform have seen the rock moves in parabola (why the motion trajectories are different? Because there's a difference in velocities between the moving train and the platform)
- Similar to that –there's a difference in velocities between Earth and Moon motions– that causes the moon motion to be seen in parabola form.

- Now the moon contracted motion distance =2.41 mkm and is done in parabola form – but based on that the moon must be separated from Earth during their motions course.
- The **Masses Gravity** forces effect on the moon and force him to move an additional distance =88000 km daily (The Moon Daily Displacement)
- Because the solar system is one machine – the solar system uses the distance 88000 km (The Moon Daily Displacement) to produce the required distance 176000km with which the moon total distance will be 2.58 mkm= Earth Motion Daily which save the moon with Earth in motion...
  
- How the solar system uses 88000km and produce 176000 km? I have suggested that – the distance 88000 km is sent to Mercury (because Space = Energy) and Mercury uses this distance 88000 km in time form 88 days then Mercury –based on his orbital period 88 days- produces his Day Period (176 days) – and then he transformed this value 176 days into distance 176000 km and send it to the moon...
  
- So because Mercury Day Period =2 Mercury Orbital Period – the moon finds a solution for his problem – but this explanation contradicts our basic concept that – the transformation of the distance 88000 km is caused by Uranus and Saturn Relationship –

Means

- All these imaginary ideas lead to a clear question –

Why Mercury Day Period = 2 Mercury Orbital Period = 3 Mercury Rotation Period?

Or

How Mercury Day Is Created?

This is our question – I have tried to explain how we reach to this question – now let's move to the next point...

### 3-2 Venus Rotation Period Definition

#### I-Data

(1)

4.14 mkm (Mercury Velocity For Solar Day) x 58.66 solar days (Mercury rotation Period) = 243 million km (Error 1%)

(Additional Data)

243 days = Venus Rotation Period

#### II-Discussion

Mercury orbital distance 57.9 mkm x  $2\pi$  = 364 mkm which mean Mercury velocity daily should be = 4.14 mkm but because Mercury orbital circumference = 360 mkm only the actual velocity = 4.095 mkm/ day

Simply the difference 1% we can consider as error in measurement... But this is not true because we have seen many data is used in 2 forms 100% and 99% and that means there's some doubt that Mercury moves also by velocity 41.4 mkm/day but we can't observe it...

#### What does Equation No.1 tell us?

**4.14 mkm (Mercury Velocity For Solar Day) x 58.66 Solar Days (Mercury Rotation Period) = 243 million km (Error 1%)**

Mercury moves during his rotation period a distance = 243 mkm

Where

Venus rotation period = 243 days...

Simply the distance which is created by Mercury motion is seen by Venus as a time Period – the geometrical mechanism is still hard to grasp but we follow the data analysis for best explanation...

**(NOTE PLEASE** 1 mkm = 1 day = 1 degree this is the general cases – only with the moon distances 1 day = 1000 km)

#### Conclusion

**Venus Rotation Period is created based on Mercury Motion During His Rotation Period... !**

Let's see the following data which supports this same meaning...

### 3-3 Mercury Day Period Definition

#### I-Data

(2)

$$1106 \text{ mkm} = 175.94 \text{ mkm} \times 2\pi$$

(3)

$$1106 \text{ mkm} = 3.02 \text{ mkm (Venus velocity per solar day)} \times 365.25 \text{ days}$$

#### I-Discussion

The distance 1106 mkm is passed by Venus motion during 365.25 days (Earth Orbital Motion) – now this value 1106 mkm is produced by cooperation between Venus and Earth – Venus Moves By Actual Velocity During Earth Orbital Period to produce the distance 1106 mkm

The geometrical mechanism is still far how these 2 planets cooperate to produce the value 1106 mkm

Now the value  $1106 \text{ mkm} = 175.94 \text{ mkm} \times 2\pi$

Where 175.94 days = Mercury day period

Again the distance which is passed by planet motion is seen in time form – vice versa – Venus Motion Distance is seen as Mercury Day Period – and Mercury Motion Distance Is Seen As Venus Rotation Period – the idea is clear but the mechanism is so complex to reach...

What conclusion can we reach here??

There's a clear machine between Venus and Mercury – What's A Time Period At Mercury Is Seen As Distance At Venus And Vice Versa

But

Between Venus and Earth this machine is not found – because what's time at Earth 365.25 days is seen as time at Venus....

So The Gab is found Between Venus and Mercury....!

Why this gab is found?!

I guess the answer is related to the light motion effect on Mercury data

#### For example

Mercury Day Period = 176 Solar Days (minus 5040 seconds)

Light (with supposed velocity 1.16 mkm) moves during 5040 seconds a distance = 5864.4 mkm (Mercury Pluto Distance)

So Pluto Orbital Distance is defined by light velocity effect on Mercury Data – that makes Mercury situation so specific relative to Venus and Earth (as I consider)

#### **Please Note**

**1 day = 1 degree = 1 mkm** (generally) and for the moon distances the rate **1 day = 1000 km**  
So the distance 175.94 mkm is transported to the moon in value 175940 km – according to the previous rule...

#### 4-Why Mercury Day Period =2 Mercury Orbital Period

4-1 Mercury Moon Relationship

4-2 Uranus Mercury Relationship

4-3 Uranus Saturn Relationship

#### 4-1 Mercury Moon Relationship

##### I-Data

(4)

118.3 x 58.66 days (Mercury rotation Period) = 6939.75 days (Metonic Cycle)

(5)

175.94 days (Mercury Day Period) x  $(2\pi)^2$  = 6939.75 days (Metonic Cycle)

(6)

Mercury rotation period 1407.6 hours x  $\pi^2$  = 2 x 6939.75 hours

##### II-Discussion

##### Equation No.4

**118.3 x 58.66 days (Mercury rotation Period) = 6939.75 days (Metonic Cycle)**

This is an important and clear equation – we have 2 important cycles here Mercury Rotation Period and Metonic Cycle – these 2 cycles rate =118.3

Neptune Axial Tilt =28.3 degrees and 118.3 degrees =28.3 degrees +90 degrees

That means the rate between these 2 cycles = Neptune axial tilt at vertical (divided by 1 degree)

Because Neptune Axial Tilt is the main one in the solar system that refer to the main significance of both Cycles – here we have to review Planets Axial Tilts

##### More Data

##### Additional Equation No. (a)

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

##### II-Discussion

How to explain Equation No. (a)? Let's try to do that in following:

(I have claimed that – there are relativistic effects in the solar group – and based on that – the rate 1.0725 is found as length contraction effect rate)

- Neptune Axial Tilt 28.3 degrees is the master value in this equation because Neptune reflected Jupiter energy toward the solar inner planets
- Neptune Axial Tilt 28.3 degrees will be contracted with the rate 1.0725 to produce 26.7 degrees (Saturn Axial Tilt) (and that may explain why Neptune orbital distance = Saturn Orbital Distance x  $\pi$ ) ....then
- Saturn Axial Tilt 26.7 degrees will be contracted by the same rate (1.0725) to produce 25.2 degrees (Mars Axial Tilt) (that may explain Why Mars Orbital Circumference = Saturn Orbital Distance=1433.5 mkm)

Then

- Mars Axial Tilt 25.2 degrees will be contracted (1.0725) to produce 23.4 degrees (Earth Axial Tilt) (that explain Why Earth Orbital Distance = Earth Mars Distance x Mars Orbital Inclination)

For Relativistic Effects Discussion Please Review

(Relativistic Effects Discussion)

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

**Equation No. (5)**

**175.94 days (Mercury Day Period) x  $(2\pi)^2 = 6939.75$  days (Metonic Cycle)**

This equation tells us that there's a deep relationship between Mercury Day and Metonic Cycle

The rate  $2\pi$  is so important rate – it tells that both cycles are seen in distances form -

I wish we remember that

6939.75 seconds x 0.3 mkm/sec = 2088mkm (Jupiter Uranus Distance)

i.e

Light travels from Jupiter to Uranus during 6939.75 seconds

The moon rotates Metonic Cycle based on this motion – and now we see that there's some relationship between Mercury Day and Metonic Cycle – that explains to us how the moon receives the light motion energy – he receives it through Mercury and that explains how Mercury change 88000km to 176000 km in the moon motion

**Equation No. (6)**

**Mercury Rotation Period 1407.6 hours x  $\pi^2 = 2 \times 6939.75$  hours**

This equation may help us much better... 1407.5 hours = 58.66 days = Mercury rotation period – here this same period effects again on Metonic Cycle but used it as hours and not as days! How to understand that?

We know this information let's review it here again:

- The Solar System Is Created Based On Light Motion For 1 second Which Causes The Planets To Move 1 solar Day

i.e.

- Light moves one second and the solar system uses the result distance in different cycles to transform this 1 second into 1 solar day – so there's a cycle transform 1 second into 1 minute and another to 1 hour then to 1 day....etc so these rate of time are created based on geometrical interaction and cooperation between the planets – that's why we see the cycles in different unit... the main point here is the distance because based on it the different units are created...

**Conclusion**

There's a relationship between Uranus and Mercury which enable Uranus to double the moon daily displacement (88000 km) to be (176000 km) -



## 4-2 Uranus Mercury Relationship

### I-Data

(7)

30589 days (Uranus Orbital Period) = 88 x 346.6 days (nodal year) +88 days (Mercury orbital period)

(8)

1.44 degrees<sup>2</sup> =1.8 deg. (Neptune orbital inclination) x 0.8 deg. (Neptune orbital inclination)

### I-Discussion

#### Equation No. (7)

**30589 days (Uranus Orbital Period) = 88 x 346.6 days (nodal year) +88 days (Mercury orbital period)**

The equation is clear – Uranus orbital period depends on the nodal year (346.6 days) and Mercury orbital period 88 days

We have seen that Mercury effect on Earth Moon Orbit- and here we see that this effect comes basically from Uranus –

We have suggested that

Uranus and Saturn Relationship causes Mercury Day to be =2 Mercury Orbital Period

And now we see one of these effects on Mercury Data ...

I wish we see that the connection between Mercury and Uranus depends on the moon orbit motion ..

And if we need to take more deep vision ...let's see the following equation

#### Additional equation (b)

30589 days (Uranus Orbital Period) =27.3 days (The Moon Orbital Period) x 1120

Where **1120** =  $\pi^2$  x 113.45 (where 23.45 deg Earth axial tilt +90 deg =113.45 deg)

Also and more important

97.8 seconds x 1.16 mkm/sec (Light Supposed Velocity) =113.45 mkm

We know that 113.45 mkm= 113.45 degrees

And also

97.8 degrees = Uranus axial tilt but in this equation this value is used in time units (97.8 seconds) –

The geometrical mechanism still hard to grasp – but simply the data shows clearly that there's a geometrical reason behind this data creation...

### Research Hypotheses

*Hypothesis No.1:* Solar System is One building (or one machine) and each planet is a part of this same building.

*Hypothesis No.2:* Solar System moves as a train. i.e. A train moves with its carriages together, similar to that – Solar Planets move together as one train in one unified motion i.e. No Planet moves individually or independently from other planets motions (I call this idea "**The Train Motion Concept**")

*Hypothesis No.3:* Planet motion for 1 solar day depends on energy of light motion for 1 second period – that means – Planet moves following light motion – i.e. – Planet motion shows double motions – (1<sup>st</sup>) Light Motion (2<sup>nd</sup>) Its Follower Planet Motion

*Hypothesis No.4:* Solar System Unified Motion depends On Solar Day Period

*Hypothesis No.5:* Matter Creation process depends on solar day period of time – that means – Matter creation process depends

### Solar System Unified Motion

Solar System moves per solar day a distance 1433.5 mkm = (Saturn Orbital Distance)  
i.e.

1433.5 mkm = Solar Day Motion Distance (One Solar Day)

2872.5 mkm = 2 Solar Days Motion Distance (2 Solar Days)

As we have discussed before

Solar system needs 2 solar days of motions to produce the solar system geometrical structure

### 4-3 Uranus Saturn Relationship

#### I-Data

(8)

2.5 degrees (Saturn orbital inclination) x 08 degrees (Uranus Orbital Inclination)=2

(9)

Uranus Orbital Distance =2 Saturn Orbital Distance

(10)

97.8 degrees (Uranus Axial Tilt) = 26.7 degrees (Saturn Axial Tilt) x **3.66**

(11)

(Earth diameter / Moon diameter) =3.66

also

(The Sun Diameter/ Earth Moon Distance At Total Solar Eclipse) =3.66

Also

(Earth orbital period /moon orbital period) = (3.66)<sup>2</sup>

#### I-Discussion

##### Equations (8) & (9)

It tells us how the double value is found – simply – Why Uranus orbital distance =2 Saturn orbital distances ? because their orbital inclinations define their distances with the rate 2 relative to each other

##### Equations (10) & (11)

They tell that – the rate 3.66 controls many days between Earth, Moon and the sun herself – for example (The Sun Diameter / Saturn Circumference) =3.66 = (Jupiter Circumference / Saturn Diameter) =3.66

Many other data can be added here to show how this important rate effect on the solar system geometry

Let's remember our question

Why Mercury Day Period = 2 Mercury Orbital Period = 3 Mercury Rotation Period?

#### Do we solve it yet?

Not completely – we need more wide discussion to see much let's do it in another paper – because we already have a heavy discussion here

Thanks for reading

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