

## The Moon Creation And Motion (V)

### The Author

**Mr. Gerges Francis Tawdrous**

A Student–Physics Department- Physics & Mathematics Faculty –

Peoples' Friendship University of Russia (RUDN University) – **Moscow – Russia**

Phone +201022532292

E-Mail: [mrwaheid@gmail.com](mailto:mrwaheid@gmail.com)

Curriculum Vitae <http://vixra.org/abs/1902.0044>

### Authorized To Be Used By

**Dr. Budochkina, Svetlana Aleksandrovna**

Associate Professor (Mathematical Analysis and Theory of Functions Department)

Peoples' Friendship University of Russia (RUDN University) – **Moscow – Russia**

Phone +7 (495) 952-35-83

E-Mail: [budochkina-sa@rudn.ru](mailto:budochkina-sa@rudn.ru), [sbudotchkina@yandex.ru](mailto:sbudotchkina@yandex.ru)

Website

<http://web-local.rudn.ru/web-local/prep/rj/index.php?id=2944&p=19024>

**The Assumption Of S. Virgin Mary -Written in Cairo – Egypt – 4<sup>th</sup> May April 2020**

### Abstract

We complete our discussion in previous paper

The Moon Creation And Motion (IV)

<https://vixra.org/abs/2005.0045>

Let's summarize that paper conclusion here

- Mars original orbital distance was (84 mkm) and Mars had migrated from it to its new orbital distance (227.9mkm). Though Mars Motion from (84 mkm) to (227.9mkm) Mars had collided with Venus at first and Earth at second – and from these collisions debris the Moon is Created (we discuss the Earth moon creation – and I refer to no any other moon in the paper)
- So the moon is created from these collisions debris ....but
- As we have argued in that paper – The Moon Diameter is created based on some geometrical calculations and not by any random process – how the moon which is created from the collisions debris can have a diameter created based on geometrical calculation?!
- That paper solved this question and told that – the moon basic property its mass (as Newton told us) and because the moon mass was created relative to Jupiter mass – based on specific geometrical rules that enable the moon to have a diameter defined geometrically....
- The idea here is clear – because the moon density should be forced because the moon is created from the 3 planets rocks (Mars- Venus – Earth) and that create specific obligatory density and if the moon mass is created relative to Jupiter mass based geometrical rules (as we have discussed deeply in that paper) – so the moon diameter must be an obligatory value (3475 km) and this value is created based on geometrical rules because Jupiter /Moon Masses rate is defined based on geometrical rules....
- Then the next question was .... Why Jupiter should define the Moon mass? If it's the Earth Moon why its mass is defined by Jupiter?!
- For this question we had 2 answers – **First** because of Jupiter effect on the inner planets – And I claimed that the inner planets are created by Jupiter Energy! and

the second reason was the basic reason behind the geometrical definition of Jupiter mass relative to the Earth Moon mass – please review this reason in that paper because it has a wide details...

But

- The argument can't be finished here – because we have at least 2 more basic questions let's write them in following...
- **First Question Is** .... Why the Earth mass is not seen in any of the moon data? If it's the Earth Moon and it's created by the Earth attraction for the collisions debris why the Earth mass can't be seen in any of the moon data?!!
- **Second Question Is** .....now I have claimed that Jupiter created the inner planets orbital circumference... So .... **Why Earth mass should be  $5.97 \times 10^{24}$  kg?**

i.e. Why Jupiter / Earth Masses rate should be =**318**?

If we could explain Why Jupiter /Moon masses rate =25920 based on the geometrical rules?! May be there are also more geometrical reasons to create Earth mass with a rate 318 relative to Jupiter Mass

Shortly...

The question was why the Earth moon mass is defined relative to Jupiter? And the answer was .... Not just the moon mass but all the inner planets masses are created relative to Jupiter! All inner planets data are created relative to Jupiter – just the Earth Moon is created after the inner planets were created and because of that we can see clearly that its mass is defined based on Jupiter mass! But the moon is just similar to any other inner planet .... That the answer ... and so the next question should be ... prove this idea.... For example the rate between Jupiter and Earth masses is 318 – So the question had the Earth mass to be with this rate 318? i.e. had Earth any more options to choose any other value for its mass? The answer is NO Why? because Jupiter created all the inner planets data and Earth had to followed Jupiter instructions....!

This paper will be a typical as the previous one – in the paper introduction – again we review Mars Migration Theory (sorry for repeat) but all arguments try to prove this theory and I have to provide it before each discussion – I use the planets data to prove that Mars had migrated from its original orbital distance (84 mkm) to its new one (227.9 mkm) and because we analyze different data I have to provide the theory to be as reference....

## 1- Introduction

### Mars Migration Theory Revision:

- Mars original orbital distance was 84 mkm. and Mars had migrated to 227.9 mkm
- Through Mars Motion from 84 mkm to 227.9 mkm, Mars had collided with Venus and then Mars had collided with Earth also.
- From the Collisions debris The Earth Moon was created –and Mars had found its moons. And the rest debris had attracted by Jupiter and created **The Asteroid Belt**

**The Giant-Impact Hypothesis** is in consistency with **Mars migration theory**

**But** Instead of the (Supposed Planet) **Theia**, Mars itself made the collisions.

**Mars migration Theory** solves The **Giant-Impact Hypothesis difficulties**:

- I. **Why Venus has No Moon?** – Because Mars had migrated and moved from 84 mkm to 227.9 mkm and pushed all debris in its motion direction – **far from Venus** – So Venus had found no debris around to create its own Moon - But Earth has a greater Mass and the debris lost their motion high momentum at Earth Position– so Earth could attract some debris and create its moon
  - II. **The Lunar Magma Ocean (LMO) Origin– is Venus** – because the moon is created by 3 planets debris (Venus – Earth – Mars) – So their rocks are found in it
  - III. **Why The Iron Oxide (Feo) of the Moon= (13%)? Because** The rate (13%) is a middle between Mars rate (18%) and the terrestrial mantle (8%).
  - IV. **Why Mars diameter (and Mass) are decreased through the history? Because** of the collisions – Mars diameter lost around ( 4.1 %) (And Mars mass also which causes difficulties for Mars gravitation equation)
  - V. **Mars migration** is done **Because of The Sun Creation Process**
  - VI. Is there a possibility that Mars will return to its original point (84 mkm)? **Yes**
  - VII. **Why?** Because the Planet orbital distance is defined relative to its diameter (and Mass) Mars now is in **the wrong Position**- but forced to it because of the sun effect
- Conclusion** The Giant-impact hypothesis supports Mars migration Theory

### NOTE Please

- VIII. **Mars Had A Life When It Was In Its Original Orbital Distance Before The Sun Creation – But Mars Lost This Life Because Of Its Migration And That Explain Why There's Many Features Of Ancient Life Found On Mars**

Now Let's provide a list concerning the changes happened in the solar system as result of the sun creation in following...

### Before The Sun Creation

The Solar Planets Order Was As Following

- Mercury (where Pluto was The Mercury Moon) – then Mars –then Venus – Then Earth- The Uranus – Then Neptune – Then Jupiter –
- The orbital distances of Mercury – Venus – Earth - aren't changed.

### **The Solar System Before Sun Creation**

- Mercury Axial Tilt was 1 degree
- Mercury Day Period was 176 Solar Days
- Venus Axial Tilt was 1.774 degrees ( $= \pi^{1/2}$  degrees)
- Mars Orbital Distance was 84 mkm
- Pluto was The Mercury Moon

### **Saturn Was Created After The Sun Creation**

### **The Solar System After The Sun Creation**

- Mercury Axial Tilt becomes 0.01 degree
- Venus Axial Tilt received The lost value (from 1 to 0.01) – to save the inner planets energy – So Venus axial tilt changed from 1.774 deg to 177.4 deg
- Pluto had to move far from Mercury – with a distance = 57.9 mkm (Mercury orbital distance) for each point (from 1 degrees to 0.01 degrees) –that forced Pluto to move far from Mercury with a distance =(100 x 57.9 mkm) = 5906 mkm Pluto orbital distance
- **Mars had migrated from (84 mkm) to (227.9 mkm)**
- As a result of Mars Migration the Earth Moon was created.
- Mercury Day was decreased by 84 minutes =5040 seconds
- The inner Planets changes are recorded with Uranus Data
- Uranus hold the solar system to prevent its destruction-
- Uranus depended on Earth basically and Venus to save the solar system.
- Uranus caused Saturn to be created to help the solar system rescue.
- Saturn & Jupiter unified their power to save the solar system.
- Uranus & Earth Connection is the first basic connection to save the solar system and the next one is the relationship between Venus and Saturn.
- The Cycle 2737 years is a real cycle found to record the events.
- The planets data analysis shows that Uranus effects vertically on the solar system – and Uranus by this effect prevent any overturn motion can be done by any planet and by that Uranus help to unify the planets general motion around the sun.
- Uranus Data Analysis shows that – there's a perpendicularity in the solar system motion – based on that we conclude – "The is on vertical line relative to Uranus – means – There's 180 degrees between the sun and Uranus on the vertical level.

### **Paper Contents**

#### **2- Earth Mass Analysis**

#### **3- Mars Migration Theory Proves Revision**

## 2- Earth Mass Analysis

2-1 Question No. 1 (Why Earth Mass Isn't Seen In Any Of Its Moon Data?)

2-2 Question No. 2 (Why Jupiter /Earth Masses Rate should be 318?)

### 2-1 Question No. 1 (Why Earth Mass Isn't Seen In Any Of Its Moon Data?)

#### I- Data

(1)

Venus Mass /Earth Mass = 0.815

But Earth Mass / its Moon Mass =81.5

(2)

$1.774 \times 100 = 177.4$  (where 177.4 degrees = Venus Axial Tilt)

(3)

108.2 mkm (Venus orbital distance) = 149.6 mkm (earth orbital distance) x 0.384

(4)

19 degrees = 3.02 degrees x  $2\pi$

(remember  $1.44 = 1.8 \times 0.8$ )

(5)

But

0.8 is very near to 0.815 (error 2%)

177.4 deg (Venus Axial Tilt) + 3.4 deg (Venus orbital inclination) =180.8 deg.

(6)

406000 km (Earth Moon Distance at apogee) = 3475 (moon diameter) x **116.75**

(7)

177.4 degrees = 6.7 deg (the moon axial tilt) x 26.7 deg (Saturn Axial Tilt) (1%)

(8)

Venus Diameter = the moon diameter x 3.4

(Where 3.4 deg = Venus orbital inclination (error 2.5%))

(9)

Venus Diameter x the moon diameter =41.4 mkm (Venus Earth Distance)

#### II- Discussion

##### Again

### Question No. 1 (Why Earth Mass Isn't Seen In Any Of Its Moon Data?)

#### Shortly

Because Earth Mass is seen with Venus Mass (together) in one effect on the moon creation –

In more clear words

Earth & Venus are connected together in one relationship and this relationship effect on the moon creation – so Earth Mass Is Seen In Its Moon Creation Data by the relationship between Earth and Venus...

This explanation still complex to be explained let's move step by step....

- We know that Jupiter is the master and Jupiter defined the moon mass value based on geometrical rules- Jupiter uses the Earth to practice this effect – that means – the Earth is the representative of Jupiter and the Bridge by which Jupiter force the moon to have specific Value of Mass...

Let's extend the vision...

- Venus is the Uranus Representative.... Means – Uranus Effect on the Earth Moon Creation is seen by Venus – we have discussed it in the previous paper which was a wide discussion please review

And here The Effect By Agency!

- Jupiter effect is seen by Earth and Uranus Effect is seen by Venus – now the relationship between Earth and Venus defines the Earth moon data...

But

- **Please Notice (1<sup>st</sup>)**
- **Uranus** – is perpendicular on the inner planets – Uranus works on a vertical axis basically – and Uranus basic job in the solar system is to practice an effect on the planets axial tilts (vertically)- Why? because Uranus by this effect prevents any overturning motion can be done by any planet- and because of Uranus effect – no any overturning motion is found around the sun which help the general motion unification....
- **And (2<sup>nd</sup>)**
- **Jupiter** is the inner planets energy source – Simply they live on Jupiter energy – and Jupiter works horizontally – **AND** – very important – Jupiter prevents Uranus effect on the horizontal level – Jupiter does that to save the energy inside the inner planets orbits (specifically to save the energy inside the Earth moon orbit) – that means – Because of Jupiter no effect of Uranus can be seen on the horizontal level – that's why Uranus uses Venus to do this job AND Still Uranus own effect can be seen on the Vertical level....

Almost this is the story which is told by the data – and shortly-

Venus keeps the moon in its orbit around Earth – let's try to explain the previous data in following...

### **Equation No. (1)**

**Venus Mass /Earth Mass = 0.815      But Earth Mass / its Moon Mass =81.5**

### **Equation No. (2)**

**1.774 x 100 = 177.4 (where 177.4 degrees = Venus Axial Tilt)**

Equation 1 & 2 tells that the moon mass is defined based on some rate (100) relative to Earth and Venus Masses –

The rate 100 we have discussed before – when I have claimed that – Mercury ancient axial tilt was 1 degree before the sun creation and became 0.01 degree after

Jupiter wanted to save the inner planets energy and because of that the difference from 1 to 0.01 which is lost from Mercury is given to Venus

So Venus axial tilt was 1.774 degrees and became 177.4 degrees

This process is done by Jupiter basically because:

Jupiter diameter = 1 million km / 7

Where 7 degrees = Mercury orbital inclination and 1 mkm = 1 degree because  
Mercury orbital circumference = 360 mkm = 360 degrees –

Where Ancient Mercury Axial Tilt = 1 degree

That means

Jupiter diameter is created based on Mercury Ancient Axial Tilt (1 deg) and because  
of that – any change for this axial tilt can't be so wide effect otherwise Jupiter itself  
will get some damage....

That's why Jupiter provides Venus the lost rate (100) – and this rate is used by Venus  
and Earth to define the moon mass

### Equation No. (3)

**108.2 mkm<sup>2</sup> (Venus orbital distance) = 149.6 mkm (earth orbital distance) x 0.384**

This equation we have seen from many years ago

0.384 mkm = The Moon Orbital Distance

Equation No. 2 tells that – the moon orbital distance is defined based on Venus and  
Earth orbital distance – the Equation tells simply that – Venus keeps the moon in the  
orbit around Earth

But....

Is it clear ??

108.2 mkm = Venus Orbital Distance – but what's **108.2 mkm<sup>2</sup> (Area)...!**

The rectangle whose length = 108.2 mkm and breadth = 1 mkm produces this value

Means

Venus Orbital Distance is an area in fact but we see in a distance simply

Any what what's this breadth 1mkm?

### The Moon Orbital Diameter

Venus keeps the moon around Earth in an orbit its radius = 0.5 million km and its  
diameter = 1 million km – but the moon motion doesn't reach to that – but limited only  
to the most far point from Earth which is 406000 km – the rest distance = 94000 km  
for each radius – this distance is found as the moon motion boundaries –

### Equation No. (4)

**19 degrees = 3.02 degrees x 2π (remember 1.44 = 1.8 x 0.8)**

3.02 mkm / day = Venus Velocity Per Solar Day

19 degrees = The moon orbit regresses yearly 19 degrees – this regression causes  
Metonic Cycle which the moon rotates –

Now this Equation tells us that – Metonic Cycle is found because of Venus Effect on  
the moon motion – please remember that – Venus is the Uranus representative and  
that tells us – Uranus causes Metonic Cycle in the moon motion but this effect is  
found through Venus – for that reason – Metonic Cycle Data is relative to Uranus  
Data perfectly – (a revision for Metonic data is in appendix no. (1) page no. 16)

### Equation No. (5)

But ...0.8 is very near to 0.815 (error 2%)

**177.4 deg (Venus Axial Tilt) + 3.4 deg (Venus orbital inclination) =180.8 deg.**

Equation (5) tells that the rate 0.815 may be depend on Uranus orbital inclination – but because the error is 2% we can't reach to how that can be possible

Any way the equation

**177.4 deg (Venus Axial Tilt) + 3.4 deg (Venus orbital inclination) =180.8 deg.**

We have discussed in the previous paper –

Where 0.8 degrees (Uranus orbital inclination) is used here as  $180+0.8= 180.8$  deg...

This equation is discussed deeply in that paper

### **Equation No. (6)**

406000 km (Earth Moon Distance at apogee) = 3475 (moon diameter) x **116.75**

Where

116.75 days = Venus Day Period

Also (Saturn Mass / Venus Mass) =116.75

That tells the value 116.7 is almost related to Venus Data

Equation No. 6 shows clearly that Venus effected on the moon orbit clearly – that support the discussion of Equation No. ( 3)

### **Equation No. (7)**

177.4 degrees = 6.7 deg (the moon axial tilt) x 26.7 deg (Saturn Axial Tilt) (1%)

This equation shows the deep relationship between Venus and Saturn which we have discussed before – any way – this specific relationship almost depended on the moon creation data – as the equation shows perfectly

That explain why Saturn Circumference = Earth Moon Distance at the total solar eclipse (378000 km)

### **Note Please**

Saturn is created after the moon creation – that explain how the previous data is created

For more details please review

#### **The Earth Moon is Older Than Saturn**

<https://vixra.org/abs/2004.0573>

#### **The Earth Moon is Older Than Saturn (II)**

<https://vixra.org/abs/2004.0610>

### **Equation No. (8)**

**Venus Diameter = The Moon Diameter x 3.4**

(Where 3.4 deg = Venus orbital inclination (error 2.5%))

The previous equation shows the great effect of Venus relationship with The Moon

### **Equation No. (9)**

**Venus Diameter x the moon diameter =41.4 mkm (Venus Earth Distance)**

Also this equation shows that Venus. Earth and the moon data are related to each other

## 2-2 Question No. 2 (Why Jupiter /Earth Masses Rate should be 318?)

### I- Data

(A)

$$318 = 23.6 \times 13.47$$

(B)

$$318 = 101.1 \times \pi$$

(C)

$$318 = 2.58 \times 123.5$$

(D)

$$930 \text{ mkm} = 318 \times 2.92$$

$$\text{and } 2090 \text{ mkm} / 227.9 \text{ mkm} = 2.92 \pi$$

### II- Discussion

#### Equation No. (A)

$$318 = 23.6 \text{ degrees (The Outer Planets Orbital Inclinations Total)} \times 13.47$$

We try to know why this rate 318 is specific one....

$$13.47 = (3.66)^2 = (\text{Earth Orbital Period } 365.25 / \text{The Moon Orbital Period})$$

But

$$(3.66) = \text{Earth Diameter} / \text{Moon Diameter}$$

**23.6 deg.** (The Outer Planets Orbital Inclinations Total)  $\times 0.99 = 23.4 \text{ deg}$  (earth axial tilt)

**17.4 deg.** (The inner Planets Orbital Inclinations Total)  $\times 0.99 = 17.2 \text{ deg}$  (Pluto orbital inclination)

$$(180 \text{ degrees} / 2\pi) = 28.66 \text{ deg} \times 0.99 = 28.3 \text{ deg. (Neptune Axial Tilt)}$$

The previous data shows that

- The Rate 318 May Be Specific For Earth Data
- Earth and Pluto have a strong relationship

#### Equation No. (B)

$$318 = 101.1 \times \pi$$

Where (Pluto Orbital Distance / Mercury Orbital Distance) = 101

#### Equation No. (C)

$$318 \text{ mkm} = 2.58 \text{ mkm/day} \times 123.5 \text{ days}$$

Earth moves during 123.5 days a distance = 318 mkm

$$123.5 \text{ degrees} = 122.5 \text{ deg. (Pluto Axial Tilt)} + 1 \text{ deg. (Mercury Ancient Axial Tilt)}$$

Equation C tells that the rate 318 is found between Earth and Jupiter masses because of some specific relationship between Earth and Pluto – the data shows only Pluto Data clearly and strongly.... This has a significance because Jupiter energy is related

to Pluto point and that tells us Earth was effective on the original energy by which the solar system was created....

Earth effect on the original energy still needs analysis but – there's something very specific between Earth and Pluto – we may remember that – Pluto was the Mercury moon and migrated after the sun creation – the point 5906 mkm was occupied by Neptune in that time – but Pluto had collided with Neptune and occupied its point – that explains why Titus Bode law could predict perfectly Pluto orbital distance – because it's Neptune Point which was defined geometrically – but Pluto occupied it – Neptune orbital distance can't be defined by Titus Bode laws because Neptune point was not defined geometrically in the solar system – Pluto had pushed Neptune out of its area and leave it out – that explains why Pluto Neptune Distance = Pluto Eccentricity Distance

Now this story has more significance because of Earth effect on the solar system original energy –

Any way the equation No. (C) gives no more details we need more analysis to know what's happened here

### **Equation No. (D)**

$$930 \text{ mkm} = 318 \times 2.92 \qquad \text{and } 2090 \text{ mkm} / 227.9 \text{ mkm} = 2.92 \pi$$

930 mkm = Earth Jupiter Distance when both be on different sides from the sun

We still ask why the rate 318 is so specific for Earth Data?

We know that Earth orbital circumference is defined based on Earth Jupiter distance (930 mkm)

That means

Equation No. (d) defines Earth Orbital Circumference

But what is 2.92?

- Earth moves during a lunar synodic month (29.53 days) = 29.2 degrees
  - The moon moves during a lunar synodic month (29.53 d) = 29.2 deg+360 deg
  - 2.58 mkm (Earth daily motion) = 29.2 x (88000km) the moon daily displacement
- i.e.

29.2 degrees almost control the Earth and Moon Motion – where we should accept that Earth and moon move in one unified motion because they aren't separated from each other - that means – the value 29.2 expresses the unified motion between Earth and Moon

### **Conclusion**

318 is a rate produced based on earth relationship with the moon – that means – Earth Mass may be changed or modified to be suitable for the moon mass

Also

$$2090 \text{ mkm (Jupiter Uranus Distance)} / 227.9 \text{ mkm (Mars orbital distance)} = 2.92\pi$$

This equation tells that the rate 29.2 still effect on more geometrical player – means it came from out (from Uranus & Jupiter) and not created by Earth and the Moon.

### 3- Mars Migration Theory (Proves)

(1<sup>st</sup> proof) The Giant –Impact Hypothesis (The Geological Proves)

(2<sup>nd</sup> proof) The Planets Order Analysis

(3<sup>rd</sup> proof) Mars migration Results

a- The Earth Moon Creation

b- Mars Moons Creation

c- Mars Diameter (and Mass) decreasing

d- The Asteroid Belt Creation

(4<sup>th</sup> proof) Planet Effect On Its Neighbor

(5<sup>th</sup> proof) Mar migration Motion Direction

### (1<sup>st</sup> proof) The Giant –Impact Hypothesis (The Geological proves)

As the paper abstract shows how Mars theory is in consistency with The Giant-Impact hypothesis – also Mars migration theory answers many basic questions face the giant –impact hypothesis –as we have discussed–

#### Why Venus has no moon?

because Mars Motion was from the point (84 mkm) to (227.9 mkm)– so the direction of Motion is defined - and Mars Motion pushed all debris to move with Mars that made a wave pushed all debris far from Venus – So Venus Couldn't create a moon for it. then these debris lost their high motions momentum when reach to Earth position and because Earth mass is greater than Venus – Earth could attracted some debris and created from them its moon –

Mars Moons supports this description because Mars with small mass could attracted 2 moons – How?

Because the debris high momentum is lost already, and its motion became so weak even Mars could attracted its moons –

Also the rest debris was attracted by Jupiter and created The Asteroid Belt.

Please review The Giant –Impact Hypothesis -

The Lunar Magma Ocean (LMO) Origin– is Venus –

This solution is so important, it solves a serious difficulty – as explained before

Now the question is why Mars had migrated when the sun is created? we have to discuss that later...

#### Why Mars original orbital distance was 84 mkm?

Because the planet orbital distance depends on its diameter and mass – but the order is disturbed by Mars migration and we don't see it now – the planets order analysis we should discuss in the following point...

## **(2<sup>nd</sup> proof) The Planets Order Analysis**

Mars migration theory is born basically based on the planets order analysis

*(Mercury – Venus – Earth)*

This order of planets shows an order in planets diameters, masses and orbital distance – the order rule is

### **A Greater Diameter Or Mass Needs A Greater Orbital Distance**

If this order controls all planets so Mars should be the second planet after Mercury –  
But –

*(Jupiter – Saturn – Uranus – Neptune – Pluto)*

the outer planets order shows that the rule depends on planet diameter (and not mass because Uranus Diameter is greater than Neptune but less Mass) and the rule is reversed from the previous one

i.e.

### **A Greater Diameter Needs A Shorter Orbital Distance –**

This analysis refers to that Mars may be found in a wrong position in the planets order and this wrong position causes a disturbance for the planets order – based on this analysis Mars migration theory can be concluded ... to get **the correct answer** we need to know if **There's A Real Relationship Between Planet Diameter And Orbital Distance.** –

**(3<sup>rd</sup> proof) Mars migration Results**

- a- The Earth Moon Creation
- b- Mars Moons Creation
- c- The Asteroid Belt Creation
- d- Mars diameter Decreasing (4.1%)
- e- Mars Mass Decreasing (4.1%)

Simply we have a reason to answer Why Venus has no moon but Mars (mass =1/13) has 2 moons?!

The fact shows itself clearly – there were no debris around Venus to create a moon! But Mars had!? Why? because of the Motion Direction

Mars had moved from the Point (84 mkm) to the point (227.9 mkm) from the sun and pushed all debris with it in the same motion direction – so no debris left around Venus – because all debris had moved with Mars in its Motion Direction

Now if we practice such event – what expectation we may conclude?

Mars Diameter (and Mass) must be decreased

i.e.

Mars Diameter (and Mass) must be decreased than their values when Mars was in its original orbital distance (84 mkm)

**Can this conclusion be proved?**

The gravitation Equation works only with Saturn and Jupiter Masses – where

$$\frac{(\text{Saturn orbital distance})^2}{(\text{Jupiter orbital distance})^2} = \frac{\text{Jupiter Mass}}{\text{Satrun Mass}} = 3.4$$

**If Mars Mass is increased by 4.1% the gravitation equation can work**

$$\frac{(\text{Mercury orbital distance } 57.9 \text{ mkm})^2}{(\text{Mars original orbital distance } 84 \text{ mkm})^2} = \frac{\text{Mars Mass } 0.668}{\text{Mercury Mass } 0.33}$$

(Equation Error 3.4%)

**Question (1)**

**Why don't all planets follow the gravitation equation?!**

Because of Mars migration which caused disturbance for the planets order

**Question (2)**

Is there any proof that Mars Diameter is decreased by the same rate (4.1%) **Yes**

Mercury orbital distance 57.9 mkm = Mercury Diameter 4879 km x 10<sup>9</sup>

Earth orbital distance 149.6 mkm = Earth Diameter 12756 km x 10<sup>9</sup>

Satrun orbital distance 1433.5 mkm = Satrun Diameter 120536 km x 10<sup>9</sup>

Mars (org) orbital distance 84 mkm = Mars (org) Diameter 7070km x 10<sup>9</sup>

**(Mars Diameter 7070 km is increased than the Mars registered diameter 6792 km with 4.1%)**

#### (4<sup>th</sup> proof) Planet Effect On Its Neighbor

Let's summarize the idea in following...

- I claim each planet effect on its neighbor planet data and motion
- I provide data shows such effect (for example Earth effects on Mars Motion)

So

- If we have found data claiming that – Mars Motion is effected by Mercury Data – so this data may refer to that – Mars was a neighbor of Mercury

#### I- Data

(1)

$$687 \text{ days (Mars orbital period)} = 365.25 \text{ days (Earth orbital period)} \quad \times 1.9$$

$$687 \text{ days (Mars orbital period)} = 27.3 \text{ days (The moon orbital period)} \quad \times 25.2$$

But 25.2 degrees = Mars axial tilt and 1.9 degrees = Mars orbital inclination

$$\text{Also } 25.2 \text{ deg (Mars axial tilt and)} = (1.9 \text{ deg. Mars orbital inclination}) \times 13.18 \text{ deg.}$$

Where

The moon motion degrees daily = 13.18 degrees

We should not limit our discussion for just Data consistency – let's see its depth

Because

Mars moves per solar day = 0.524 degrees (=360 degrees /687 days)

The value 0.524 degrees = (1/1.9) where 1.9 degrees = Mars orbital inclination

i.e.

Mars Data (25.2, 1.9, 0.524 ...etc) depends on the solar day period of time

(2)

$$4331 \text{ days (Jupiter orbital period)} = 687 \text{ days (Mars orbital period)} \times 2 \pi$$

#### II-Discussion

The previous data shows that Earth and moon on one side and Jupiter on the other side all of them effect on Mars orbital period (i.e. effect on Mars Motion)

#### More Data

#### Equation No. (1)

$$\left( \frac{\text{Mercury Diameter}}{\text{Mars Diameter}} \right)^2 = \frac{\text{Mars Mass}}{\text{Mercury Mass}} = 0.524$$

#### Equation No. (2)

$$\frac{\text{Mars Orbital Period 687 days}}{\text{Mercury Day 175.94 days}} = \frac{\text{Mars Orbital Distance 227.9 mkm}}{\text{Mercury Orbital Distance 57.9 mkm}} = 3.93$$

#### Equation No. (3)

$$\frac{\text{Mars Day 24.7 hours}}{\text{Earth Day 24 hours}} = \frac{\text{Earth Orbital Period 365.25 days}}{\text{Moon Synodic Year 354.36 days}} = 1.029$$

#### Equation No. (5)

$$7 \text{ deg. (Mercury Orbital Inclination)} = 1.9 \text{ deg. (Mars Orbital Inclination)} + 5.1 \text{ deg. (Earth Moon Orbital Inclination)}$$

**(5<sup>th</sup> proof) Mar migration Motion Direction**

Let's summarize the idea in following

- The solar system has one defined motion which is the planets revolution around the sun
- Mars Motion from (84 mkm) to (227.9 mkm) is a new direction of Motion is unknown in the solar system
- In this point I refer to another motion started from Jupiter to Pluto – and this motion is in the same direction of Mars migration Motion which makes Mars migration Motion is a defined motion in the solar system and not a unique one

Please review Jupiter Data Analysis in my previous paper

Please review

The Sun Creation Reason And Effect (II)

<https://vixra.org/abs/2004.0534>

The Earth is Older Than The Sun

<https://vixra.org/abs/2004.0553>

The Solar Planets Order Still Shows More Puzzles

<https://vixra.org/abs/2004.0086>

## Appendix No. (1)

### Metonic Cycle

#### I-Data

(a)

Light with known velocity during 6939.75 second (but Metonic Cycle =6939.75 days) travels from Jupiter to Uranus (2090 mkm)

(b)

$$6939.75 = 71 \times 97.8$$

(c)

6939.75 days = 58.66 days Mercury rotation period x 118.3 degrees (Neptune axial tilt at vertical)

(d)

6939.75 days = 243 days (Venus rotation period) x 28.6363 degrees (Neptune axial tilt)

(e)

97.8 Uranus axial tilt x 1.8 Neptune orbital inclination = 175.94 (Mercury day)

(f)

$$(97.8)^2 \times c \text{ velocity} = 2872.5 \text{ mkm (Uranus Orbital Distance)}$$

#### II-Discussion

Metonic Cycle Data is related to Uranus Distance basically – in different features – we have discussed that before

Let's remember the motion concept " **The Planet Motion For 1 Solar Day Depends On Light Motion For 1 Second**"

The concept works here perfectly – light passes Jupiter Uranus Distance (2090 mkm) in 6939.75 seconds and the moon Metonic Cycle is 6939.75 days

Now

Metonic Data shows Uranus behind frequently....

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

If 1 second = 1 degree so 97.8 deg = Uranus Axial Tilt

Also

71 is the contraction rate we have discussed frequently where  $(71^2 = 5041)$

For more discussion please review

Jupiter Uranus Distance (Metonic Cycle Reason) (revised)

<https://vixra.org/abs/1809.0043>

## References

The Earth Moon is Older Than Saturn <https://vixra.org/abs/2004.0573>  
The Earth is Older Than The Sun <https://vixra.org/abs/2004.0553>  
The Sun Creation Reason And Effect (II) <https://vixra.org/abs/2004.0534>  
Uranus Effect On Mars Migration <https://vixra.org/abs/2004.0421>

Can Titius Bode Law Disprove Mars Immigration Theory?

<https://vixra.org/abs/2004.0292>

Research Paper "The Solar Planets Order Still Shows More Puzzles"

<https://vixra.org/abs/2004.0086>

Lorentz Length Contraction (More Discussion) <https://vixra.org/abs/1911.0431>

***Dr. Budochkina, Svetlana Aleksandrovna***

***Associate professor - Candidate of physico-mathematical sciences (2005)***

Math.Net.Ru

<http://www.mathnet.ru/eng/person22119>

Google  
Scholar

[List of publications on Google Scholar](#)

ZentralMATH

[List of publications on ZentralBlatt](#)

MathSciNet

<https://mathscinet.ams.org/mathscinet/MRAuthorID/757317>

eLIBRARY.RU

[http://elibrary.ru/author\\_items.asp?spin=6087-3245](http://elibrary.ru/author_items.asp?spin=6087-3245)

ORCID

<http://orcid.org/0000-0003-3447-0425>

RESEARCHERID

<http://www.researcherid.com/rid/G-7453-2014>

Scopus

<http://www.scopus.com/authid/detail.url?authorId=6507007003>

ResearchGate

[https://www.researchgate.net/profile/Svetlana\\_Budochkina](https://www.researchgate.net/profile/Svetlana_Budochkina)

Full list of publications: <http://web-local.rudn.ru/web-local/prep/rj/index.php?id=2944&p=15209>

***Mr.Gerges Francis Tawdrous +201022532292***

***Physics Department- Physics & Mathematics Faculty***

***Gerges Francis Tawdrous +201022532292***

Curriculum Vitae <http://vixra.org/abs/1902.0044>

E-mail [mrwaheid@gmail.com](mailto:mrwaheid@gmail.com)

LinkedIn <https://eg.linkedin.com/in/gerges-francis-86a351a1>

Facebook <https://www.facebook.com>

Researcherid <https://publons.com/researcher/3510834/gerges-tawadrous/>

ORCID <https://orcid.org/0000-0002-1041-7147>

Quora <https://www.quora.com/profile/Gerges-F-Tawdrous>

Google <https://scholar.google.com/citations?user=2Y4ZdTUAAAJ&hl=en>

Academia <https://rudn.academia.edu/GergesTawadrous>

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