Uranus Is Perpendicular on Earth Moon Orbit
By Gerges Francis Twadrous

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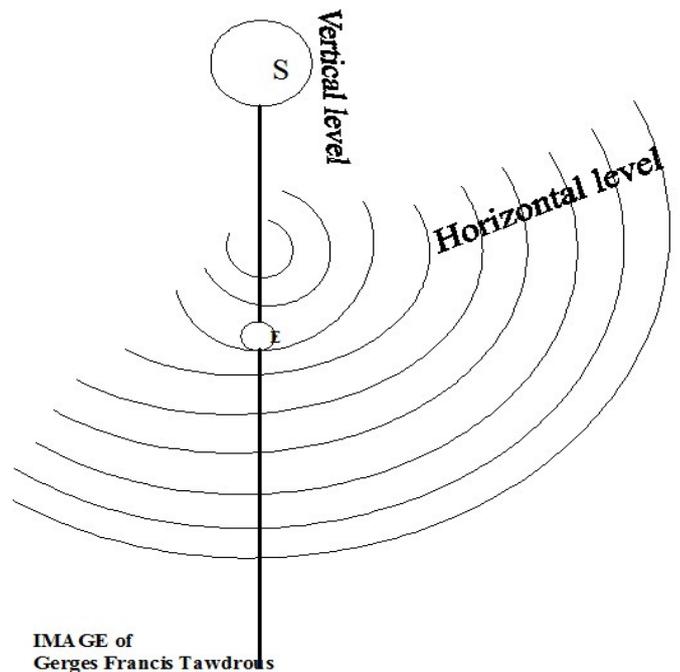Peoples' Friendship University – Moscow – Russia -2010-2013
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The Assumption Of S. Virgin Mary -Written in Cairo – Egypt – 17th June 2019

Abstract

1- Uranus Is Perpendicular On Earth Moon Orbit

2- The Sun Also Is Perpendicular On Earth Moon Orbit (The Sun And Uranus Are On The Same Horizontal Level)

3- The Rest Planets Are Found On Stair Steps Relative To Each Other – (Graduated Horizontal Levels).

4- The Solar Planets revolve around the perpendicular line from the Sun to Earth.

5- The Solar Planets doesn't revolve around the sun herself.

COPERNICUS – KEPLER MODEL MODIFICATION

S

Vertical level

Horizontal level

IMAGE of
Gerges Francis Tawdrous

- The Planets Revolve Around The Line Connected Between The Earth And The Sun, And Not Around The Sun Herself.

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1- Introduction

Firstly let's ask

Does The Moon Orbit Create Specific Vision For The Solar Group?
What does that mean?
The Moon revolves around the Earth – moving through the space
But

How This Space Around The Earth Is Created?

How the Space is Created?

I suppose that the space is Energy…
That means the distance is Energy
Now, we know the motion is related to the energy …

That means
The Moon motion around the Earth may
(1) Create The Space Around The Earth
Or at least
(2) Effect on the space around the Earth

What does that mean? means
We Are Prisoners Behind The Moon Orbit

Shortly
The Moon Orbit Effects On Our Vision Concerning The Solar Group

Conclusion
If we don't understand the moon motion trajectory we can't understand the solar group geometry because we see the solar group data through the moon orbit geometrical rules and effects…

Simply
The moon orbit is our window to the solar group geometry and our first question to solve – because without solve it – we can't solve any other question…

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2-Methodolgy

- I use The Same Methodology In All My Papers
- I use NASA Planetary Fact Sheet (http://nssdc.gsfc.nasa.gov/planetary/factsheet/)
- I analyze the solar planet data to see the geometrical rules and concepts on which this data is created….
- As in Pythagoras rule ($a^2 = b^2 + c^2$) if we have a right triangle its dimensions are 3,4 and 5 – so by analyzing the values 3,4 and 5 we may reach to Pythagoras rule – that's why I analyze the solar planets data….

Let's use one example for better explanation….

How the solar planet orbital distance is defined? By gravitation equation (m/r^2)

Let's analyze this answer …. in following….

(1)
- The inner planets order (Mercury – Venus – Earth) shows that there's some relationship between the planet diameter (and mass) with their orbital distance, means **Greater Diameter (And Mass) needs Greater Orbital Distance** …

(2)
- The outer planets order (Jupiter- Saturn- Uranus- Neptune – Pluto) tells that the rule is reversed where **Greater Diameter needs Shorter orbital Distance** …. But…. The order depends on The Diameter and NOT on The Mass because Uranus Diameter is greater than Neptune where Neptune Mass is greater than Uranus..

(3)
- So there's a relationship between the planet diameter and his orbital distance and this relationship is reversed after Mars for some reason- (where the Data doesn't support **the relationship between the planet mass and orbital distance** which disproves the gravity concept)

When we have asked this question…the answer was because of **"The Initial Points"**

But we couldn't accept this answer…because
- The inner planets and outer planets orders provide 2 different forms of **the same rule** ….. means all planets order provide a clear proof that there's a relationship between the planet diameter and orbital distance (and disproves the relationship between the planet mass and orbital distance)
- The rule reversal is done with Mars which provide an important question needs to be discussed in more researches about Mars Position Evaluation…

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3-The Energy Monition Direction Through The Solar Group

3-1 Solar Group New Vision

3-2 Solar Group Main Energy Direction

3-3 There Are Relativistic Effects In The Solar Group

3-4 Solar Group Total Energy

3-5 Solar Group Additional Energy Direction

3-1 Solar Group New Vision

The Solar Group Is One Building

Explanation & Features

1- The Solar Group is One Building And Each Planet Is A Part Of This Same Building ….

Or

2- The Solar group is One Trajectory of Energy And Each Planet Is A Point On This Same Energy Trajectory….

Or

3- The Solar Group Is One Machine And Each Planet Is A Gear In This Same Machine …

Or

4- Solar Group Is A Great River And Each Planet Is A Canal of this same river

5- The solar group has <u>One Great Job</u> which is divided into integrated tasks for each planet has one task which should be integrated and cooperated with other planets tasks to perform the General One Great Job….

i.e.

6- Each Planet Data (Diameter- Mass- Orbital Distance -…. etc) is created to be suitable for this planet required task in the whole building and **<u>No Solar Planet Single Data Can Be Created Independently</u>**

A Comment

The Previous Vision provides one clear idea let's summarize it in following:

The solar group consists of planets and distances –all these items are created from One Unified Energy –

This Energy travels from point to another point, creating the planet matter (because mass is made of Energy as the equation $E=mc^2$ tells) and the Planet orbital distance (because I suppose the space is Energy) –

Shortly

It's one energy only –starts from the sun and travels to Pluto – through the trajectory – this same energy creates the mass and distance (i.e. creates the matter and space)

This Vision is old Idea – I have discussed it frequently in my papers – so

What role this paper does?

In this paper **We Try To Define The Solar Group Energy Motion And Directions – Also We Should Discuss If The Energy Travels In The Same Direction Always Or Change It Through Its Trajectory.**

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3-2 Solar Group Main Energy Direction

I-Data

Equation No. 1

(Pluto Orbital Circumference- Jupiter Orbital Circumference) xπ =100224 mkm

100224 mkm =

$$\frac{28255 \text{ mkm (Neptune Orbital Circumference)}}{2 \times 86400 \text{ mkm}}$$

But

100224 million km   = **(Pluto Orbital Circumference – Jupiter Orbital Circumference) x π (I)**
                     (Error less 1%)

(Neptune orbital Circumference – Earth orbital Circumference) x π = **86400 mkm**   **(II)**

(Venus Orbital Circumference follow simply equation II where the error less 1%)

II- Discussion

How to understand Equation No. 1?

Let's suppose that – the space is Energy – means The distance is Energy – so the distance between Pluto and Jupiter is Energy…

So this distance value is multiplied by π (Which I don't know yet why!) to produce the number 100224 mkm

Now this number is suitable for the other values! (by many pure coincidences!!)

Neptune Orbital Circumference consumes only 16% of this number (=28255mkm)

The rest value will be divided into 2 equal values each =**86400 million km**

This last number also can be produced by another way!!

Neptune Orbital Circumference Minus Earth Orbital Circumference = will produce the value which should be multiplied with π to produce 86400 mkm

So- the Pure Coincidences can be acceptable any how!

How to explain that…? Very easy…!

-   The energy is sent from Jupiter toward Pluto (**NOTE** Energy Direction)
-   Neptune uses the sent energy and built his orbital circumference consuming 16% of the total energy
-   Neptune reflected the rest energy into 2 equal trajectories –each has 86400 mkm-
    o The 1st Trajectory is sent to Earth and Venus (together)
    o The 2nd Trajectory is sent to Mercury (alone)

In what form Jupiter sends his energy to Pluto?

In light beams form – light beam its velocity = 1.16 million km per sec. – Jupiter sends this light beams for 2 complete days (86400 seconds x 2) = the produced energy will be **100224** and will be see in a space form

This idea I have discussed in my previous paper

There's A Light Beam Travels With 1.16 mkm/sec http://vixra.org/abs/1904.0236

The Useful result

From the previous Discussion we learnt one information only that:

Solar Group Energy travels From Jupiter Toward Pluto

Pluto ◄───────────── Jupiter

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3-3 There Are Relativistic Effects In The Solar Group

-The Main Idea

I claim that – There Are Relativistic Effects In The Solar Group –

i.e.

There's a physical point in the solar group travels will velocity = 0.99c relative to another physical point in the solar group (where c = light velocity)

And because the solar group is one Trajectory of Energy (i.e. one building or one machine) so these relativistic effects are spread in the solar group…

This idea I have discussed clearly in my previous paper

There Are Relativistic Effects In The Solar Group http://vixra.org/abs/1903.0565

We need just the useful result to complete our discussion…. What useful result here?

If   v=0.99c   So

Lorentz equations tells us that – length contraction effect with rate 7.1 can be found – i.e.

If we find 2 distances A and B where A=7.1 x B

So that means B is the contracted length of A – by velocity v =0.99c

I have many as these distances –

For example

- Earth daily moves a distance = 2.58 million km –
- Earth Moon distance when the moon in perigee = 0.363 million km
- **Where 2.58 mkm = 7.1 x 0.363 mkm**

Also

- **0.363 mkm = 7.1 x 51118 km (Uranus Diameter = 51118km)**

I don't provide any explanation here – I try to show that there are many values have the rate 7.1 –

So I try to explain why this rate 7.1 is repeated frequently and explained that depends on the relativistic effects – it's my idea to solve this question-

In fact

There many other rates are reported frequently as much as the rate 7.1

These rates are 71 and 1.0725

For the rate 71 we know that the velocity v = 0.99c had changed for some reason to be v=0.9999c which produces 71 as a rate for length contraction effect

But

The rate 1.0725 is so complex – and I have tries to explain how this rate is produced – my idea is as following-

Suppose we use the rate 7.1 in some complex geometrical structure – according to the following equation

$$\frac{7.1}{100} + 1 = 1.071$$

So the rate 1.0725 uses in fact the same velocity v=0.99c but by some complex geometrical process- we need to understand this geometrical mechanism but now any way we can claim that there are relativistic effects in the solar group

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Example:

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

$$\frac{115.2 \text{ Mars axail tilt}}{113.7 \text{ Earth axail tilt}} = \frac{116.7 \text{ Satrun axail tilt}}{115.2 \text{ Mars axail tilt}} = \frac{118.3 \text{ Neptune axail tilt}}{116.7 \text{ Satrun axail tilt}} = \frac{127.2727}{118.3}$$

II- Discussion

The 1st Equation shows that the rate 1.0725 is found between 4 planets axial tilts
The 2nd Equation tries to prove that the effect which is found in the 1st Equation is deep effect and can be see also on the vertical levels of these axial tilts values
Now let's summarize the situation…
Far from my claims and explanations ….the data is clear before us….
Neptune – Saturn – Mars and Earth Axial Tilts are rated to each other with 1.0725
Why?
I don't accept the pure coincidences claim- so I create the relativistic effects idea
The previous data is an example – in following we may support it:

I – Data (Distances)

1st- $\dfrac{\text{Earth Daily Motion 2.58 mkm}}{\text{Moon Orbital Circumference 2.41 mkm}} = 1.0725$ (No Error)

2nd- $\dfrac{\text{Apogee orbital radius (406000 km)}}{\text{Total Solar Eclipse radius (378500 km)}} = 1.0725$ (No Error)

3rd- $\dfrac{778.6 \text{mkm Juppiter Orbital Distance}}{720.3 \text{ mkm Jupiter Mercury distance}} = 1.0725$ (0.7%)

4th- $\dfrac{720.3 \text{ mkm Jupiter Mercury distance}}{670 \text{ mkm Jupiter Venus Distance}} = 1.0725$ (No Error)

5th- $\dfrac{670 \text{ mkm Jupiter Venus Distance}}{629 \text{ mkm Jupiter Earth Distance}} = 1.0725$ (0.6%)

6th- $\dfrac{\text{Saturn Orbital Distance (1433.5 mkm)}}{\text{Sarurn Venus Distance (1325.3 mkm)}} = 1.0725$ (Error 0.8%)

7th- $\dfrac{\text{Saturn Earth Distance (1284 mkm)}}{\text{Sarurn Mars Distance (1205.6 mkm)}} = 1.0725$ (Error 0.7%)

8th- $\dfrac{\text{Uranus Orbital Distance (2872.5 mkm)}}{\text{Uranus Mars Distance (2644 mkm)}} = 1.0725$ (Error 0.7%)

Please review
There Are Relativistic Effects In The Solar Group http://vixra.org/abs/1903.0565

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3-4 Solar Group Total Energy

I- The Main Idea

My Solar Group suggested Vision tells that the group with the sun are created from one energy – where this one energy travels from point to another point through the solar group to create the matter and space from the same energy, making them to consist one geometrical structure only (or one building – one machine….etc)
What does that mean? means

The Sun Herself Is Created From This Same Energy…

And what does that mean?
If the sun is the highest point in this energy (Maximum Energy) – so that means

The Maximum Energy in the solar group creates the light beam

What energy we need to create the light beam?

$$C^2$$

So the factor C^2 expresses the Max Energy in the solar group…
i.e.

Solar Group Total Energy is C^2

How to understand C^2?
This is the hard question… because C^2 we have known from electromagnetic and electrodynamics studies – but any way – The solar group has her own geometrical rules and concepts- which we can con conclude from the data –
Shortly let's explain what does the Factor C^2 in the solar group

C^2 Meaning

C is light velocity – so light travels 300000 km per second
$(300000)^2 =$ **90000 million km^2**
That means

C^2 in the solar group means 90000 million km^2

This value 90000 million km^2 express the solar group total energy
And the factor C^2 (the same value) express the light beam energy
The difference in meanings are found because of the solar group geometrical rules which we need to discover and learn

Shortly

C^2 = 90000 mkm = Solar Group Total Energy

The sun light beams are created from this factor c^2

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II- Solar Group Main Energy (Solar Group Main Equation)

$$90000 \text{ mkm} = 86400 \text{ mkm} + 3600 \text{ mkm}$$

The previous equation is the most important equation in the solar group

The total energy $=90000 \text{ mkm}^2$
This Energy is divided into 2 parts

86400 mkm (I call it the main energy)
3600 mkm (I call it the additional energy)

Please Note
(1st Part)
86400 mkm is the main energy in the solar group – and this energy is sent from Jupiter toward Pluto where Neptune built its Orbital Circumference from this energy (consumed 16%) and reflected the rest energy into 2 Trajectories of Equal energy each trajectory has 86400 mkm – we have discussed that in previous sub-point no 3-2

This is the Main Energy
And we know this energy motion direction – from Jupiter Toward Pluto – which will reflected from Neptune toward the inner planets –
So this Energy travels on the horizontal level

(2nd Part)
3600 mkm^2 this value I call "**Solar Group Additional Energy**"

Which we will study in the following sub-point 3-5

For more details about the solar group main equation please review

The Solar Group Main Equation
http://vixra.org/abs/1809.0186

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3-5 Solar Group Additional Energy Direction

I-Data

Solar Group Main Equation

$$90000 \text{ mkm} = 86400 \text{ mkm} + 3600 \text{ mkm}$$

The Main Energy 86400 mkm   The Additional Energy 3600 mkm

II-Discussion

What we are doing here? Simply …

I try to prove that the additional energy motion direction is different from the main energy motion direction – and based on this difference I will try to prove that Uranus is perpendicular on the moon orbit…

We have here many difficulties…. Basically because there are in the solar group many new geometrical rules which we don't know – and these geometrical rules control the motions and description

For example

I concluded the following:

Time And Distance Values Can Be Equivalent As Relativistic Effect

What does that mean?

We know the relativistic effects are :

Mass Increasing – Time Dilation- Length Contraction

I add one more effect which is : Time and Distance Equivalence…

That means

Time value can work as distance value when the velocity near to light velocity……

this rule I have discussed deeply in my previous paper…

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

let's try to summarize the whole idea

A summary:

$$90000 \text{ mkm} = 86400 \text{ mkm} + 3600 \text{ mkm}$$

Total Energy 90000 mkm is divided into 2 parts

- 1st part (main energy) is sent from Neptune toward the inner planets in a **Distance Form**
- 2nd part (additional energy) is sent from Uranus toward the moon orbit in a **Time Form**

Because one value in distance and the other in time forms – that means- the main and additional energies don't travel by the same rule (through the same frame) or in the same direction…. Shortly there's some change happened to show one value in distance form and the other in time form…..

So our task is seen now clearly…. We have 2 jobs

(1) Prove that the value 3600 behaves as time value according to the planets data

(2) Explain The energy Motions Directions

Let's start immediately

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1st Job

I- Data

Equation No. (3-5)

   3600 seconds x 1.16 million km per second = 2 x 2088 million km

Where

3600 seconds (are used in place of 3600 million km)

1.16 million km / sec – this is a supposed light velocity – and that means – If there's a light beam travels with velocity =1.16 mkm/ sec – so this light beam will travel a distance = 2 x 2088 mkm during the period 3600 mkm

It's mere supposition…

The light velocity 1.16 mkm/sec I have discussed in my paper

There's A Light Beam Travels With 1.16 mkm per sec (My Claim)
http://vixra.org/abs/1904.0236

Now…. What's the distance 2088 mkm?

Jupiter Uranus Distance = 2094 mkm   (error 0.3%)

So the light beam with velocity 1.16 mkm will travel from Jupiter to Uranus during 3600 seconds….but why 2 x 2088 mkm? (Why 2?) – because in Planet Full revolution (360 degrees) the distance between Jupiter and Uranus is measured 2 times

What Useful Result here?

Useful Result

The energy of Value 3600 will be shown – by light travel - in a distance form – (Jupiter Uranus Distance) –

Please Remember –

The Energy Motion Direction – we know the main energy is sent from Jupiter Toward Pluto – and here the additional energy is found between Jupiter and Uranus and that means – the energy motion direction is **From Jupiter To Uranus and from Uranus Toward Jupiter**

So

<mark>The 3600 (energy) will be sent from Jupiter To Uranus</mark>

And to where Uranus will send this energy (3600)?

Let's Discuss that in following

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2nd Job (Uranus Effect On Earth Moon Orbit)

Main Idea

I wish the reader has a mercy on my try to understand- I try to explain the planet data and I don't create any ideas from my mind – the planet data is my leader – so if there's another explanation please refer to it in comments.

What value we work for?

3600 mkm which is used as 3600 seconds and produced the distance 2088 mkm

The visible light beam (with known velocity 0.3 mkm/sec) needs 6939.75 seconds to pass the distance 2088 mkm…. (From Jupiter To Uranus)

6939.75 seconds….

We know this number ….. but not in seconds ….. in days

Metonic Cycle =6939.75 days

Metonic Cycle is a cycle rotates by The Moon – this Cycle continues for 19 serial years = 6939.75 days (where the moon orbit regress yearly 19 degrees to complete the full revolution in 19 sidereal years)

Does it possible the light motion time (in seconds) transformed into Planet Motion (in Days) i.e.

Metonic Cycle is an energy transported from Uranus to the Moon orbit (and then to the moon) – but the 1 second period in light motion will be seen as 1 day period in the moon motion…

i.e.

The Moon (Planet) follows the light beam in its motion – but with a different rate of time because the moon has matter (mass).

What does that mean?

The solar group is one machine – consists of many gears (planets) – where these gears try to transport the energy In Time Form – **Where The Gears Together Try To Create 1 Solar Day Period Of The Matter Motion For Each 1 Second Period OF The Light Motion…**

I see how the idea is so strange and complex – I will not fight here…

What I try to do is the following:

 I need to prove that the moon orbit is related strongly with Uranus Data

i.e.

If I proved that Uranus Data is connected strongly with the moon orbit – that may be a proof for the claim – that - The Energy of 3600 mkm is transported from Uranus to the moon in Metonic Cycle form where the moon moves following the light beam with a different rate of time where each 1 second in the light beam motion is transformed into 1 day in the moon motion.

The useful Result

The additional Energy (3600 mkm) is sent already from Jupiter To Uranus – and I claim that this energy is sent from Uranus to Earth-moon orbit- we need to see in details how this energy will be transported.

Let's do that in the following point.

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4-Uranus Is Perpendicular on the Moon Orbit Plain

4-1 The Main Idea
4-2 Uranus and Neptune Relationship with the Moon Orbit
4-3 Why Uranus axial Tilt =97.8 degrees
4-4 The Moon Orbit Z-Axis
4-5 Metonic Cycle is A Vertical Motion

4-1 The Main Idea

How to prove that … Uranus is perpendicular on the moon motion orbit?

The following proves provide one Idea only
Which is….

There's Many And Different Data Supports The Claim That There's An Angle =90 Degrees Between Uranus And The Moon Motion Orbit
I use data relating to the moon orbit – Neptune – Uranus – and many others
This data shows that there's an angle =90 degrees between Uranus and the moon orbit.
Let's start immediately…

4-2 Uranus and Neptune Relationship with the Moon Orbit

I-Data

a- 1.8 deg. (Neptune Orbital Inclination) x 0.8 deg. (Uranus Orbital Inclination) = 1.44 degrees^2
1. **(a1)** 2 x 28.3 deg. (Neptune axial tilt) = 71 x 0.8 deg. (Uranus Orbital Inclination)

b- 71 deg. = 63.7 deg. (sun north pole declination) +7.25 deg. (sun Obliquity to ecliptic) deg.

c- 71 mkm =2.58 mkm (Earth Velocity Daily) x 27.3 days (Moon Orbital Period)=
2. 71 mkm =2.41 mkm (Moon Orbital Circumference) x 29.5 days (Synodic month)

d- 98.6 mkm = 71 x 1.392 mkm (The Sun Diameter)

II-Discussion
Equation (a)
The moon orbit regresses yearly 19 degrees (Metonic Cycle) – that means – monthly the moon orbit regresses 1.44 degrees…
Equation (a) tells us that – the moon orbit regression (1.44 degrees) is found by interaction between Uranus and Neptune orbital inclinations.
i.e.
The moon orbit regression depends on Uranus and Neptune orbital inclinations.
Equation (a1)
Will be discussed with Equation (c)

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Equation (b)

Equation (b) tells us that – the value 71 degrees = The Sun North Pole Declination + The Sun Obliquity to ecliptic – that means the value 71 is related strongly to the sun geometrical structure…

Equation (c)

Equation (c) tells that – the distance 71 mkm is performed by Earth motion during the moon orbital period or by the moon orbital circumference (which equals the moon motion daily according to my claim – please review – the moon orbital motion http://vixra.org/abs/1812.0200)

That means 71 million km is a defined distance in Earth and Moon motions

Please remember

Because Mercury Orbital Circumference =360 mkm =360 degrees that means 1degree= 1mkm – and this rate is used for Mercury and for all other solar planets – that because the solar group is one machine and the rate can be transported with the energy from planet to another.

So

71 mkm = 71 degrees

And we have seen that

71 degrees is related strongly to the sun and 71 mkm is related strongly to the Earth and moon system – that may tells that – the total eclipse phenomenon has specific job in the solar planet geometry we don't know yet.

Let's return to equation (a1)

Equation (a1)

2 x 28.3 deg. (Neptune axial tilt) = 71 x 0.8 deg. (Uranus Orbital Inclination)

Note Please

(180 degrees / π) = **2 x 28.6** degrees

So the Equation left part is very near with this value with error only 1%

(I have discussed this error 1% in previous papers)

That tells the value (2 x 28.3 degrees) is defined as based in geometry because it's uses the cyclic number π only and isn't defined for any specific Value..

The right part

71 is the value relating strongly to the sun, Earth and Moon system

What does equation (a1) tell us?

It tells that

Neptune axial tilt and Uranus orbital inclination are related to the main value in Sun, Earth and Moon System (the value 71)

So The Previous Data may support the claim that "there's a relationship between Uranus and Neptune on one side and the moon orbit on the other side"

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4-3 Why Uranus axial Tilt =97.8 degrees

I-Data

Equation 4 (Principle Equation)
23.45 degrees +7.8 degrees = 31.25 degrees = π^3

Note Please

Uranus Axial Tilt (97.8 degrees) / Jupiter Axial Tilt (3.1 degrees) = π^3 (approximately)

So the value π^3 expresses Jupiter Uranus Relationship

Equation 4-1
2872.5 mkm (Uranus orbital distance)= 97.8 Uranus axial Tilt x 29.37
(29.37 = (511.1 deg. planets axial tilt total/ 17.4 deg. Inner planets orbital inclinations total)

Equation 4-2
Uranus Axial Tilt 97.8 degrees= 5.1 The moon orbital inclination x 19 Metonic Cycle years

Equation 4-3
511.1 degrees (planets axial tilt total) = 98.7 x 5.1 (Moon orbital inclination)
    (98.6 deg. = 97.8 deg. Uranus axial tilt + 0.8 deg. Uranus orbital inclination)

Equation 4-4
Uranus Axial Tilt 97.8 degrees =7.25 degrees (sun obliquity to ecliptic) x $(3.66)^2$

Equation 4-5
Uranus Axial Tilt 97.8 degrees= 26.7 degrees (Saturn Axial Tilt)   x 3.66

Equation 4-6
6939.75 days (Metonic Cycle) = 511.1 deg. planets axial tilt total x $(3.66)^2$
(3.66 the rate between Earth diameter to Moon diameter and 3.66^2 the rate between Earth orbital period and Moon orbital period)

Note Please

(Earth Diameter / Moon diameter) = (Sun Diameter / Earth Moon distance) = 3.66

II- Discussion

We Discuss Only The Principle Equation No.4

Equation No.4

23.45 degrees +7.8 degrees = 31.25 degrees = π^3

What does tell us this equation?
Uranus Axial tilt = 97.8 degrees
Uranus is perpendicular on the moon orbit (my claim)
To effect on Earth horizontally – Uranus needs – 90 degrees – to overcome the perpendicular position ….. so Uranus Axial Tilt effects on Earth by Value 7.8 degrees only…

So the Equation tells us Why Earth axial tilt = 23.4 degrees? Because the moon orbit is found by Jupiter Uranus Energy- where this energy is seen in Jupiter Uranus relationship factor (π^3) and based on this factor Earth Axial tilt is produced in cooperation with the value 7.8 degrees…
I don't know the geometrical mechanism yet- but the data supports the claim clearly

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Please Note
(1)
The Factor (π^3) expresses Jupiter Uranus Relationship in all the solar group data
For example
C^2 = 90000 mkm = π^3 x 2872.5 mkm (Uranus Orbital Distance)
That tells us – Uranus Orbital Distance is defined according to 2 factors (1) the solar group total energy (2) Jupiter effect on Uranus….

(2)
The Data is so many – I tried to avoid the confusion by showing the previous data only
For example
122.5 deg. (Pluto Axial Tilt) x 0.8 deg.(Uranus orbital Inclination) = 97.8 deg (Uranus Axial tilt)

The previous Equation tells – that – Uranus and Pluto axial tilts are created depending on each other.
We may discuss this equation also – but I will be so difficult….
The reason is that…
Pluto and the Earth Moon are connected together by very strong relationship – we should discuss that later – any way Pluto daily velocity = (1/the moon daily velocity)
(3)
Also – as we have seen –
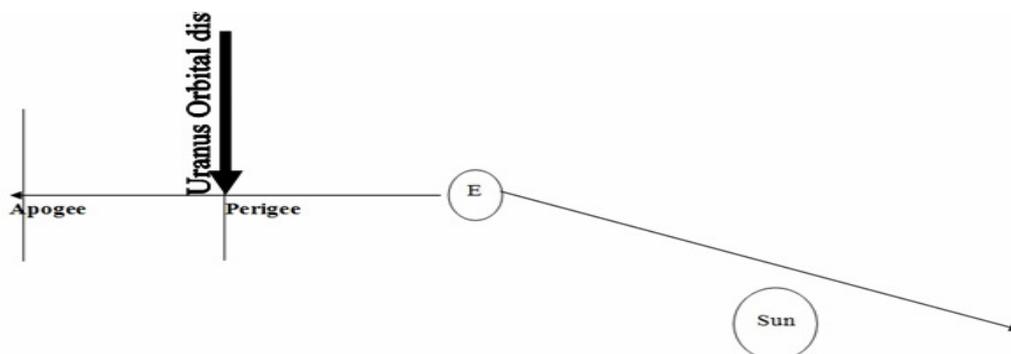-   Earth daily motion = 2.58 mkm = 7.1 x 0.363 mkm (Lunar Perigee Radius)
But
-   363000 km (Lunar Perigee Radius) = 7.1 x 51118 km (Uranus Diameter)
This Data also may support that there's some relationship between Earth Moon and Uranus. – this drawing I created to explain the idea
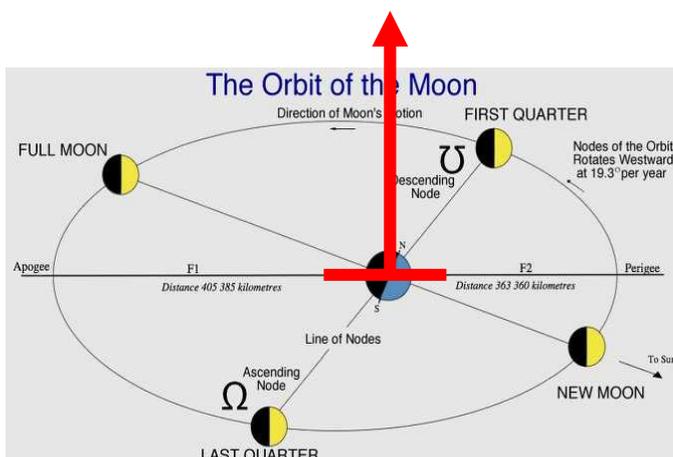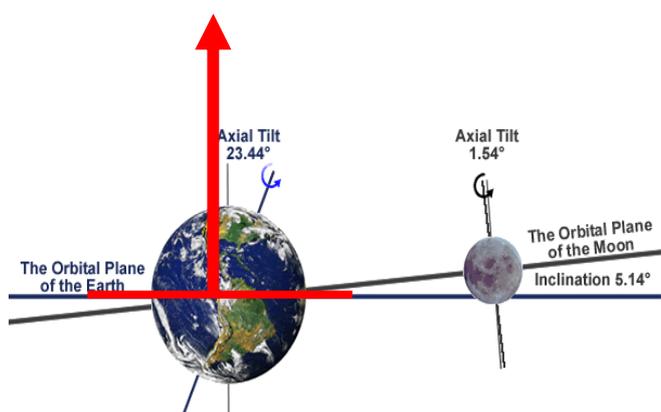Please review
Uranus Position In The Sky http://vixra.org/abs/1806.0212

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4-4 The Moon Orbit Z-Axis

A Hypothesis

1. Z-axis (The Moon Orbital Vertical Diameter) is one of the main geometrical players in the solar group Geometry, which effects on The Solar Group Motions General Harmony..

2. The Moon Orbit Z-Axis shows Uranus effect on the moon orbit – and proves that Uranus is perpendicalur on the moon orbit.

Hypotheis Explanation

Let's summarize the idea in three points only

The Moon Orbit Geometry

1-The Moon Orbital Geometrical Structure

2-The Moon Orbital Z- Axis geometrical necessity

3-Solar Planet Velocity

1- The Moon Orbital Geometrical Structure

It's a new try to understand the solar group geometry – in fact the fighting became so hard where we can't reach to a clear explanation….
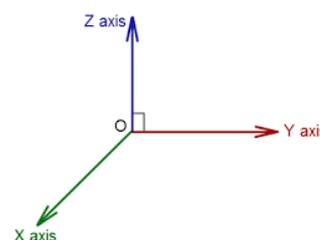
The difficulty – as we have stated before – is related to the basic definition and description….

Example for Explanation

The moon moves from perigee to apogee points through his orbit- the direct vision created a theory to explain this motion (may without data analysis) – so after we did the data analysis we have found that this motion has more geometrical features beyond the current theory- but the current theory had lived for centuries and who can change it? So I provide geometrical puzzles in my papers claiming that there are geometrical reasons behind and the current theory answers as machine "No geometrical reason behind…. All data is found by pure coincidences"…!

Let's return to the moon orbit… and see the puzzle directly in following:

The moon orbit radius of one point= 1/(moon orbital circumference of another point)!

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The gravity theory simply didn't see that! …but let's test if it's true!

$$\text{Moon Orbital Circumference at } R_n \text{ (In million km)} = \frac{1}{\text{Moon Orbital Radius } R_n \text{ (In million km)}}$$

- R_1 = 363000 km (Perigee Radius)   = 0.363 mkm   Circumference= 2.281 mkm
- R_2 = 377000 km (Total Solar Radius)   = 0.377 mkm   Circumference= 2.41 mkm
- R_3 = 384000 km (Moon Orbital Radius) = 0.384 mkm   Circumference= 2.58 mkm
- R_4 = 406000 km (Apogee Radius)   = 0.406 mkm   Circumference= 2.754 mkm

From the previous data we can conclude that, the rule is true
(1/0.**363 mkm**)   =2.754 mkm
 (1/0.**384 mkm**)   =2.58 mkm
(1/0.**406 mkm**)   =2.41 mkm

The Discussion

The previous data tells us that, the rule is performed correctly…
Specially the values 0.384 mkm and 0.406 mkm which show the rule perfectly….
     (1/0.**384 mkm**)   =2.58 mkm = 0.406 mkm x 2π
     (1/0.**406 mkm**)   =2.41 mkm = 0.384 mkm x 2π

For more details Please review   **The Moon Orbit Analysis**
http://vixra.org/abs/1811.0422
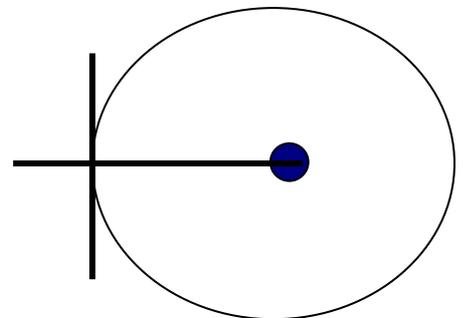or   https://www.academia.edu/37856075/The_Moon_Orbit_Analysis

Why the moon orbital circumference x moon orbital radius = 1mkm^2?

Let's try to see that geometrically
The orbital radius can be perpendicular of the orbital
circumference as shown in the figure…
Let's consider the radius r express x-axis
And the tangent express y-axis

The Orbital Radius = 1/(Orbital Circumference)….
i.e.

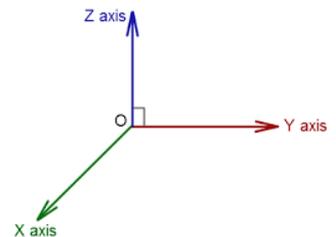The Orbital Radius x (The Orbital Circumference) = **1 (=Z-Axis)**

I wish the idea is clear….
The moon orbit is build based on geometrical rules and to
perform geometrical tasks… that disproves the current gravity
concept but also that provide us with very wide range of
research……why? Because
There's a geometrical reason to make z-axis = **1 Million Km^2**
While the moon orbit radius (Apogee = Max) = 0.406 mkm that means the orbital
diameter will be 0.812 million km only
but the geometrical structure tells us that the z-axis should be = 1mkm^2

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that means the geometrical structure extends behind the direct observation and means the data analysis is the only correct way to see the geometrical depth on which the moon orbit is built……..**What Does That Mean?**

The Moon Orbital Diameter = 1 million km and not 0.812 mkm …. This diameter works in the xyz plain (this conclusion can't be reach by the direct observation only) That means the moon orbit diameter = 1 mkm and the vertical one = 1 mkm also … so the value 1mkm^2 is found by multiplication both diameters…

First let's remember an old proof for the claim (the moon orbit diameter = 1mkm):

108.2 mkm (Venus Orbital Distance) x 0.377 mkm (Earth moon distance at total solar eclipse radius) = 41.4mkm^2 (Venus Earth Distance = 41.4 mkm) (error 1.5%)

How the area 41.4mkm^2 can be equal the distance 41.4 mkm?   It's easy…
Venus Earth Distance = 41.4 mkm (length) …let's suppose it's breadth = 1mkm
So the are will be 41.4mkm^2….

What does that mean? The Previous Different Distances didn't create by any gravity they were created by geometrical reasons.. they were created depending on each other…. That means the distance between Venus and Earth in fact is an area which is created with breadth 1mkm (we don't see this breadth- because we don't expect it) any way Venus keeps the moon inside this breadth around the Earth …. That means the moon orbit diameter (1mkm) is created with Venus orbital distance, Venus Earth Distance and the moon orbit radius (at total solar eclipse)…. We can see here that there are geometrical relationships between all these distances…

Shortly the equation supports the claim (**The Moon Orbital Diameter = 1mkm**)

2- The Moon Orbital Z- Axis Geometrical Necessity

Let's review our difficulty here….Shortly …

While the effect is done by many factors cooperation, the current theory claim that the gravity causes this effect so – the geometrical richness and complexity will be ignored for a naïve and very simple description can explain nothing…

How to solve this difficulty…. We need to provide the basic definitions…

Example

What's the distance (Space)? There was no definition… so it's a magician word…

Someone claims that (**The Space is Energy** - Hypothesis)

Now the situation is changed? The distance is created from the same stuff from which the matter is created? i.e. there's a logical reason why the solar planet diameter may have a relationship with the orbital distance … I have discussed this relationship in my previous paper (Solar Planet Diameter Creation Rule http://vixra.org/abs/1807.0190)
The distance is energy…!

If this idea is correct …. So we can find explanation for the puzzled data we have found from long time….let's remember it here in following…

Neptune Orbital Distance = 4495.1 mkm =

= 50.3mkm (Mercury Venues distance)   x 91.9 mkm (Mercury Earth distance)
=108.2 mkm (Venus orbital distance)   x 41.4mkm (Venus Earth distance)
= 57.9 mkm (Mercury orbital distance)   x 78.3 mkm (Earth Mars Distance)

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Why the multiplication of nay 2 distances produce 4495.1 mkm Neptune orbital distance? (4495.1mkm^2 can equal easily 4495.1 mkm –length- if the breadth =1mkm) Because

i.   The Distance Is Energy
ii. Neptune Orbital Distance is the energy source from which the inner planets created their orbital and internal distances…

1 mkm^2 (The Moon Orbital Vertical Diameter)

We have noticed that …

-   The Moon Orbital Radius x Another Moon Orbital Circumference = 1mkm^2!

Why?...... (As in Neptune Orbital Distance Explanation)……Because

-   1mkm^2 is the Energy Source for the moon orbital geometrical structure ….means all the moon orbit distances are created from this 1mkm^2 Energy

The explanation is hard because we don't know how the distance can deal as energy.. the description doesn't support us…. we deal with absolute concepts and no practical experience can help us…! if the distance is Energy …so the previous data can be explained according to my explanation… but how the distance can be energy?

Let's remember double slit experiment (Young Experiment) for the light coherence- the experiment produces bright fringes and dark fringes- what's the dark fringe? How to know it? …it's darkness..! what's the space around the Earth? Darkness… why the space isn't dark fringes…?! Dark fringe is energy because it produced by light..

So It's Possible ….(just an idea) …

Deep Discussion

The previous example can help me in my explanation….

The problem is that…. The current theory produced concepts and rules we should observe in our explanation… but the current theory itself is built on a naïve direct observation without data analysis….means the concepts can't be trustee…!

The bright and dark fringes explanation isn't the only one to explain how the distance can be an energy – we can *provide* many other examples to support this claim – but the problem is located in the description we believe in…

We believe in gravity so the huge distances weaken the effect between any 2 planets.. this concept will prevent any relationship between Earth and Pluto for example… but Earth and Pluto in fact are connected to each other by the moon orbit…this fact can't be proved easily …we need first to fight with the gravity concept…!

So 3 choices we have

1st to provide the puzzled data and claim the current theory is incorrect – as I do here,

2nd to ignore the planet claiming that all this data is found by pure coincidences, as the current theory tells us

3rd to find the solar group alternative description with all geometrical rules and concepts…

The third choice is our hope… and in fact is the only way to solve this problem but in the same time it needs huge effort – and in more clear words – we need to rewrite the greatest part of the astrophysics book…!

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3- Solar Planet Velocity

I have referred to that in the previous paper…..

Shortly

1. Mars Velocity Daily(2.082mkm) x Neptune Velocity Daily (0.4665 mkm) =1mkm^2
   But

2. Moon Velocity Daily(2.41mkm) x Pluto Velocity Daily (0.406 mkm) =1mkm^2
   (Error 2.8%)

3. Jupiter Velocity Daily(1.1318 mkm) x Saturn Velocity Daily (0.838 mkm) =1mkm^2
   (Error 5.5 %)

The Value **1mkm^2** is repeated also as in the moon orbit…. I suggest that this is the same axis (which is the moon orbit Z-Axis)…

Why does the moon orbit vertical diameter (z-axis) effect on Mars, Neptune and Pluto velocities? This question in have answer in the previous paper….

What we need to understand is that…. The solar group is one machine … and each planet is a gear in this same machine… this idea we have discussed frequently before….

Based on that we can consider the moon orbital inclination 5.1 degrees = 5.1 mkm why? Because Mercury orbital circumference = 360 degrees = 360 mkm…

So Mercury is a gear in the whole machine… means any other planet can use this rate because the solar group is one machine (each planet is connected to the others and any gear rate can be used for any other)…

For that reason the value 1mkm^2 has specific importance because 1 degree = 1mkm (In Mercury Orbital Circumference)…. Based on that….but 1 degree = 1 day that because the moon orbit regresses yearly 19 degrees which regresses the calendar 19 days…. That means the cooperation between the moon Mercury will produce the rate 1mkm= 1degree= 1 day…. And this rate is so important in the solar group because the time values can be seen as distance value as we have discussed before

That tells us the z-axis (1mkm^2) importance still beyond our understanding ability….

Please Note

- Mercury velocity daily 4.095 mkm x Ceres Velocity daily 1.5349 mkm =2π mkm^2
- Venus velocity daily 3.02 mkm   x Mars Velocity daily 2.082 mkm   =2π mkm^2
- Earth velocity daily 2.58 mkm   x Moon Velocity daily 2.41 mkm   =2π mkm^2

More Data (Velocities)

1- $\dfrac{\text{Venus Velocity}}{\text{Earth Velocity}} = \dfrac{\text{Moon Velocity}}{\text{Mars Velocity}} = \dfrac{\text{Neptune Velocity}}{\text{Pluto Velocity}} = 1.17 = A$ (Max error 1.8%)

2- $\dfrac{\text{Mercury Velocity}}{\text{Venus Velocity}} = \dfrac{\text{Mars Velocity}}{\text{Ceres Velocity}} = \dfrac{\text{Ceres Velocity}}{\text{Jupiter Velocity}} = 1.355 = A^2$ (Max error less 1%)

3- $\dfrac{\text{Uranus Velocity}}{\text{Neptune Velocity}} = \dfrac{\text{Earth Velocity}}{\text{Mars Velocity}} = 1.239 = B$ (Max error 1.6 %)

4- $\dfrac{\text{Saturn Velocity}}{\text{Uranus Velocity}} = 1.4263 = B^2$ (Max error1.8 %)

5- **(B/A) = (B^2/A^2) = 1.0725**   (Max error1.3%)

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Discussion

The previous Data aims basically to explain that… the planet velocity is created based on geometrical reasons

What gravity can create the previous relationships between the velocities?

That's our fighting main point…

We keep the concept (gravity) by heart but we have neither proof for it nor explanation for the solar planet data…

I also don't have geometrical explanation for how these planets velocities are created!

But the data tells simply that these data can't be created based on any gravity forces…

It's geometrical structure…

As in a triangle or square when we find that the angles are equal or some angle = 1/2 another angle…. These are geometrical interactions…. It's NOT the Gravity…

I have tried frequently to explain this fact….

And I know the proof in this discussion is strong but may be not sufficient completely to disprove the gravity concept…

I hope in my next try I will provide the geometrical reason based on which the previous velocities were created…

And this geometrical reason will tells us that the gravity was also untrue concept…

4-5 Metonic Cycle is A Vertical Motion

As we have seen there are many data supports the claim that Uranus is perpendicular on the Moon orbit…

So – as we remember -

The energy of 3600 mkm was at Uranus – and – the data tells us that – Uranus sent this energy to the moon – in perpendicular point –

As we have seen

That's tells us Metonic Cycle Original Point

Metonic Cycle is a vertical motion done by the moon by Uranus Energy effect on the Moon orbit

I wish the discussed data supports this claim strongly –

And I hope to support this claim with more proves in the next papers

References

Copernicus Kepler Model Modification
http://vixra.org/abs/1711.0133

The Moon Orbit Analysis
http://vixra.org/abs/1811.0422
or
https://www.academia.edu/37856075/The_Moon_Orbit_Analysis

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