

Moon Orbital Motion Analysis (III)

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Abstract

Paper Hypotheses....

- The Moon Is A Light Beam (with known velocity 0.3 mkm) Sent From Uranus Carrying Energy To Earth
- The moon orbit is created by 1 second motion of light beam (with supposed velocity 1.16 mkm/sec).
- The moon passes through the moon orbit– which causes interaction or coherence between these 2 light beams (1.16mkm/sec – 0.3 mkm/sec)
- Based on this interaction the moon who was a light beam will be a planet (**Transformation From Light State Into Matter State**)
- The Moon Energy (As Light Beam) Is Stored.
- The Moon seeks to transport its energy to Earth
- Through Solar Eclipse Phenomena the moon transports the energy it carries from Uranus to Earth
- Energy is transported based on quantized measurements
- Solar eclipse cycles and calendars are so important because these periods tell when the energy quantum is ready to be used
- **Solar Eclipse Job (Conclusion)** Solar eclipse phenomena transports the energy from the moon to Earth through the Solar Umbra –

References

- Moon Orbital Motion Analysis <http://vixra.org/abs/1910.0080>
Moon Orbital Motion Analysis (II)
The Moon Indeed Moves by Gravity <http://vixra.org/abs/1910.0001>
The Moon Indeed Moves By Gravity (II) <http://vixra.org/abs/1910.0013>
The Moon Indeed Moves by Gravity (III) <http://vixra.org/abs/1910.0063>
Is the 2737 Phenomenon a real one? (II) <http://vixra.org/abs/1908.0583>
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The Assumption Of S. Virgin Mary.

Written in Cairo – Egypt

9th October 2019 (S. George)



1- Introduction

What does this paper try to tell?

The universe is created of 2 different light beams –

1 st light beam velocity is the known one	=0.3mkm/sec
2 nd light beam velocity is the supposed one	=1.16 mkm/sec

These 2 light beams create the universe matter and space

Through our study of the moon orbital motion – we may conclude how the matter and space are created which will be useful for better vision for the moon orbital motion analysis...

I wish we notice that these 2 light beams aren't 2 independent light beams- on the contrary– the light known velocity (0.3 mkm/sec) is produced from the light supposed velocity (1.16 mkm/sec) – so they have one source

Let's ask firstly – from where this idea is created?

To answer let's discuss the following example

Example No. 1

Data

366556 km = The Outer Planets Diameters Total

366556 km = 153	x 2390 km (Pluto diameter)
366556 km = 105.5	x 3475 km (earth moon diameter)

But

153 hours = Pluto Rotation Period

105.5 x 2π = 655.7 hours (Earth Moon Rotation Period)

Discussion

The previous data is an example of many similar – now I find the value 366556 km is so effective one – and also – I find that the relationship between this value and the others cause to create planets rotation periods!

That tells us- the value 366556 km effect is simply beyond our knowledge

The naïve answer of pure coincidences is clearly refused – because- we want to understand what we see and not to close our eyes...

The historical unanswered questions cause great difficulties for the solar system understanding- and we have to try to answer them if we want to understand how the solar group works!

How the matter is created?

Does the space effect on the matter creation process? How to create the space?

What we want to do in this paper?

I claim the universe is created of 2 light beams

And

The moon motion orbital motion gives the chance to see how the planet matter is created and what's the space geometrical role in the solar system...

So

In this paper we will follow the moon from his starting point – when he was a light beam – discovering the interactions based on which this light beam becomes a planet (the moon) - and after we still follows the moon in his motion around Earth till becomes a light beam once again –

Through this process –may we can discover how the matter is created and how the original light beam effect on the planet motion

Also we mat prove many of my hypotheses – let's remember them here because we may need any of them in our discussion...

Research Hypotheses

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

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

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

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

Hypothesis No.5: Matter Creation process depends on solar day period of time – that means – Matter creation process depends on the time as one of its main components

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

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

PAPER CONTENTS

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3- The Moon Passes Over Light State To Matter State

3-1 Preface

3-2 Are Earth & Moon motions relative to light motion?

3-3 Moon Orbit is created of 1.16 mkm

3-4 Moon Diameter is created of 0.3 mkm

3-1 Preface

Please remember

Hypothesis No.3

Planet Motion For 1 Solar Day Depends Light Motion For 1 Second Period

What we will do here?

(I)

We deal with light motion for 1second

Based on that we have 2 values

1160000 km = A distance passed by light supposed velocity (1.16 mkm/sec)

And

300000km = A distance passed by light known velocity (0.3 mkm/sec)

So when we see any of these 2 values we will realize that – these values are found by light motion for 1 second...

(II)

For example

Outer Planets Diameters Total $366556 \text{ km} \times \pi = 1.16 \text{ mkm} \times 0.99$

Based on this equation I have supposed that outer planets diameters total is created based on light motion for 1 second(supposed velocity 1.16 mkm/sec)! do I reach to a correct conclusion? Or not?

The planet in sky has no catalog tells how it works? Simply we create the theory about it based on our understanding and knowledge- now suppose not all used geometry science in this planet creation is known to us? we create our ideas based on the direct observation – is it trustee method? Shortly if we understand wrongly how the planet works whom we should ask to correct our ideas?

I have found that – to understand how the planet data is created – is a very good method to have a clear & correct understanding to how the planet works...

Based on that I don't leave the data passes without explanation how it's created...

In our example..

How the outer planets diameters total is created? I have the number 1.16 mkm is repeated in its analysis – and from another argument I have doubt that a light velocity with 1.16 mkm/sec must be working in the solar system – so the conclusion – outer planets diameters total is created based on light motion for 1 second is built on different factors which may supports its creditability...

3-2 Are Earth & Moon motions relative to light motion?

I- Data

- 1- Light velocity = 10^4 Earth velocity
- 2- $1.16 \text{ mkm/sec} \times 2.23 \text{ seconds} = 2.58 \text{ mkm Earth motion per solar day}$
- 3- $1.16 \text{ mkm} = 13.18 \times 88000 \text{ km (moon displacement)}$
- 4- $365.25 \text{ days} \times 27.3 \text{ days} = 10^4 \text{ days}^2$

I- Discussion

Let's start with equation no. 2

Equation No.2

Light with supposed velocity (1.16 mkm/sec) passes a distance = 2.58 mkm during 2.23 seconds

But we know that

$2.58 \text{ mkm} = \text{Earth Motion Per Solar Day}$

$2.23 \text{ days} = 29.53 \text{ days (lunar Synodic Month)} - 27.3 \text{ days (lunar sidereal month)}$

Also we know

1 second of light motion is equivalent for 1 day of planet motion

So Equation no. 2 tells that – light (1.16 mkm/sec) passes Earth motion distance daily based on a period defined by the moon cycles.... ! Why? Let's move forward

Equation No.3

The moon displacement daily (per solar day) = 88000 km

Because the moon orbit circumference = $2.41 \text{ mkm} (=360 \text{ degrees})$ so this distance 88000 km is equivalent to 13.18 degrees

Means the moon daily motion both values are found (88000 km and 13.18 degrees) and their multiply = light motion for 1 second (light supposed velocity 1.16 mkm/sec) why?

We should not expect an explanation for each equation – simply because there are many geometrical rules are unknown by us – but the continuous discussion may help to discover these rules – let's examine the next equation

Equation No.4

$365.25 \text{ days} \times 27.3 \text{ days} = 10^4 \text{ days}^2$

Of we know that

$365.25 \text{ days} = \text{Earth orbital period}$ and $27.3 \text{ days} = \text{the moon orbital period}$

Light velocity = 10^4 Earth velocity (I) and

Earth Velocity = Moon Velocity (because they aren't separated from each other)

That means Earth Velocity = Moon general velocity = $(1/10^4)$ light velocity

i.e.

The rate 10^4 controls Earth and Moon motions (as the equation shows) why??

Because Earth & moon consist one motion only – that means – one motion is done by cooperation between Earth & Moon – so Earth and moon are 2 carriages in one train- they move together one motion...

Let's provide data proves that (old data)

Data

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

And

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

Means

- The moon during 29.53 days move a distance = 389.2 degrees

389.2 degrees – 360 degrees = **29.2 degrees**Why these values equal?

I- More Data

Metonic Cycle Period 6939.75 days = 19 x 365.25 days (Sidereal Days)
= 235 x 29.53 days (Lunar Synodic Month)
= 20 x 346.6 days (Nodal Year)

Saros Cycle Period 6585.321 days = 241 x 27.32 days (Lunar Sidereal Month)
= 19 x 346.6 days (Nodal Year)
= 223 x 29.53 days (Lunar Synodic Month)

The data tells that

Earth, Moon and moon orbit cycles are in harmony together ...Why?

Because this is one motion

And that means

These 3 players are cooperated to produce one motion only which is shown in the data

Let's remember the moon orbit main points here because we will need them in our discussion...

- I. **Perigee radius** = 363000 km = Earth Moon Distance to perigee point which is the most near point the moon can reach to Earth.
- II. **Total solar eclipse radius** = 378000 km = Earth Moon Distance when the moon be in total solar eclipse most far point.
- III. **Moon Orbital Distance** = 384000 km (A Registered Value)
- IV. **Apogee radius** = 406000 km = Earth Moon Distance to apogee point which is the most far point the moon can reach from Earth.

3-3 Moon Orbit is created of 1.16 mkm

I- Data

- 5- 1.16 mkm = 43000 km x 27.3 x 0.99
- 6- = (366556 km x π)/0.99
- 7- = 377000 km x 3.07
- 8- = (0.384 mkm x 3.02 mkm) /1 mkm
- 9- = 0.397 mkm x 2.9219
- 10- = 0.406 mkm x A

I- Discussion

The previous data contains the moon orbit all data– let's examine it in following:

Equation no. 5

- 1.16 mkm = 43000 km x 27.3 x 0.99
 - 43000 km = Lunar Orbital Distance Between Perigee And Apogee
 - 27.3 days = The Moon Orbital Period
 - 0.99 = A Geometrical Rate Is Used In The Solar System Geometry
- Equation meaning is unclear yet...

It may tell that – if the moon moves through 43000 km once daily – so during his orbital period will pass a distance = light motion for 1 second – but the data used the rate 0.99 which is geometrical rate but its effect is unclear still...

The previous data are the moon data (43000 km and 27.3 days) – so regardless the explanation – these data tells they are related to light motion (supposed velocity 1.16 mkm/sec) for 1 second.

So may this equation supports the meaning that the moon orbit is created by light motion for 1 second (1.16 mkm)

Equation no. 7

Equation no. 6 which is discussed already – So let's discuss equation no. 7

1.16 mkm = 377000 km x 3.07 note please **(3.07)² = 9.42**
377000 = Total Solar Eclipse Radius Please remember

- 01- Saturn orbital distance 1433.5 mkm = **9.42** x Earth orbital distance 149.6 mkm
- 02- Saturn Diameter 120536 km = **9.42** x Earth Diameter 12756km
- 03- Earth axial tilt 23.4 degrees = **9.42** x Saturn orbital inclination 2.5 degrees
- 04- Saturn Mass = **9.42** x 10 x Earth Mass

Also please remember

- 05- (2.58 mkm/day Earth velocity daily)/ (0.838 mkm Saturn velocity daily) = **3.07**
- 06- (0.838 mkm/day Saturn velocity daily)/ (88000 km moon daily displacement) = 9.52
(ii) 9.52 x 0.99 = **9.42**

What's the useful result we have received from this equation no. 7

$$1.16 \text{ mkm} = 377000 \text{ km} \times 3.07$$

The Total Solar Eclipse Radius = 377000 km is created based on light motion for 1 second!

The rates between 1.16 mkm and 0.377 mkm are geometrical rates and found for geometrical reason – and that means the value 0.377 mkm is found from this one 1.16 mkm by some geometrical process

With the radius 0406 mkm this discussion will be extending in much better form.

Equation no. 8

$$1.16 \text{ mkm} = (0.384 \text{ mkm} \times 3.02 \text{ mkm}) / 1 \text{ mkm}$$

$$3.02 \text{ mkm} = \text{Venus velocity per solar day}$$

i.e

$$1.16 \text{ mkm} / 3.02 \text{ mkm} = 0.384$$

This is the correct form for this equation where

$$3.02 \text{ mkm/ day} = \text{Venus motion for one solar day}$$

$$1.16 \text{ mkm/sec} = \text{light motion for 1 second}$$

So

Equation no. 8 tells that light motion for 1 second is interacted with Venus motion for 1 solar day – this interaction produces the rate 0.384

Now the moon orbital diameter = 1 mkm (my supposition) – so $0.384 \times 1 \text{ mkm} = 0.384 \text{ mkm} = \text{Moon Orbital Distance}$

This equation shows Venus effect on the moon orbit

Note please

Venus causes the moon orbit to regress yearly 19 degrees –

That's why

$$3.02 \times 2\pi = 19 \text{ degrees}$$

Where

3.02 mkm/ daily is Venus Velocity – we know that 3.02 mkm = 3.02 degrees

Equation no. 10

$$1.16 \text{ mkm} = 0.406 \text{ mkm} \times A$$

- Light Motion for 1 second causes Pluto to move 1 solar day
- Pluto moves during a solar day a distance 406000 km

$$A = \frac{\text{Light Motion For 1 Second (velocity 1.16mkm/sec)}}{\text{Pluto Motion for 1 solar Day (velocity 0.406mkm/ day)}} = 2.85714$$

And we have many of the solar system data is created based on this rate $A=2.85714$

Let's remember that proving table

Proving Table

Table No.1	The Rate = A = 2.857= (1.16/0.406)		
The Rate between 2 Values		= A	Error
((1.16 mkm/sec) – (0.3mkm/sec))/ (0.3mkm/sec)=		= A	
Solar Planets Masses Total / 0.5 Jupiter Mass=		= A	1%
Planets Diameters Total 366550 km/ Jupiter Diameter 142984 km=		= A	
Jupiter Diameter 142984 km / Neptune Diameter 49528 km =		= A	
Mars Diameter 6792 km / Pluto Diameter 2390 km=		= A	
25920 mkm /9010 mkm (Saturn orbital circumference)=		= A	
655 mkm (Jupiter Saturn distance) /227.9mkm (Mars orbital distance) =		= A	
5906 mkm (Pluto Orbital distance) /2088 mkm (Jupiter Uranus Distance)=		= A	1%
Saturn diameter 120536 km/43000 km (moon motion freedom)		= A	
Outer Planets Axial Tilts Total 278.4 deg / Uranus axial tilt 97.8 deg		= A	
41 deg (planets orbi. inclinations total) x 2/ Neptune axial tilt 28.3 deg		= A	1.4%
511.1 deg (planets axial tilts total) / 180 deg		=A	0.6%
Neptune axial tilt vertically 118.3 degrees /41deg (planets orbi. inclinations total)=		= A	1%
Neptune Axial Tilt 28.3 degrees / π^2		= A	
Earth Moon Orbi. Inclination 5.1 deg/1.8 deg Neptune orbi. Inclination		= A	0.7%
(7 deg= Mercury orbi. Inclination) ² / (17.2deg Pluto orbi. Inclination)		= A	
177.4 deg (Venus Axial Tilt) / $2\pi^3$ =		= A	

Conclusion

The value 0.406 mkm = apogee radius – is found based on the light motion for 1 second 1.16 mkm – through a geometrical process

That means – these 2 values are related to each other because there are geometrical processes between both – proving that 0- the value 0.406 mkm is found based on 1.16 mkm (light motion for one second)

More about the solar system main equation

$$Z = 2x + 1 y$$

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

Means both values 0.406 mkm and 0.377 mkm are created by the equation relative to each other...

Which supports the claim that – the moon orbit is created based on light motion for one second 1.16 mkm (supposed velocity 1.16 mkm/sec).

3-4 Moon Diameter is created of 0.3 mkm

I-Data

- 11- 10921 km (the moon circumference) x 27.3 days = 300000 km
- 12- 12756 km (Earth diameter) x 23.4 (earth axial tilt) = 300000 km
- 13- 10921 km (the moon circumference) x 86400 seconds = 940 mkm
(940 mkm = Earth orbital circumference)
- 14- 3475 km (moon diameter) x 43000km = 149.6 mkm² (Earth orbital distance)

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

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

$$\frac{\text{Saturn velocity}}{\text{Uranus velocity}} = \frac{\text{Planets Masses Total}}{\text{Jupiter Mass}} = \frac{\text{Planets diameters total}}{2 \times \text{Jupiter diameter}} = \frac{\text{Jupiter Radius}}{\text{Uranus Diameter}} = \frac{\text{Mercury Diameter}}{\text{Moon Diameter}}$$

I-Discussion

We will not discuss all this data here- because point no. 4 will have a similar discussion- so we will discuss some of this data and the rest will be discussed there.

Equation no. 11

10921 km (The Moon Circumference) x 27.3 days = 300000 km

This equation tells that – if the moon rotates around his axis once daily – so during its orbital period (27.3 days) the moon will pass a distance = light motion for 1 second

Equation no.12 shows that Earth diameter also is created depending on light motion for 1 second (300000 km) – which supports the claim that Earth and moon does one unified motion together

Equation no. 13

10921 km (Moon Circumference) x 86400 seconds (Solar Day Period) = 940 mkm (Earth orbital circumference)

What does this equation tell us?

The equation tells that

If Earth revolves around the sun one complete revolution in one solar day only – so the moon circumference will equal a distance passed by Earth Motion during 1 second period.

So this equation refers to the possibility of existence more than one rate of time i.e.

If there's another rate of time in the solar system – let's call this rate of time (T_2) and our known rate of time let's call (T_1) – so If
 T_1 (one sidereal year = 365.25 solar days) = T_2 (one solar day only)
If there are these 2 rates of time in the solar system – so the moon works for both
According to the previous equation...

Equation no. 14

3475 km (moon diameter) x 43000 km = 149.6 mkm² (Earth orbital distance)

This is an interesting equation

We know the value

43000 km = the lunar distance between perigee and apogee

3475 km = the moon diameter

149.6 mkm = Earth orbital distance

This equation tells simply these three values are created relative to each other
How?

Because we deal with one unified motion is done by Earth and moon – that causes them to be created depending on each other

Please note

The previous explanation has some confidence because the data is the planet data

For example

27.3 days = moon orbital period and 10921 km = moon circumference

both data is related to the same planet – and based on this data $27.3 \times 10921 = 0.3 \text{mkm}$
so light motion distance during 1 second period is produced by the planet own data

for Earth this also happened

12756 km (Earth diameter) x 23.45 degrees (Earth axial tilt) = 300000 km (light motion for 1 second) – the planet own data do that which supports the claim the planet data depends on light motion for 1 second to produce its data..

4- The Moon As A Planet (Matter)

4-1 Mass is created of light beam

4-2 The Moon Orbital Motion (Revision)

4-3 Mass Gravity Effects On The Moon Motion

4-1 Mass is created of light beam

I- Data

(15)

25920 = 81.5 x 318

Where

318 = (Jupiter mass/ earth mass) and 81.5 = (Earth mass/ moon mass)

(16)

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

I-Discussion

Equation no. 15

(a)

Light with known velocity (0.3 mkm/sec) passes a distance = 25920 mkm during a solar day (86400 seconds)-

(b)

The moon orbital diameter = 1 mkm (conclusion)

So

25920 mkm/ 1mkm = 25920

The result value is a rate= Jupiter mass/ moon mass

I try to show that – the moon data is created based on light beam with known velocity 0.3mkm/km

Please note

Why I suppose the moon diameter = 1 mkm?

Apogee radius = 406000 km –so the diameter should be 810000 km

But through Venus data I have found that it's more suitable to consider this diameter = 1mkm (it was old discussion)- any many data supported it as this one

Equation no. 16

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

This equation is important one – we have discussed before –
Let's summarize it's idea here

(4.37 mkm/0.3 mkm) – this is the last term

It tells the sun diameter depends on light motion with known velocity (0.3mkm/sec) for 1 second

That makes all these values are created based on light motion (0.3mkm/sec) for 1 second –

Earth mass and the moon diameter both are created based on this same concept

So this equation provides a clear support for the claim that the moon data (diameter and mass) are created based on light motion (0.3mkm/sec) for 1 second..

4-2 Moon Orbital Motion (Revision)

We have to review the moon orbit suggested theory before to analyze it – let's review it in following..

- The moon moves 2.58 mkm per solar day equal to Earth motion distance (2.58mkm) per solar day – and by such way – the moon and Earth will not be separated from Each other during their motions course
- The Moon motion manner is similar to Earth Manner Motion – as Earth revolves around the sun and moves with straight trajectory approximately inclines with less than 1 degree daily (0.985 degrees per solar day) –the moon motion is similar to that.
- We know that there are relativistic effects in the solar system which cause different length contraction rates which are $(1.0725 - 7.1 - 71 - (7.1)^2 - (71)^2)$ We had discussed the relativistic effects in the solar system frequently before and provided many proves about them. Please review (Relativistic Effects Discussion) <http://vixra.org/abs/1907.0523>
- The length contraction effect with rate 1.0725 effect on The Moon Daily Motion which is (2.58 mkm) to contract it and be = (2.41 mkm)
- Because the moon daily motion is contracted from 2.58 mkm to 2.41 mkm – that causes **A Difference In Velocities Between Earth And Moon Motions** – so they don't move by equal velocities after the contraction effect.
- We may remember Einstein rock which he left to drop from the moving train- where Einstein have seen the rock dropped in straight trajectory of motion but the people on platform have seen the rock moves in parabola (why the motion trajectories are different? Because there's a difference in velocities between the moving train and the platform)
- Similar to that –**There's A Difference In Velocities Between Earth And Moon Motions**– where the moon motion should be in straight trajectory (inclining with 0.985 degrees) as similar to Earth motion– but the difference in velocities causes the moon motion **To Be Seen In Parabola Form**.
- Now the moon contracted motion distance =2.41 mkm and is done in parabola form –based on that the moon must be separated from Earth during their motions course.
- The **Masses Gravity** forces effect on the moon and force him to move an additional distance =88000 km daily (The Moon Daily Displacement)
- Because the solar system is one machine – the distance 88000 km = the moon daily displacement – will be used to produce the required distance which equal = 176000 km – this is the required distance to be added to 2.41 mkm to

produce 2.58 mkm = Earth Motion Daily to guarantee the moon and Earth will not be separated from each other -

i.e.

- The solar system geometrical mechanism uses 88000 km to produce the value 176000 km – means – the moon moves 88000 km only but it accounted for him as 176000 km by the solar system geometry effect
- The production of the distance 176000 km from 88000 km proves that – the solar system is one machine or one building (1st hypothesis) -and – the solar planets move together as a train moves with its carriages (**The Train Motion Concept**) (2nd hypothesis)
- The moon contracted motion (2.41 mkm) is done in parabola form – that means – the additional motion (88000 km) (moon daily displacement) (and the result distance 176000 km)- **will be done also in parabola form** – which creates the elliptical form for the full cycle (27.3 days) (Moon Orbital Motion)
- Because the moon daily displacement (88000 km) is done in parabola form- for that reason – the moon orbital motion will be seen in elliptical form
- Based on that – the final distance (2.41 mkm+ 2 x 88000 km =2.58 mkm) – this distance (2.58mkm) will be seen also in elliptical form – **That's why the moon orbital circumference at apogee radius (r=0.406 mkm) =2.58 mkm = Earth Daily Motion.**

The previous explanation answers clearly our old question

Why Earth Daily Motion Distance = The Moon Orbital Circumference At Apogee Radius = Moon Daily Motion Distance?

- How the distance 88000 km can be 176000 km? this is done by Mercury help – each 1000 km of the moon motion will be equivalent to 1 day of Mercury periods- that's why Mercury orbital period =88 days and Mercury day =176 days – this idea is discussed deeply in the previous paper – please review

Moon Orbital Motion Analysis <http://vixra.org/abs/1910.0080>

Please review also

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

4-3 Mass gravity effects on the moon motion

While the moon (in light state) enters the moon orbit – it becomes a planet (matter state) made of matter because of the interaction between the moon orbit light beams (1.16 mkm/sec) and the moon light (0.3 mkm/sec) – now the masses gravity effect on the moon and force it to move by gravity – let's remember this force in following

Moon Displacement is done by Mars Mass Effect

I-Data

Group No. 1

A- (Earth Mass/ Mars Mass) = 9.3 (9.42 x 0.99=9.3)

B- (Mars Mass / Moon Mass) = 8.8

C- Mars orbital period 687 days =
=365.25 days (Earth orbital period) x 1.9 (Mars orbital inclination 1.9 degrees)
=27.3 days (Moon orbital period) x 25.2 (Mars axial tilt 25.2 degrees)

D- 25.2 degrees (Mars axial tilt) = 13.18 degrees (Moon Motion daily) x 1.9

Group No. 2

E- (Inner Planets Masses Total / Earth Mass) = 2

F- (Mars mass / Mercury Mass) = 2 (error 2.7%)

Group No. 3

G- (Venus Mass / Earth Mass) = 0.815

H- (Earth mass /Moon Mass) =81.5

I-Discussion

Gravity masses push the Moon to move its daily displacement (88000 km)

How that's happening??

The story starts by Data Group No.2

We remember that

Uranus orbital Distance = 2 x Saturn orbital distance – and we have asked why?

And how? Because Uranus and Saturn orbital distances should be defined distances for solar system one unified motion per solar day – and it was strange that – one motion creates in one period of time 2 different distances

The question was how? And the answer was because Earth Moon is a working gear between Uranus and Saturn – so the moon motion uses Saturn orbital distance to produce Uranus orbital distance (x 2) or vice versa

So the moon main job is to create the double value (of Saturn orbital distance) or to divide by half (Uranus orbital distance)!

How the moon does that?

Because the moon daily displacement =88000 km (which is done by masses gravity) and he has to move a double distance =88000 km x 2

The solar system geometrical mechanism creates the required distance and by this same machine Uranus and Saturn orbital distances are created

Research 1st Hypothesis Discussion (II) (Revised) <http://vixra.org/abs/1909.0661>

Group No. 2

$$E- (\text{Inner Planets Masses Total} / \text{Earth Mass}) = 2$$

$$F- (\text{Mars mass} / \text{Mercury Mass}) = 2 \quad (\text{error } 2.7\%)$$

Previous equations tell the meaning clearly – inner planets masses create the rate =2 with Earth mass (Moon parent)

And this same rate (2) is transported to define the masses rate between Mercury and Mars (Why??) because Mercury is the first inner planet and Mars the last one

The rate is the same (double value =2) and transports from the inner planets masses total to Mars Mass – that's why Mars pushes the moon to do its displacement – because Mars Mass works in behalf of all inner planets Masses

Now let's see how Mars does that

Group No. 1

$$A- (\text{Earth Mass} / \text{Mars Mass}) = 9.3 \quad (9.42 \times 0.99 = 9.3)$$

$$B- (\text{Mars Mass} / \text{Moon Mass}) = 8.8$$

$$C- \text{Mars orbital period } 687 \text{ days} =$$

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

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

$$D- 25.2 \text{ degrees (Mars axial tilt)} = 13.18 \text{ degrees (Moon Motion daily)} \times 1.9$$

More Discussion

The data is clear and strong

Almost Earth and Moon Motions Data corresponds to Mars Data (as points no.3 and 4 show that clearly)

But where the Mass Gravity??

Equation no.A

$$(\text{Earth Mass} / \text{Mars Mass}) = 9.3 \quad (9.42 \times 0.99 = 9.3)$$

$9.42 = 3\pi$ = this is the rate between Earth and Saturn data – which we have discussed deeply in Research 1st Hypothesis Discussion (II) (Revised) <http://vixra.org/abs/1909.0661> (page no. 26)

because this rate is so important for Earth and Saturn – it shows that the effect on Mars is deeply and effective

Equation no.B

$$(\text{Mars Mass} / \text{Moon Mass}) = 8.8$$

This is the equation based on which the moon daily displacement (88000 km) is created where ...88000 km = 8.8 x 10000

But

$$10000 = \text{Ligh}$$

t Velocity / Earth Velocity

Group No. 3

G- (Venus Mass / Earth Mass) = 0.815

H- (Earth mass /Moon Mass) =81.5

Deep Discussion

Equation no. 8 = Equation no. 7 x 100

Simply $(0.815) \times 100 = 81.5 \dots\dots (100)^2 = 10000$

That tells us – Venus mass works as a base for the moon displacement motion

But Mars works as the player – that tells us why Mars Data is in harmony with Moon motion

But – also Venus data shows some effect on the moon motion – for example

Venus moves daily 3.02 mkm which we may consider =3.02 degrees

3.02 degrees x $2\pi = 19$ degrees

The moon orbit regresses yearly 19 degrees – we know now that – Venus is the reason for this regression

Shortly –

The data shows that Masses Gravity push the moon for its daily displacement – but – that happens also through the solar system interaction geometry and not by any individual mass – that explains why the moon orbit data expresses all solar planets

For example

1- Moon Perigee radius =363000 km = outer solar planets diameters total (1%)

2- Moon Apogee radius =406000 km = solar planets diameters total

3- Perigee Apogee distance (space only) = inner planets diameters total

Such data is found basically because of the cooperative effect on the moon motion is done by different solar planets to push the moon to perform its daily displacement.

Note Please

(1)

$(\text{Solar Planets Masses Total}) / (\text{Uranus Mass}) = \pi^3 \times 0.99$

I wish we remember Space Main Equation

$90000 \text{ mkm} = \pi^3 \times 2872.5 \text{ mkm}$ (Uranus Orbital Distance)

Where π^3 was the main factor on which Uranus depends to create its orbital distance

We should have more confidence in our explanation where the similar data supports the same direction ...

So π^3 was the main player in Uranus (general) Data

Research 1st Hypothesis Discussion (II) (Revised) <http://vixra.org/abs/1909.0661>

(page no. 14)

(2)

Saturn Mass = 116.75 Venus Mass

Venus day =116.75 solar days

That shows how the masses rate effect on the planet own motion and geometrical structure

5- The Moon becomes a light beam again (passing over)

Now we will finish the story

The moon was a light beam (0.3mkm/sec) and enters the moon orbit in which there's a light beam (1.16 mkm/sec) – they got interaction (coherence) and created the planet moon based on this interaction

The moon is a light beam (energy) sent to Earth from Uranus – and now the moon becomes a planet

How the moon can transport the energy which he got from Uranus to Earth?

While the moon is in matter state can't be nearer than perigee radius (363000 km)?

The moon does its job through **The Total Solar Eclipse Phenomenon**

In eclipse umbra the energy is transported from the moon to Earth

Is there any proof for that?

2088 mkm = Jupiter Uranus Distance

Light with known velocity (0.3 mkm/sec) needs 6939.75 seconds to pass 2088 mkm
Now

Metonic cycle 6939.75 days

So the moon moves one day as a planet for each 1 second of light motion during Jupiter Uranus distance

So through the eclipse phenomenon – the moon transports the energy

What's the importance of eclipse cycle as Metonic & Saros? Why these periods are important at any case?

Because the energy transportation is done based on the quantized measurements

So these periods define when the quantum of energy becomes ready to be used – that's the basic reason behind the cycle

The cycles define the dates in which the energy can be transported

Solar Eclipse Job (Conclusion)

Solar eclipse phenomena transports the energy from the moon to Earth through the Solar Umbra –

Please review

Jupiter Uranus Distance (Metonic Cycle Reason) (revised)

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