

Is The Earth Moon Diameter Created Based On Geometrical Calculations? Why?

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

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, 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 – 6th May April 2020

Abstract

This (hard) question we still try to answer with the discussion in the previous papers

The Moon Creation And Motion (IV)

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

The Moon Creation And Motion (V)

<https://vixra.org/abs/2005.0054>

The Moon Creation And Motion (VI)

<https://vixra.org/abs/2005.0063>

The paper provides a clear question let's consider it for a while

- The moon data shows that, the moon diameter is created based on geometrical calculations- We have seen many proves for this fact in that papers
- So –Why AND How? Should be the questions
- Why the moon diameter is created based on geometrical calculations? Because The Earth moon mass is created relative to Jupiter Mass! This proportionality between Jupiter Mass and the Earth Moon Mass causes the geometrical calculations! Such answer can be acceptable?!
- **(First)** Why does Jupiter Mass define the Earth Moon Mass?! and **(Second)** Why the proportionality between Jupiter and Earth Moon Masses causes the geometrical calculations?!
- **Jupiter** defines the Earth Moon mass because Jupiter is the inner planets Parent – means – Jupiter defines all inner planets masses and the Earth moon isn't different from the other inner planets! This is my answer! How to prove?
- **Why does the proportionality between Jupiter mass and the Earth Moon mass produce geometrical calculations?**
- Spite the idea is hard – it's clear in this abstract perfectly – So we need to move logically with it inside the paper step by step – (1st step) I provide data proves that the moon diameter is created based on geometrical calculation (2nd step) we will review the answer of the question why does Jupiter define the Earth Moon mass (this question we have answered in that papers) – (3rd step) we will try to understand why the proportionality between Jupiter and the moon masses can produce any geometrical calculations or rules (and this is the new part of discussion)

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 $= (100 \times 57.9 \text{ mkm}) = 5906 \text{ mkm}$ 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- The Revision for (Steps No. 1 & 2)

3- The Discussion of Step No. 3

4- Mars Migration Theory Proves Revision

2- The Revision of Steps (No. 1 &2)

2-1 The Moon Diameter Is Created Based On Geometrical Calculations (Revision)

2-2 Why Does Jupiter Define The Earth Moon Mass (revision)

2-1 The Earth Moon Diameter Is Created Based On Geometrical Calculations

We have discussed this idea frequently- let's remember examples of it

(1st Example)

The Sun Diameter /The Moon Diameter) = (Earth orbital distance/ Earth moon distance)

Because of this equation we see the sun disc = the moon disc

Why the diameters rate = the distances rate "Pure coincidences!"

(2nd Example)

(Earth Diameter / Moon Diameter)² = (Earth orbital period / Moon orbital period)

Why? (No geometrical reason just Pure coincidences)

(3rd Example)

The moon Circumference x Jupiter Circumference = Jupiter orbital Circumference

Why? (Pure coincidences)

(4th Example)

Saturn Circumference = Earth moon distance at total solar eclipse radius

Why? (Pure coincidences)

There are hundreds of such relationships concerning the moon diameter-

No thinking is available....no suggestions....!

For example – no one thinks that – Saturn is created after the Earth Moon Creation and the solar system data is created depending on each other because the solar system is one building and not separated planets – such suggestion gives some explanation for the data – but the secret word "**Pure Coincidence**" gives what?

The moon diameter still has more (very) specific data

Equation No. (1)

10921 km (the moon circumference) x 86400 seconds (a solar day) = 940 mkm (Earth orbital Circumference)

Equation No. 1 tells that – If Earth revolves around the sun a complete revolution in one solar day only the moon circumference will= a distance of its motion for **1 second**

Equation No. (2)

10921 km (the moon circumference) x 27.3 days =300000 km

Equation No. 2 tells that – If the moon rotates around its axis once daily (as Earth) – The moon will move during its orbital period a distance = light motion for **1 second**

(5th Example)

Earth Moon Distance (at perigee radius) = the outer planets diameters total

Earth Moon Distance (at apogee radius) = the solar planets diameters total

The distance between perigee and apogee = the inner planets diameters total = Earth Circumference ... (Pure coincidence claim is failed – a geometrical reason is behind)

For more details about the moon diameter (and data) please review

Earth Moon Orbit Triangle Analysis (Revised)

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

2-2 Why Does Jupiter Define The Earth Moon Mass (Revision)

Let's review the ideas sequence logic

- I claim that – the moon diameter is created based on geometrical calculations...
- Why??
- Because Jupiter Defines The Earth Moon Mass And This Proportionality Between Jupiter And The Moon Masses Creates The Geometrical Calculations....
- This answer has 2 parts
 - o (1st part) ... The Earth moon mass is defined by Jupiter Mass?!
 - o (2nd part) ... Why Jupiter & Earth Moon masses proportionality causes any geometrical calculations (or rules!)?

Please note

- Because the Earth Moon is created by Mars Collisions with Venus and Earth (as Mars Migration Theory claims) – so – the moon density should be defined before the moon creation because the moon is created from the 3 planets rocks so the density is somehow defined already – now if Jupiter Mass defines the Earth Moon Mass that makes Earth Moon diameter definition is obligatory – means – If the Jupiter and the Earth Moon Masses proportionality causes any geometrical calculations that produce automatically geometrical calculations related to the Earth Moon Diameter which we have seen some of them in the previous point.

Now let's return to our question – let's try with the (1st Part)

- **(1st Part) why does Jupiter mass define the Earth moon mass?!**
- This question we have answered in the 3 papers mentioned in the abstract –

Let's summarize the answer in following...

- Jupiter defines The Earth Moon Mass because – Jupiter is the inner planets **Parent** and Jupiter defines all inner planets masses – this fact is proved by (1st) Jupiter effect on the inner planets (a series of 6 papers) and (2nd) Jupiter Energy Analysis which is a subject discussed in tenths of my papers frequently. All data and discussions are available in that 3 mentioned papers –

so **The Conclusion** is:

- **Jupiter Is The Inner Planets Parent And Defines Their Masses Relative to Jupiter Mass!**

Based on this conclusion we have asked.... **Why Jupiter Mass / Earth Mass =318? What a big deal behind?!**

- (Jupiter Mass /Earth Mass must be = 318) because of Earth Pluto Relationship! This is my answer!
- **Pluto** is very important word here- Because – Jupiter Energy which expresses the solar system general energy is found between Jupiter and **Pluto** ! so the question is

"Can Earth & Pluto relationship effect on the Jupiter energy which is the solar system general energy?! this was the new question

- Then we have made more data analysis and concluded that- (Jupiter energy) was in fact (Mercury energy) and because Pluto was The Mercury Moon – we got some feel that Pluto and Earth have some effect on Jupiter energystill the general vision needs more analysis – any way – we know that – the changes happened for Mercury (ancient) axial tilt caused other changes for Venus to create general balance – and Venus changes are caused by Jupiter because Jupiter tries to save the solar system energy
- The discussion may be stopped here because the details are so many and we still need to discover the geometrical mechanism by which any player effect on another and define its data....
- Now let's leave this whole story to be reviewed in that 3 papers

And

- Let's move for the (2nd Part) of the answer...
 - o **(2nd Part) Why Jupiter & Earth Moon Masses proportionality causes any geometrical calculations (or rules!)?**

Let's consider this part of answer in following:

Jupiter Mass / Earth Moon Mass = 25920

The answer tells that – this number 25920 causes the geometrical calculations!!

i.e.

If Jupiter Mass / Earth Moon Mass = Any Other Number

No Geometrical Calculations Or Rules Can Be Found Based On Their Masses Proportionality...! How to understand that? why??

What power this number has? And why any number has specific effect in physics?

We deal with physics laws and not with some metaphysics science!?

Now let's return to the clear logic

The answer tells that – the number 25920 causes the geometrical calculations?

The idea is clear but not understandable

Any way let's start our discussion about this point in following...

We here deal with one question only

Which is

Why the value 25920 causes any geometrical calculations or geometrical rules?

Let's try to answer in the next point (No. 3)

3- The Discussion of Step No. 3

3-1 Preface

3-2 Planet and Light Motions

3-1 Preface

The question again

Why the value 25920 causes any geometrical calculations or geometrical rules?

If we don't know the geometrical mechanism by which Jupiter (or any planet) effects on other planet how to prove this effect?

Let's try to consider one example in following....

(Example) No. (A)

1. Mercury Day Period = **4222.6 hours**

- Mercury moves during its day period a distance = Mercury Jupiter Distance

2. Mercury moves during a period = **4224 seconds** a distance = **200448 km**

- But Jupiter Energy = **200448 mkm**

- Mercury ancient axial tilt = 1 deg. = 1 mk i.e. **200448 mkm** = 200448 k x 1mk

3. If there's a light beam its velocity 1.16 mkm/sec – so this light beam passes Jupiter orbital circumference (4900 mkm) in a period of time = **4224 seconds**

4. (5040 s / **4224s**) = (930 mk Earth Jupiter Distance / 778.6 mk Jupiter orbital distance)

5. **4224 mkm** = $2\pi \times 670.4$ mkm (Venus Jupiter Distance – error 0.2%)

6. **4224 mkm** x 0.99 = 2 x 2090 mkm (Jupiter Uranus Distance)

7. **4224** x Mars Rotation period (24.6 h) = 4331 days (Jupiter Orbital Period)

Imagine there's a broken column in some house which will cause it to be destroyed

You are the engineer came to rescue the house – what you will do? Do you will say that "This column is broken by pure coincidence and nothing can be done!"?

You need to know why this specific column is broken- you will investigate each column, wall and roof till you know the geometrical rules on which the house is built and then you will replace the column with one found by the original specifications.

To claim that the data is found by pure coincidences and that's all – Nothing will be learnt from such claim It provides no useful result

For example

What relationship between the value 4222.6 hours and 4224 seconds?

Can we imagine that the planet motion (Mercury) for 1 hour depends light motion for 1 second – by this idea – these 2 values may find some geometrical relationship

I want to say

There's no pure coincidences in the previous data – it's geometrical mechanism contains the planet and light motions together and because of that the same values are seen in different features and different units – we need to consider the data with some patience to see its depth and to realize its significance...

3-2 Planet And Light Motions

The Discussion Used Components

- I consider the solar system as one building or one body and each planet is a member in this same body – we have discussed this idea in that papers
- The solar system general energy is Jupiter energy = **200448 mkm** – and this value is discussed deeply in that papers- but I use the value 25920 mkm as the solar system basic energy – Why? because the original value **200448 mkm** was found before Neptune orbital circumference creation and is used for 2 solar day motion an we deal with one solar day motion – why? this we have discussed with out question why Saturn orbital distance = Saturn Uranus distance? Because the solar system daily motion = 1433.5 mkm = Saturn orbital distance but the solar system is built by 2872.5 mkm (Uranus orbital distance) – so the solar system needs 2 days to be built of its own daily motion – and for that Jupiter energy uses 2 solar days –

but

- **The value 25920 mkm** = the distance passed by light known velocity (0.3mkmsec) motion during one solar day only
- I refer here to the discussion points in very short sentences – this discussion is a very wide one and we have consumed many tenths of papers to reach to these conclusions and because of that it's almost impossibility to repeat each details – for that reason – I beg the respectful reader to review that 3 papers at least to have enough data discussion about all these conclusions – for example – I claim there's a light velocity =1.16 mkm/sec – I provided good proof in that paper but can't repeat it here –but the data is crucial because it shows simply that's the fact...

Let's summarize what we will do here

- We consider the value **25920 mkm** as the solar system energy (representative) and know we need to know why this rate **25920** causes the Earth Moon diameter to be created based on geometrical calculations....

The rate explanation is easy

- The **25920 mkm/ 1mkm = 25920**

1 mkm = 1 degree = Mercury Ancient Axial Tilt
(a hypothesis)

Now let's start the discussion

The Data

Equation No. (A)

$$25920 \text{ mkm} = 2\pi \times 4124 \text{ mkm}$$

But

$$4224 \text{ seconds} = 4124 \text{ seconds} + 100 \text{ seconds}$$

The Discussion

Again

Why the value 25920 causes any geometrical calculations or geometrical rules?

Let's move point after point

(1)

- 25920 mkm = light beam (with known velocity 0.3mkm/sec) travels during a solar day (86400 mkm) a distance = 25920 mkm

Also

- The planets motions distances total per solar day (=17.75 mkm/day) – and based on that – the planets motions total during 1461 days will pass a distance =25920 mkm

That means

- The distance 25920 mkm is passed by light in one day and by all planets together in 1461 days and that create 2 motions for the same distance.

(2)

The value 4224 seconds is seen again

(3)

The rate 2π is used widely in the solar system (review the planets velocity analysis)

What does Equation No. (A) tell us?

The Main Idea

- The distance 25920 mkm is passed by light in one day and by all planets together in 1461 days and that create 2 motions for the same distance- means – the planet motion contains also a light motion with it but with a different rate of time
- The value 25920 mkm is an example of all other distances – but we can discover that there's a light motion accompanying the planet motion because the distance 25920 mkm provides us with worth mentioning values – such as 86400 seconds (a solar day) – 1461 days (Earth Cycle 365+365+365+366 days)etc – because of these specific values we could discover that there's a light motion found with the planet motion- but all distances must be created by light motion and all planets motions are accompanying with light motion – that must be causing the geometrical calculations...
- And because of the light motion we see the distance value (25920 mkm) as a period of time (25920 years the Precession Cycle) – now we have 2 motions – please Note – light (0.3mkm/sec) motion during a solar day =25920 mkm and the Earth axis Cycle which continues for 25920 years (The precession Cycle) – these 2 motions are found by one source only – it's found by light motion during a solar

day and we see it as **The Precession Cycle** – Why?- because we see what our mind can see and what's the truth – it's a question – how the human mind works?

Let's analyze the Equation in following

Equation No. (A)

$$25920 \text{ mkm} = 2\pi \times 4124 \text{ mkm}$$

But

$$4224 \text{ seconds} = 4124 \text{ seconds} + 100 \text{ seconds}$$

- The value 25920 mkm is created based on Mercury Motion because the number (4224) is almost related to Mercury Motion

But

- There's 100 seconds are needed ! Why? let's move step by step
- Mercury is the master planet in the solar system and the origin of the inner planets!
- Mercury had the solar system all energy (in ancient time)
- Mercury Original Energy was equal $4224 \times 2\pi = 26550 \text{ mkm}$ – this was the source
- And in that time Mercury caused Jupiter to be created – now Jupiter became a partner in the origin energy – means – Jupiter is created based on this original energy
- Some change is happened
- This fact is seen by the value 100 which should be decreased from Mercury own data – because – Venus axial tilt 1.774 degrees will be changed into 177.4 degrees by Uranus & Jupiter support trying to save the solar system general energy which is now in risk because the change made by Mercury

Again

Why the value 25920 causes any geometrical calculations or geometrical rules?

- Because it expresses for 2 motions – the planet motion moves relative to its own light motionwhat does that mean?
- **The matter is created because of its motion - the matter is created by motion and no matter can be found without motion....**
- **I don't mention here to the matter atoms motion- NO- I mean – the matter outer motion – as the moon motion – without the outer motion the matter will be perished – the matter is created because of its outer motion**

Again

- **It's Lorentz lesson he ha taught us in Lorentz Transformations – and Again – Is Lorentz length Contraction Effect a real phenomenon or illusions of measurements?**
- It's real phenomenon why? because (1st) **It's Proved By The Empirical Proves** (2nd) If we accept the particle own correct data is defined only when this particle motion relative to me = zero – that means – **I'm The Universe Reference Point**
- Now the next question is ready – why the particle own data (mass and length) are changed with high velocity motion?

- Because the particle own data is defined based on the human mind realization process – (How does the human mind work?) the human mind uses the light velocity in its realization process! How to prove?
- Why the subatomic particle behaves as particle after its observation and not as a wave? – how the observer effects on the observation results? Bu what method? This argument we have discussed frequently –
- The matter is created as a result of the human mind effect on the light motion – but because the light has different velocity (0.3mkm/sec and 1.16 mkm/sec) – and our mind (almost) uses the velocity 0.3mkm/sec only – because of that we cant observe the light motion accompanying the planet motion but of course the great light motion can be seen in different features and because of that we discover the geometrical effect of the light motion with the planet motion....
- That means – the moon diameter is created a geometrical value defined by the light motion and because of that the moon diameter has its incredible geometrical effects

Not very clear! Why the light motions need or produce geometrical effects?

- Suppose the solar system is one light beam (regardless the velocity) – it starts from the sun travels to Saturn (Point) – in this point the light have some coherence with another light beam – so both light beam reflected on each other – but the light came from sun reflected many times inside a circle and get out from this circle travels to Uranus – suppose the distance depends on the light energy – now the light travels from the sun reaches to Saturn and then to Uranus the distances (Saturn orbital distance = Saturn Uranus distance) because by one light beam both distances are created – now what's this circle inside which the light was reflected? It's Saturn – and then Saturn diameter is defined by this light motion – now we see a planet called Saturn but it's a ball of light beams reflected on each other! We don't see the light we see the planet why?

Because

- We have 2 observers travels with light velocity relative to us – but they have no difference in velocity between each other – how each observer will see the other? As matter –imagine– I'm sitting here writing on my computer while my spaceship travels with light velocity traveling out of this Galaxy- no difference in velocity between mime and my computer velocity – we both see each other as matters – it's the human mind who uses the light velocity (0.3mkm/sec) which creates the matter form for the light motion –

So

- What's the truth?
- The data is the truth- the data expresses the planet real situation- it's not the vision – it's the data analysis – and we know since we discovered the mirage in our vision

Again

Why the value 25920 causes any geometrical calculations or geometrical rules?

And

Why the light motions need or produce geometrical effects?

- The light which starts from the sun to Saturn to Uranus and continues the roadcreates different planets and distances – means the universe is consisted of light motions (but with different velocities) – now the light motions created different rates of time and causes (Lorentz Transformations) – this causes more difficulties
Why?

Because

- Lorentz tells that the particle length will be contracted with high velocity motion! good and what happen after? Because this particle length is used in some machine and what happened for this machine after the particle length contraction? But the universe system works perfectly (Spite the changes)! How? Because there are methods to create the consistency between the particle contracted length with the particle its length isn't contracted! There's a method to create a consistency between a system under (Lorentz Transformations) and a system out of (Lorentz Transformations) – we don't know that? means the theory still need extension to answer the question How to create such consistency?

Shortly

- The light (different) motions create different rates of time, and create the matters to move explaining these different rates of time – and create also – the distances in which the planets rotate their cycles – and by that the matter, times, distances and all other data are created based on the rules defined by the light motions
- Still the discussion need more depth

For conclusion

- The different rates of time are required to perform the energy accumulation concept – what does that mean?
- One Year on Earth = 1 day on the sun – that means – the distances which the Earth moves during 1 year can be used by the sun in 1 day
- Now all planets move together a distance =17.75 mkm per solar day – but 1 day on the sun = 1 year on Earth – that means – this distance 17.75 mkm is seen by the sun as 17.75 mkm per 237 seconds – this velocity =**0.25 x (light velocity)**

Do we remember the moon diameter?

10921 km (the moon circumference) x 86400 seconds (a solar day) = 940 mkm (Earth orbital Circumference)

Equation No. 1 tells that – If Earth revolves around the sun a complete revolution in one solar day only the moon circumference will= a distance of its motion for **1 second**

Different data tells that there's another rate of time in the solar system

This discussion we should deepen in another paper –

Now let's just remember Mars Migration Theory proves

4- Mars Migration Theory (Proves)

(1st proof) The Giant –Impact Hypothesis (The Geological Proves)

(2nd proof) The Planets Order Analysis

(3rd proof) Mars migration Results

a- The Earth Moon Creation

b- Mars Moons Creation

c- Mars Diameter (and Mass) decreasing

d- The Asteroid Belt Creation

(4th proof) Planet Effect On Its Neighbor

(5th proof) Mar migration Motion Direction

(1st 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...

(2nd 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.** –

(3rd 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 10⁹

Earth orbital distance 149.6 mkm = Earth Diameter 12756 km x 10⁹

Satrun orbital distance 1433.5 mkm = Satrun Diameter 120536 km x 10⁹

Mars (org) orbital distance 84 mkm = Mars (org) Diameter 7070km x 10⁹

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

(4th 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)

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

Equation No. (3)

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

Equation No. (5)

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

(5th 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>

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

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

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

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>

List of publications http://vixra.org/author/gerges_francis_tawdrous