

Does Mars effect on Earth – Moon Motion?

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>

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Abstract

This paper discusses 3 basic points which are:

(1st Point) Mars Immigration Theory which explain the Earth Moon Origin

(2nd Point) Mars & Earth Moon Motions Interaction – where I claim that – both Motions depend on each other regardless the distance

(3rd Point) a deep analysis for the force causes the planet motion – because I claim that- the planet moves by a force more stronger and effective geometrically than the gravity definition as written in the modern physics book

Let's remember "**Mars Immigration Theory**" to pass the point No. 1

- Mars original orbital distance was 84 mkm and Mars had immigrated from it to its new orbital distance 227.9 mkm – Through this Motion from 84 mkm to 227.9 mkm Mars had collided with Venus and then Mars had collided with Earth also

- From these Collisions debris Earth Moon is created –also from the debris Mars had found its moons and the rest debris were attracted by Jupiter, creating **The Asteroid Belt** –

- Mars Immigration Theory simply supports "**The Giant-impact hypothesis**" but there's no another planet caused the collisions – instead Mars itself did by its motion from its original point 84 mkm to its current one 227.9 mkm

"Mars Immigration Theory" solves **The Giant –Impact Hypothesis** difficulties

- **The Lunar Magma Ocean (LMO) Origin– is Venus** – because the moon is created by 3 planets debris – that's why the three planets rock are found...

- **Why Venus Has No Moon?** – Because Mars moved from 84 mkm to 227.9 mkm and pushed all debris with its motion direction – far from Venus – but Earth has greater Mass and the debris lost their motion high momentum – so Earth could attract some debris and create its moon

- Why The Iron Oxide (FeO) of the Moon= (13%)? This also is solved because The rate (13%) is a middle between Mars rate (18%) and the terrestrial mantle (8%).

i.e.

The Giant-impact hypothesis supports Mars Immigration Theory

1- Introduction

The paper abstracted remembered us by Mars immigration theory – for more details please review my papers mentioned in the paper references

Now let's move to the 2nd Point

(2nd Point) Mars & Earth Moon Motions Interaction – where I claim that – both Motions depend on each other regardless the distance
Let's start with Data as usual

I - Data

(1)

Mars moves per solar day 0.524 degrees (= 1/1.9 degrees Mars orbital inclination)

(2)

The Earth Moon moves per solar day 13.18 degrees

(3)

13.18 deg x 1.9 deg (Mars Orbital Inclination) = 25.2 deg² (Mars Axial Tilt = 25.2 deg)

(4)

687 days (Mars orbital period) = 27.3 days (the Earth Moon orbital period) x 25.2

(5)

687 days (Mars orbital period) = 365.25 days (Earth orbital period) x 1.9

(6)

4331 days (Jupiter orbital period) = 687 days (Mars orbital period) x 2π

II – Discussion

Regardless any explanation for the previous data – the main question is

It's understandable that Mars motion per solar day (0.524 degrees) depends on the solar day periodAnd

It's understandable that the Earth Moon motion per solar day (13.18 degrees) depends on the solar day period

ButHow

Mars orbital inclination (1.9 degrees) or Mars axial tilt (25.2 degrees) can depend on the solar day Period? How that can be possible?

$$\frac{\text{The Sun Diameter}}{\text{The Moon Diameter}} = \frac{\text{Earth orbital distance}}{\text{Earth Moon distance}} = \frac{\text{Earth daily motion}}{\text{Earth Radius}}$$

The previous equation tells that – Earth radius is created relative to Earth Motion Distance per solar day – how the matter can be created as a function of time?!

We will discuss that in point No. 3 of this paper – so let's refer to the paper contents

The Paper Contents

Point No. 2- Methodology

Point No. 3- Mars and Earth Moon Motions Interaction

Point No. 4- The Masses Gravity analysis

1 **2- Methodology**

2 Why Jupiter diameter =142984 km? Why we need to answer such question?

3 I use the planets data analysis in my study for the solar system geometry – I try to test
4 our vision toward the solar system creation and Motion –

5 So – in my research – clearly – I compare between the planets data and the physics
6 acceptable theories to see if there's a consistency between both

7 Why Jupiter diameter =142984 km? is a question has no clear answer – the diameter
8 creation is attributed to different (unknown) historical circumstances & records ...

9 Based on that:

10 (1)

11 If Jupiter diameter =142984 km = 8 planets diameters total – such data – has no any
12 geometrical effect in the solar system understanding – the data simply is found by
13 pure coincidence...! Also

14 (2)

15 If Jupiter diameter 142984 km x 5040 = 720.7 mkm (Mercury Jupiter Distance)

16 Where Mercury Day needs 5040 seconds to be =176 solar days and Mercury moves
17 during its day period (175.94 solar days) a distance = 720.7 mkm – or

18 (3)

19 If Jupiter diameter 142984 km = 1 million km /7 where Mercury orbital inclination
20 =7 degrees and 1 degree = 1 mkm because Mercury orbital circumference =360
21 degrees = 360 mkm

22 Such data also gives us no better understanding for the solar system...
23

24 **How The Matter Is Created?** the ancient question – is removed from the book – and
25 we accept that the matter is a continuous miracle found without an explanation!

26 That's why I use the planets data to discover the solar system geometry ...

27 I accept the historical records about how the planet is created if there's **a proof**– For
28 example – a person had an accident and his arm was cut in this accident – So can this
29 person still have 2 arms Now? We need a proof for the historical record
30

31 **About what we argue here?**

32 The person has lost his arm but still can live... the planet has changed its data but still
33 can revolve around the sun! the person personality is still (almost) the same – and the
34 planet still can do its geometrical role-
35

36 The person is not a body- And – **The Planet Is Not Just A Matter**

37
38 That's why I ask – why Jupiter diameter =142984 km? because we try to discover the
39 geometrical power which is found behind the planet diameter creation!
40

41 **Earth Circumference = the (5) inner planets diameters total! Why...?**

42 The planet is NOT just a matter – **The Matter Is Created By A Geometrical**
43 **Powerful Hand** - the matter is created as one player in a team – with the space – the
44 time –the energy – the motion – many other players –

45 BUT

46 If the person is over-bleeding – he will die and his personality will be disappeared

1 The body is the main key behind which the human power is hidden
2 The planet matter is the key behind which the geometrical great power is hidden
3 That's why we ask **how the matter is created?** can Kepler help us?

4
5 "Kepler thus assumed that the volumes of the planets were proportional to their
6 distances to the sun and the quantity of matter they contained to the square root of
7 this distance, so that **planetary densities varied inversely** as square root of the
8 orbital radius and is this ad hoc way be could reproduced his third law (T^2 varies with
9 a^3) and absorb into physical Astronomy" "From Eudexus to Einstein A history of
10 Mathematical astronomy"(page 198-199) C.M. Linton–Cambridge university Press...

11 **Deep Discussion**

12 Why the planet density is changed relative to its orbital distance?!

13 Kepler – Since hundreds of years- told that – the solar system is one building and
14 each planet is a part of this same building – or

15 The solar system is one machine and each planet is a gear of this same machine...

16 **We don't like this idea! Why?**

17 Because our eyes see the planets are separated matters from each other- we consider
18 that- Where the space separates the planets from each other – so they are
19 **independent planets (matters)!** – Our eyes see by this way and refuse to understand
20 any other idea –So **we see the mirage and believe it's a real water**

21 What if we wrongly see this vision? Let's test it – do we know what's the space? How
22 the space is created or from what stuff? The naïve vision tells us –the space is the
23 nothingness – and found without creation!

24 Kepler told - Planet matter is created based on geometrical rules- it's Not the Big
25 Bang description (Why? because it's NOT **The Random Creation Concept**)

26 The planets were created (as parts of the same one building – which necessitates to
27 create these planets data depending on each other –and because of that the data shows
28 this dependency)

29 Based on this explanation – can the planet diameter (matter) is created in relationship
30 with Planet orbital distance (Space)? i.e the matter and Space are created with
31 specific rates to each other to do one geometrical job, Can that be possible?!

32 Lorentz Length Contraction Phenomenon tells the answer! Why?? **BECAUSE**

33 Lorentz Length Contraction Phenomenon deals with a Particle length as a distance –
34 both are contracted by high velocity motion!

35 ***As if the matter (a particle length) is equivalent to the space (a distance)***

36 So the ancient question- how the matter is created- was not negligent completely –
37 but there are different tries accumulate the knowledge to support our investigation.

38 Shortly

39 The Planets Data analysis is a way to test our ideas and review our visions to know if
40 we see the real water or just a mirage.

41

3- Mars and Earth Moon Motions Interaction

3-1 The Basic Data

3-2 The Discussion

3-1 The Basic Data

Group No. (I)

(1)

Mars moves per solar day 0.524 degrees (= 1/1.9 degrees Mars orbital inclination)

(2)

The Earth Moon moves per solar day 13.18 degrees

(3)

13.18 deg x 1.9 deg (Mars Orbital Inclination) = 25.2 deg² (Mars Axial Tilt = 25.2 deg)

(4)

687 days (Mars orbital period) = 27.3 days (the Earth Moon orbital period) x 25.2

(5)

687 days (Mars orbital period) = 365.25 days (Earth orbital period) x 1.9

(6)

4331 days (Jupiter orbital period) = 687 days (Mars orbital period) x 2π

(7)

687 days (Mars orbital period) + 6.2 days = 2 x 346.6 days (The Nodal Year)

(3.1 degree = Jupiter axial tilt)

(8)

The rate 1.9

a- Earth Orbital distance 149.6 mkm = 1.9 x 78.3 mkm (Earth Mars Distance)

b- Mars Orbital distance 227.9 mkm = 1.9 x 119.7 mkm (Venus Mars Distance)

c- Earth Mars Distance 78.3 mkm = 1.9 x 41.4 mkm (Venus Earth Distance)

Group No. (II)

(9) Earth Moon diameter x the sun diameter = **Jupiter orbital circumference**

(10) Earth Moon circumference x Jupiter Circumference = **Jupiter orbital circumference**

(11)

$$\frac{\text{The Sun Diameter}}{\text{The Moon Diameter}} = \frac{\text{Earth orbital distance}}{\text{Earth Moon distance}} = \frac{\text{Earth daily motion}}{\text{Earth Radius}}$$

(12)

$$\frac{\text{Jupiter Radius}}{\text{Mercury Diameter}} = \frac{\text{Uranus Diameter}}{\text{Moon Diameter}} = \frac{(2 \text{ Saturn Circumferences})}{\text{Uranus Diameter}} = \frac{\text{Venus Mass}}{\text{Mercury Mass}} = \frac{\text{Uranus Mass}}{\text{Earth Mass}} = \frac{4.37}{0.3}$$

(13)

$$\frac{\text{Planets Diameters Total}}{2 \text{ Jupiter Diameters}} = \frac{\text{Planets Masses Total}}{\text{Jupiter Mass}} = 1.4$$

Group No. (III)

(14) **Jupiter orbital circumference** = the (4) inner planets orbital circumferences total + Mars orbital circumference (Mars is used 2 times)

(15) Mars Circumference 21346.6 km x the moon circumference 10921km = 233 mkm

3-2 The Discussion

Let's summarize the idea in clear words in following:

- We have a piece of cloth (for example) – and from this piece – we make a shirt and shoe – and a handkerchief and a bag for a woman and a cap- and also a cover for a table and also a curtain for the window!
- This was The Solar System Geometry
- We see planets matters - distances – light – space....etc all of these components are created from the same stuff and relative to each other geometrically – so if we need to change some planet diameter length we may have to change its day period also!
- Let's try to use this idea to explain the previous data

Equation No. (15)

Mars Circumference 21346.6 km x the moon circumference 10921km= 233 mkm

The previous equation tells that – the moon diameter is created by effect of Mars circumference! Why? and how??

Mars Immgration Theory provides no explanation here – it tells only that Mars caused the collisions and from the debris the Earth Moon was created!

But why the Moon diameter =3475 km?

It doesn't depend on Earth Mass or strong force to attract the debris – the moon diameter is created by the cooperation between the planets! And now in this equation we see Mars effect on the moon creation!

Why this idea is correct?? Because

$$233 \text{ mkm} = 0.3 \text{ mkm/sec (Light Known Velocity)} \times 778.6 \text{ seconds}$$

i.e.

light known velocity (0.3 mkm/s) travels during 778.6 seconds a distance =233mkm!

What a big deal??

778.6 seconds but **Jupiter orbital distance = 778.6 mkm**

The Idea Summary

It's a light motion

All what we see in the solar system is a light motion – the planets matters – distances – periods of timeetc all planets data is found by light motion- So the planet moves following a light motion but we don't see the light motion but we see the planet motion

1 Why **Jupiter orbital distance (778.6 mkm)** is used here?? ...Let's remember

2 **The solar system is created by a light motion**

3 - Suppose there's a light velocity = 1.16 mkm/sec and also suppose Mercury position
4 is defined based on 50 seconds...so

5 - Light with velocity 1.16 mkm/sec during 50 seconds travels a distance = 58 mkm =
6 Mercury orbital distance

7 - Mercury orbital circumference = 360 mkm – this value will be used as 360 seconds
8 because we deal with high velocity motions (light motions) – so

9 - 360 seconds x 0.3 mkm/sec (light known velocity) = 108 mkm (Venus Orbital
10 Distance)

11 - Light known velocity (0.3 mkm/sec) needs 720 seconds to pass 108 mkm x 2
12 (Venus Orbital Diameter)

13 - The value 108 mkm x 2 x 2 = 432 mkm is required to produce 720 seconds x 2

14 - (720 mkm = Mercury Jupiter distance) and the double value 720 x 2 is required for
15 Mercury Jupiter Orbital Diameter

16 - The value 432 mkm will be used as a time period

17 - Light with velocity 1.16 mkm/sec during 432 seconds will pass 500 mkm

18 - Light known velocity (0.3 mkm/sec) needs 500 seconds to pass through Earth
19 orbital distance (149.6 mkm)

20 **Note Please**

21 Mercury, Venus and Earth orbital distances are created depending on their distances to
22 Jupiter to the sun without **Any Outer Help**

23 **But**

24 - Jupiter **Saturn** Distance = 655 mkm – this value will be used as time

25 - Light with velocity 1.16 mkm/sec during 655 seconds will be 760 mkm

26 - Light known velocity (0.3 mkm/sec) during 760 seconds will pass a distance
27 = **227.9 mkm** = Mars orbital distance

28
29 **NOTE PLEASE**

30 - 778.6 seconds x Light known velocity (0.3 mkm/sec) = 233 mkm (error 2.5%
31 with 227.9 Mars orbital distance) **Where** (778.6 mkm = Jupiter orbital distance)

32
33 **This equation shows that Mars orbital distance (227.9 mkm) can't be created as the**
34 **other 3 inner planets (error 2.5% disprove it) - So The Moon diameter is created to**
35 **help Mars to overcome this same distance 778.6 mkm and to produce Mars (new)**
36 **orbital distance (227.9 mkm) based on it –**

37 **That means – Because**

38 **Earth Moon Diameter = 3475 mkm – Mars orbital distance becomes = 227.9 mkm**

Jupiter Orbital Circumference (4900 mkm)

I- Data

Let's remember the introduction data

a. Venus Jupiter distance 670.4mkm = Venus orbital circumference 680 mkm (1.4%)

b. Earth Jupiter distance 928 mkm = Earth orbital circumference 940 mkm (1.3%)

c. Mercury moves during its day period a distance = 720.7 mkm = Mercury Jupiter distance. (no error)

New Data

Equation No. (1)

3413 mkm = 360 mkm (Mercury) + 680 mkm (Venus) + 940 (Earth) mkm + **1433 mkm**

Equation No. (2)

4900 mkm (Jupiter Orbital Circumference) = 3413 mkm + **1433 mkm**

II- Discussion

The previous data we have discussed before – and this data is the reason why Venus Jupiter Relationship is so effective one

Equation No. 1

3413 mkm = The Inner Planets Orbital Circumferences Total

As the equation shows clearly- this idea we know perfectly

Equation No. 2

4900 mkm = Jupiter orbital circumference = 3413 mkm + **1433 mkm**

This equation we know also – it tells Jupiter Orbital Circumference is created depending on the inner planet orbital circumferences total

The mutual relationship is seen clearly– let's summarize it in following:

The distances between the inner planets and Jupiter = these inner planets orbital circumferences - that means –the inner planets orbital circumferences are created as a result of Jupiter effect on these inner planets motions...

Now

Jupiter Orbital Circumference is created as the inner planets orbital circumferences total –

i.e. The orbital circumferences of these 5 planets (Jupiter & the inner planets) are created by a mutual relationship between the inner planets and Jupiter.

The idea is clear but not trusteeWhy?

Because

(1)

Venus during its orbital period (224.7 days) moves a distance = 680 mkm = Venus Jupiter Distance 670.4 mkm (1.4%) – so Venus almost supports the idea

(2)

Earth follows the rule as Venus perfectly but – the distance 928 mkm can be created only when Earth and Jupiter be at different sides from the sun that means – Earth

1 orbital distance 149.6 mkm + Jupiter orbital distance 778.6 mkm= 928 mkm which is
2 equal 940 mkm (Earth orbital circumference) (1.3%)

3 (3)

4 But ..Mercury uses its day period (=2 Mercury orbital period)-and so Mercury doesn't
5 follow perfectly the previous rule! The question is why Mercury day period =4222.6
6 hours = 2 x Mercury Orbital Period?

7 (4)

8 **Mars**

9 Mars moves during its orbital period (687 days) a distance = 1433 mkm = Saturn
10 Orbital Distance.

11 Spite Mars Orbital Distance 1433 mkm is used in Jupiter orbital circumference
12 definition (2 times), but Mars Orbital Distance isn't defined by the distance between
13 Mars And Jupiter!

14

15 **A Deep Discussion**

16 Let's summarize the idea clearly

17

18 - By some way Jupiter effect on 3 inner planets to make them create their orbital
19 circumferences = their distances to Jupiter (Approximately)

20

21 - Mars orbit circumference is defined by Saturn effect

22

23 - Jupiter Orbital Circumference is created depends on the inner planets orbital
24 circumferences total

25

26 - So, **There's A Mutual Relationship** between Jupiter and these 3 inner planets
27 (Mercury, Venus and Earth)

28

29 The idea is clear We have only 2 questions

30 - **1st Question** / How Jupiter effect on the 3 inner planets orbital circumferences?

31 - **2nd Question** / Why Mars orbital circumference is exceptional? Spite of that still
32 works as a partner in Jupiter orbital circumference (even with double values of
33 Mars Orbital Circumferences)?

34

35 Let's answer these questions in following ...

36

37

Jupiter Creates The 3 Planets Distances

I- Data

Equation No. (3)

Light with velocity 1.16 mkm/sec during (4224 seconds) passes a distance = 4900 mkm = Jupiter orbital circumference (But Mercury Day Period = 4222.6 hours)

Equation No. (4)

4224 mkm = $2\pi \times 670.4$ mkm (Venus Jupiter Distance) (0.2%)

Equation No. (5)

(5040 seconds / 4224 seconds) = (778.6 mkm / 149.6 mkm)

Where

Mercury Day Period needs 5040 seconds to be 176 days

And

788.6 mkm = Jupiter Orbital Distance 149.6 mkm = Earth Orbital Distance

Equation No. (6)

4331 days (Jupiter Orbital Period) = 4224 x 24.6 hours (Mars rotation Period)

II- Discussion

Equation No. (3)

This equation tells us a light passes Jupiter orbital circumference in 4224 seconds that creates the relationship between Jupiter and the inner planets –

Simply a light beam is sent from Jupiter to the inner planets and this light beam (energy) creates this effect of Jupiter on the inner planets

Simply this effect is seen in The Value 4224 Seconds

This value is seen in different forms in the solar planets – means – it's seen in time period or distance value – because we deal with light motion (high velocity motion) and because of that the value 4224 is seen in different forms in the inner planets and these different forms causes the change in the rule (the inner planet define its orbital circumference to be equal its distance to Jupiter) – this rule isn't followed perfectly by the 3 inner planets in the form because each planet receive the 4224 in different form.

So

Mercury sees the value 4224 as 4222.6 hours (Mercury Day Period)

Venus sees the value 4224 as 4224 mkm (= $2\pi \times 670.4$ mkm Venus Jupiter Distance)

Earth sees the value 4224 as 4224 seconds in the following equation

Equation No. (5)

(5040 seconds / 4224 seconds) = (778.6 mkm / 149.6 mkm)

So, Earth orbital distance is created relative to Jupiter orbital distance based on the rate between 5040 seconds and the value 4224 seconds –

And based on both orbital distances – the distance between Earth and Jupiter is created 928 mkm = 778.6 mkm + 149.6 mkm

Equation No. (6)

4331 days (Jupiter Orbital Period) = 4224 x 24.6 hours (Mars rotation Period)

Note please

4331 days (Jupiter Orbital Period) = 687 days (Mars orbital Period) x 2π

1 Equation No.6 tells, Jupiter Value (4224) can't effect on Mars Orbital Circumference
2 (1433.5 mkm) because Mars Orbital Circumference = Saturn Orbital Distance – and
3 that means – Saturn effects on Mars Orbital Circumference – but still the value 4224
4 effects on Mars data through its Mars rotation period – and based on this effect –
5 some dependency is created between Mars & **Jupiter Orbital Periods**

6
7 **Please Note**

8 Mercury and Mars deal with the value 4224 as a period of time – but
9 Venus deals with this same value 4224 as a distance value – and
10 Earth deals with this same value 4224 as a rate with another value (5040 seconds)
11 (5040 seconds is required to make Mercury Day Period = 176 solar days)
12

13 **A Conclusion**

14 **Jupiter Practices Some Effect On All Inner Planets By The Value 4224 – And**
15 **Through This Effect – 3 Planets Orbital Circumferences Are Created To Be**
16 **Equal These Planet Distances To Jupiter.**
17

18 **But**

19 By what energy these 3 inner planets were created? **Because**

20 We have concluded frequently before that...

21 The 3 planets circumferences (Mercury, Venus & Earth) must be created by the
22 Energy reflected by Neptune into 2 Trajectories of energy – each one contains (86400
23 mkm) (this question we should deal in Point No. 4 of this paper "**Jupiter Energy**")
24

25 So for now we will accept the following Conclusions

26 **The Conclusions**

27 (1)

28 These 3 inner planets circumferences are created by this light beam whose velocity
29 1.16 mkm/sec travels for 4224 seconds, And because of that – the 3 planets define
30 their orbital circumferences to be equal their distances to Jupiter –

31 (2)

32 Jupiter Orbital Circumference Is Created depends On The Inner Planets Orbital
33 Circumferences.

34 (3)

35 i.e.

36 **There's A Mutual Effect Between The Inner Planets & Jupiter**
37
38
39
40

1 **3-The Gravity Force Analysis**

2 Earth Moon is born by the collisions Mars did with Venus (at First) and Earth (at
3 Second) – from these collisions debris the Moon is created
4 The idea is clear but can't answer many left questions behind
5 Let's discuss one question only

6
7 **Example No.1:**

8 Why the moon diameter =3475 km?

9 The story tells us that the moon diameter is created from the collisions debris so the
10 moon diameter is created based on Earth Mass gravity force – if Earth Mass is less so
11 the moon will be less in diameter and Mass ...etc

12 So the number 3475 km is found by some complex pure coincidences and we can't
13 answer the question ... why the moon diameter =3475 km?
14

15 Based on that ... the following data is just useless:

16 1- The moon diameter x the sun diameter =Jupiter orbital circumference

17 2- The moon circumference x Jupiter Circumference =Jupiter orbital circumference

18 And

19 3- The moon circumference x 1.9 = Mars diameter

20 4- The moon circumference x 3.4 = Venus diameter

21 (Where 1.9 deg = Mars orbital inclination and 3.4 deg= Venus orbital inclination)
22

23 **Also**

24 5- The moon circumference x 86400 seconds (a solar day) = 940 mkm (Earth orbital
25 circumference)

26 6- The moon circumference x 27.3 = 300000 km
27

28 **Equation No. 5**

29 tells that, if Earth revolves around the sun in one solar day only – so its moon
30 circumference will = a distance of Earth motion for 1 second period of time
31

32 **Equation No. 6**

33 tells that, if Earth moon rotates around its axis once per solar day (as Earth does) so
34 the moon will pass during its orbital period (27.3 days) a distance = light known
35 velocity (0.3 mkm/sec) travel during 1 second period of time
36

37 There's no any pure coincidence here – Newton gravity force is so complex than its
38 definition in our physics book – Newton knew about the gravity forces more than
39 what he written already – and if we can't catch the geometrical effect of the gravity
40 forces we can't understand how the solar system works...
41

42 To make this discussion more clear let's discuss how any planet can effect on its
43 neighbor and here we discuss Earth effect on Mars motion
44

- 1 **Example No.2:**
 2 (a) Earth Moon distance at perigee radius (363000 km)= the outer planets diameters
 3 total (error 1%)
 4 (b)
 5 Earth Moon distance at apogee radius (406000 km)= the solar planets diameters total
 6 (c)
 7 The distance between Perigee and apogee (40000 km) (Space only) = the (5) inner
 8 planets diameters total = Earth Circumference
 9 (d)
 10 Saturn Circumference = Earth Moon Distance at total solar eclipse radius
 11 (e) For full analytical data please review
 12 Earth Moon Orbit Triangle Analysis (Revised) <https://vixra.org/abs/1907.0627>
 13
 14

Moon Orbit Triangle Analysis

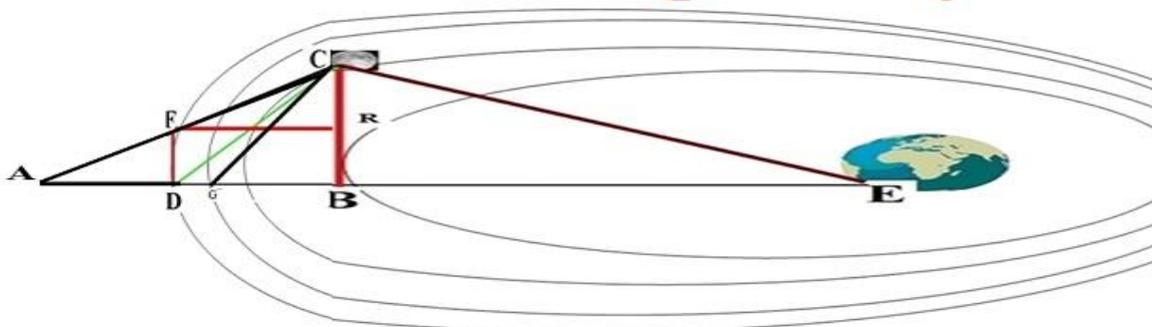


Figure Explanation (Note Please – FDBR is a square)

Figure shows the moon orbit around Earth with some details (my created figure)

Where..... **BC= 86000 km..... and BR=CR also AD=BD**

EB =363000 km = Perigee radius (perigee is the nearest point, the moon can reach)

EC= 378000 km= Earth Moon Distance when the moon in total solar eclipse point

EG= 384000 km = The Moon Orbital Distance (registered in NASA Planetary sheet)

ED= 406000 km = Apogee radius (Apogee is the most far point, the moon can reach)

I- Data

$$(EB)^2 + (86000 \text{ km})^2 = (EC)^2$$

$$(EC)^2 + (86000 \text{ km})^2 = (EG)^2$$

$$(EG)^2 + (86000 \text{ km})^2 = (S)^2$$

(Where S= 394000 Km- Unknown Point)

$$(S)^2 + (86000 \text{ km})^2 = (ED)^2$$

Conclusion (1) / The Moon Motion Basic 4 Points Are Produced BY PYTHAGORAS RULE.....Why??

II-Data

In the previous triangle

AC = 120536 km = Saturn Diameter

EC = 378000 km = Saturn Circumference

AE= 449378.3 km = Jupiter Circumference

Conclusion (2) / The Moon Orbit Triangle depends ON JUPITER & SATURN DIAMETERS VALUESWhy??

Gerges Francis Tawdrous +201022532292

15 **Discussion**
 16

17 Please take a while to review the previous figure – how the matter is created? it's the
 18 question which we still try to answer – and may we will try again later...

1 **References**

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

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

4 Die Ordnung Der Sonnenplaneten Zeigt Noch Mehr Rätsel

5 <https://vixra.org/abs/2004.0165>

6 Mars Immigration Theory

7 <https://vixra.org/abs/2003.0689> (English Text)

8 or

9 <https://vixra.org/abs/2003.0685> (German Text)

10 The Giant-impact hypothesis supports "Mars Immigration Theory" (III)

11 <https://vixra.org/abs/2003.0521>

12 Lorentz Length Contraction (More Discussion)

13 <https://vixra.org/abs/1911.0431>

14

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

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

Math-Net.Ru

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<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:

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17

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

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

20 ***Gerges Francis Tawdrous +201022532292***

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

22 E-mail mrwaheid@gmail.com

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

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

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

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

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

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