

Jupiter Uranus Distance (Metonic Cycle Reason)

By Gerges Francis Twadrous

2nd course student – Physics Department - Physics & Math Faculty –
Peoples' Friendship University – Moscow – Russia -2010-2013

TEL +201022532292 georgytawdrous@yandex.ru / mrwaheid@gmail.com

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1- Abstract

Metonic Cycle is Energy sent from Uranus to the moon

Pluto also effects on Metonic Cycle and that explains his data convenience with Earth and Moon Data

2- Introduction

In my previous paper

"Metonic Cycle proves,, Solar Planets Motions depend on Their Cooperation,,

<http://vixra.org/abs/1808.0566>

I claimed that, Metonic Cycle, which the moon rotates, depends on Jupiter Uranus Distance (Metonic Cycle is the Earth Moon Cycle extends to 19 sidereal years =6939.75 days)

In this paper I try to answer 2 more questions which are:

1st / Why does Metonic Cycle depend on Jupiter Uranus Distance specifically?

2nd / Is there a trustee connection between Metonic Cycle and Jupiter Uranus Distance?

Let's discuss the second question here shortly...

I claim Metonic Cycle is Energy sent from Jupiter and Uranus toward the inner planets which we see as Earth Moon Metonic Cycle..

How to prove such claim? What should I do to prove it?

For solar group description there are 2 visions in fighting...

The classical vision tells us each planet is independent from the others in his data, and his motion depends on the gravity between his and the sun masses

By this vision Metonic Cycle is related to the moon only

I provide another vision for the solar group let's summarize it in following:

The solar group is one body, and the planets are members in this body where the body blood connects all remembers.

Similar to that, the solar group is created from one energy, and this energy creates the planet matter and orbital distance, that means the matter is Energy ($E=mc^2$) and the distance is Energy (my hypothesis) both of them are created from the same energy and by such way all solar planets will be connected with each other by the same energy.

Based on that, the planets motions show the Energy transportation from point to another through the solar group,

By this vision, may there's a connection between Jupiter Uranus Distance and Metonic Cycle.. ..

But...How to prove?

IN THE ALMIGHTY GOD NAME

Through the Mother of God mediation

I do this research

I wish the reader sees my difficulties to prove my idea ... let's explain them in following:
The solar group uses strange and new geometrical rules to produce the solar group geometrical structure and perform the solar planets motions, these geometrical rules are beyond our Geometry and physics books.

We don't know these new geometrical rules, so we don't understand the planet data

And because of that, we can't understand the solar system geometrical structure... !

Imagine ...

we don't know Pythagoras geometrical rule, so when we see some triangle data in form ($a^2 = b^2 + c^2$) we'll not understand that as geometrical rule but we may consider it as pure coincidence of numbers ...

That's what happens with the solar planets data

For example

1461 days (4 sidereal years- Earth Cycle) $\times 2\pi^3 = 90582$ days, but Pluto orbital period = 90588 days

I found the numbers are very close and claimed there's some relationship between Earth and Pluto, spite I can't explain this relationship but I found it's real and trustee. at other side no one accepts my claim where the data is considered as pure coincidence!

But who is right and who's wrong?

In fact, is there a relationship between Earth and Pluto?!

940 mkm (Earth orbital circumference) $\times 2\pi = 5909$ mkm (5870 mkm = Pluto orbital distance error 0.6%)

2 different data show a clear connection between Earth and Pluto... is it a proof for a relationship?

(the classical vision refuses this relationship because of the great distance between them)

Now what choices we have?

To follow our loyalty to the classical model and left thousands of data unexplainable!

Or

To accept my conclusions without geometrical basics!

I found both are difficult...

So, I found only one solution for this dilemma, let's summarize it in following:

- We should define one specific point and analyze its data deeply as possible
- Then we should conclude **The Data Direction**
- And then we should provide many other data from different sides to support this **same data direction**
- Finally we may conclude that, the data direction is supported and correct.

Let's use this method with Earth Pluto relationship discussion....

Pluto orbital inclination = 17.2 degrees but inner planets orbital inclinations total = 17.4 degrees

That means Pluto orbital inclination = 99% of inner planets orbital inclinations total

And

Earth axial tilt = 23.4 degrees but outer planets orbital inclinations total = 23.6 degrees

That means Earth axial tilt = 99% of outer planets orbital inclinations total

We can see the similarity clearly

Let's summarize the data connects Earth with Pluto in following:

- 1- The orbital distance
- 2- The orbital period
- 3- The orbital inclination and axial tilt

Also

- 4- Pluto Velocity Daily = 0.406 mkm = Earth velocity daily 2.58 mkm/2 π = Earth Moon distance at apogee point.
- 5- 23.4 degrees (earth axial tilt) = 17.2 degrees (Pluto orbital inclination) +2 π degrees
- 6- Pluto axial tilt 122.5 degrees = Earth axial tilt 23.45 degrees x 5.1 degrees the moon orbital inclination (error 2.4%)

Other Equations error is less than 1%

Discussion

Now we have a specific point which is a **relationship between Earth and Pluto**

And we have 6 different data supports my claim that there's a relationship between Earth and Pluto (**Data Direction**)

What conclusion we can reach?

There's a relationship.. that's clear

We don't know this relationship type or its geometrical effect but we know there's a relationship between Earth and Pluto and **that disproves the classical model.**

By this method I try to prove Metonic Cycle depends on Jupiter Uranus distance

Let's provide another example in following

Example

Saturn orbital distance =1433.5 mkm but during a period =1433.5 days all solar planets (except Uranus) move real distances by their real velocities (this data I provided in my previous paper)

Now the distance value 1433.5 mkm is used as a time value 1433.5 days with all planets except Uranus, is there any explanation for that? no, this is just pure coincidence...!

But this is new geometrical rule which we should learn, the data tells us that in some cases the distance value works as time value....!

What I want to say is,

We should analyze each situation with its data in full details to see if the data direction is supported by many different data which may justify our adoption for this direction of Data.

Now let's start our discussion to answer the 2 questions

Question no.1 / Why does Metonic Cycle depend on Jupiter Uranus Distance specifically?

The answer will be in point No. 3 (next point)

Question no.2 / Is there a trustee connection between Metonic Cycle and Jupiter Uranus

Distance? The answer will be in point No. 4

3- Jupiter Uranus Distance

(Question No.1 Why does Metonic Cycle depend on Jupiter Uranus Distance specifically?)

$$6939.75 \text{ seconds} \times 0.3 \text{ mkm/sec (light velocity)} = 2094 \text{ mkm (Jupiter Uranus distance)}$$

I-Data

Max Error less than 1%

$$1- C^2 (90000 \text{ mkm}) - 86400 \text{ mkm} = 3600 \text{ mkm}$$

$$2- 3600 \text{ seconds} \times 1.16 \text{ mkm/sec (light velocity- supposed)} = 2 \times 2088 \text{ mkm}$$

(Jupiter Uranus Distance = 2095 mkm – almost no error)

$$3- 2095 = 232.7 \text{ degrees} \times 3^2$$

$$4- 2095 = 511.1 \text{ degrees} \times 4.095 \text{ Mercury velocity}$$

$$5- 2095 \text{ degrees}^2 = 122.5 \text{ degrees Pluto axial tilt} \times 17.2 \text{ degrees Pluto orbital inclination}$$

$$6- 2095 \times 7.25 \text{ the sun angle} = 5040 \times 3$$

$$7- 4495.1 \text{ days} \times 0.4465 \text{ mkm/day (Neptune velocity)} = 2095 \text{ mkm}$$

$$8- 86400 \text{ mkm} = 2095 \text{ mkm (Jupiter Uranus Distance)} \times 41.4 \text{ mkm (Venus Earth Distance)}$$

$$10- \text{Venus moves during Mars orbital period (687 days) a distance} = 2095 \text{ mkm.}$$

We have studied the following Equations before

i- $2095 \text{ mkm (Jupiter Uranus Distance)} = (71)^2 \times 0.415 \text{ mkm (Earth Moon distance at apogee radius) (error 2.3\%)}$

ii- $2095 \text{ mkm (Jupiter Uranus Distance)} = 7.1 \times 295 \text{ mkm (Earth orbital diameter) (error 1.4\%)}$

iii- $2095 \text{ mkm (Jupiter Uranus Distance)} = (120536 \text{ km Saturn diameter})^2 / 7.1$
(Error 1.4%)

iv- $2095 \text{ mkm (Jupiter Uranus Distance)} = 71 \text{ mkm} \times 29.53 \text{ days (synodic month)}$

a. $71 \text{ mkm} = 29.53 \text{ days (synodic month)} \times 2.41 \text{ mkm the Moon orbit at radius (384000km)}$

b. $71 \text{ mkm} = 27.3 \text{ days (sidereal month)} \times 2.58 \text{ mkm the Moon orbit at apogee radius (406000km)}$

v- $2.58 \text{ mkm Earth daily motion} = 7.1 \times 0.363 \text{ mkm (Earth Moon distance at perigee point)}$

vi- $41.4 \text{ mkm (Venus Earth distance)} \times \Pi = (71)^2 \times 2 \text{ Earth diameter}$

vii- $2 \text{ Saturn Circumferences} = 2 \text{ Jupiter Circumference} - \text{Jupiter diameter}$

viii- $(\text{Saturn diameter})^2 \times 7.1 = 103155 \text{ mkm}^2$ (The area of space between perigee and Apogee points in the moon orbit)

Equations (from i to viii) we have studied in the my previous paper

The Moon Orbit Geometrical Structure (revised) <http://vixra.org/abs/1807.0449>

3-1 The Discussion

As we have discussed in the introduction, the main difficulty in the solar group is the new and strange geometrical rules which make the equations as puzzles

In fact, sometimes one definition causes great confusion for the discussion...

For example

What's the distance?

The distance is what the measurement measures... this is the current definition...!

How to create a distance?

From what the distance is created? I provide hypothesis that (the distance is Energy)

That makes change.. specially because the matter also is created from Energy and that makes both are similar!

Now when we study Jupiter Uranus distance... what definition we'll use?

I use my definition..!

But how to test the idea credibility if I make the rules?!

I hope the reader bears with me a little to see the picture more clear

Let's ask more general question...

By what methods we discover and study the solar group? In electromagnetic physics the researchers use the experiments. In fact the experiment method is so strong and trustee which saves the electromagnetic science from any great changes made through the physics history... that's why Maxwell equations still in life even after the SR and GR were published....

But for the solar group, what's our main methods to study?

The observation is the main method

But, if we see wrongly and we don't know that we see wrongly, what will happen?

Imagine I see a spoon broken in the cup of tea and study that as if it's the truth...

Is the observation method will be trustee in this case?

I found the planet data analysis is the most trustee method to study the solar group

But that will mean, our conclusion will not depend on the observation but will depend on the data consistency

For example

I claim there's a physical point in the solar group moves with high velocity relative to another physical point, i.e. there's relativistic motion inside the solar group

But we don't observe it..!

I claim, the solar planets data shows the relativistic effects of this motion which proves clearly that this relativistic motion is real and found inside the solar group

Here we don't use the direct observation but we use the data analysis

The crucial proof will depend on the data consistency ...

Shortly, we'll deal with the distance as energy and we'll depend on the data consistency to prove our claim... the prove creditability depends on the argument logic integrity

Let's start our discussion

Equation No.1

$$C^2 (90000 \text{ mkm}) - 86400 \text{ mkm} = 3600 \text{ mkm}$$

C^2 (90000 mkm): c moves 300000 km in one second, and C^2 is the squared of this value

86400 mkm: Neptune Venus circumference $27575 \text{ mkm} \times \Pi = 86400 \text{ mkm}$

3600 mkm, is the difference between both

The previous equation can be more simple in following form:

(90000 seconds) – 86400 seconds (solar day) = 3600 seconds

(1 mkm = 1 second where we have both value 86400 seconds and 86400 mkm)

Let's analyze this Equation ...

The main hypothesis is, "The Solar Group is Created From One Energy"

C^2 is the solar group energy source which be divided into 2 parts

The First Part is 86400 mkm, this energy is reflected from Neptune toward the solar inner planets in a form $2 \times 86400 \text{ mkm}$, where this value is reflected from Neptune in 2 trajectories, one toward Mercury and the other toward Venus and Earth..

These 2 Energy trajectories (or 2 beams of light) get coherence together with an angle between them = $1/7$ degree. This idea I explained clearly in details in my previous paper (Solar Group Geometrical Structure)

<http://vixra.org/abs/1805.0081>

please Note

C^2 is produced from the solar planets motions total, please review my paper

"The Earth moves with the light velocity relative to the sun" (part 4)

<http://vixra.org/abs/1709.0331>

The Second Part is the value 3600 mkm which creates Metonic Cycle

Metonic Cycle Energy passes from Uranus to the moon and then to the sun

The sun is created because solar group all energy are unified inside the sun, means because $86400 + 3600 = c^2$ which is the sun light source

Equation no. 1 tells us that the sun is created from the same energy as any other solar planet, but the sun is distinguish from all solar planets because the solar group whole energy is unified inside the sun

Please Note/

The sun belongs to the solar group as any other planet, this claim we discussed before in Solar Planet Gravity Equation <http://vixra.org/abs/1808.0012>

Where we have found the sun gravity follows the same equation as any other planet.

Equation No.2

$$3600 \text{ seconds} \times 1.16 \text{ mkm /sec (light velocity- supposed)} = 2 \times 2088 \text{ mkm}$$

(Jupiter Uranus Distance = 2094 mkm – almost no error)

1.16 mkm/ second = light beam velocity

(I supposed that this light velocity is found in the solar group and used it frequently my papers)

What does Equation no.2 tell us?

The light beam whose velocity = 1.16 mkm/ second passes during 3600 seconds a distance = 2 x Jupiter Uranus distance

Why double? Because in the complete revolution around the sun, the distance 2095 mkm (Jupiter Uranus distance) is found 2 times along the orbital diameter

That means, the value 3600 seconds is used for a full revolution around the sun (a complete cycle)

The previous equation in fact is a unique equation that because the value C^2 and 86400 both of them are unique values

So the difference between them (which is 3600) is unique also...

Based on that,

Jupiter Uranus distance is unique distance in the solar group

I don't know the geometrical description for this process but the data (3600 seconds) is unique and that means Jupiter Uranus distance is matchless in the solar group...!

Also the equations list in page no.4 tells us that, this distance is very specific distance in the solar group

Equations No. 3 and 4

3- $2095 = 232.7 \text{ degrees} \times 3^2$

4- $2095 = 511.1 \text{ degrees} \times 4.095 \text{ Mercury velocity}$

These 2 equations explain this value effect in the solar group geometrical structure..

Let's see that in more depth

Equation No.3

$2095 \text{ mkm Jupiter Uranus distance} = 232.7 \text{ degrees (inner planets axial tilts total)} \times 3^2$

First we know that 1 degree = 1 mkm that makes the equation consistent (we know that from Mercury orbital circumference whose value 360 mkm and 360 degrees)

What's 3²?

We have studied that in my previous paper, the value (3) is produced by the solar group Box of Gears, which causes a cycle of 1 day to be a cycle of 3 days.

This idea I discussed in my previous paper

Mercury Day = 3 Mercury rotation periods = 2 Mercury orbital periods, Why?

<http://vixra.org/abs/1808.0588>

in this paper I claimed that, the planets orbital inclinations and axial tilts are cooperated together to produce this rate 1:3 means this box of gears makes a cycle of 1 day to be a cycle of 3 days that's why Mercury Day = 3 Mercury rotation period.

Let's return to our Equation no.3

$2095 \text{ mkm Jupiter Uranus distance} = 232.7 \text{ degrees (inner planets axial tilts total)} \times 3^2$

What does it tell us?

Jupiter Uranus distance is produced by cooperation of many players or on other hand this distance effect on many players in the same time..

Shortly, Jupiter Uranus distance controls heavy points in the solar group

Equation No. 4

$2095 \text{ mkm} = 511.1 \text{ degrees} \times 4.095$

511.1 degrees: solar planets axial tilts total (we know 1 degree = 1 mkm = 1 day)

4.095 mkm/ day Mercury velocity

Equation no. 4 tells

Mercury moves during 511.1 days a distance = 2095 mkm (Jupiter Uranus distance)

This time Jupiter Uranus distance is produced from planets axial tilts total,

Again the same distance is produced from the cooperation of all solar planets..

I wish I show correctly the importance of this distance

3-2 Pluto Uranus relationship (Metonic Cycle Extension)

I should write here again Pluto Equations to discuss them together as in following **Equation No. 5**

2095 degrees = 122.5 degrees Pluto axial tilt x 17.2 degrees Pluto orbital inclination

Note Please

97.8 degrees (Uranus axial tilt) = 122.5 degrees x 0.8 degrees (Uranus orbital inclination)

Equation No. i

a- 2095 mkm (Jupiter Uranus Distance) = $(71)^2 \times 0.406$ mkm (Earth Moon distance at apogee radius) (error 2.3%)

b- 5092 mkm x 0.406 mkm (Pluto velocity daily) = 2095 mkm (error 1.3%)

but $(71)^2 / 5092 = 0.99$

Please remember

- Pluto Velocity = 0.40608 mkm / daily = 2.58 mkm (Earth velocity daily)/ 2π

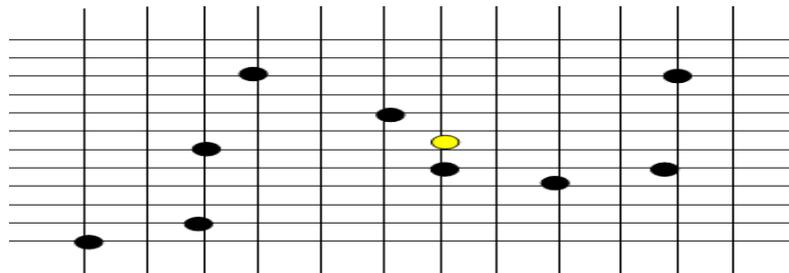
- 0.406 mkm (Earth moon distance at apogee) = $1/$ the moon orbit circumference 2.41 mkm

The Discussion

Equation No. 5 tells us that Jupiter Uranus distance 2095 mkm is found by multiplying Pluto axial tilt with Pluto orbital inclination

(We know that 1 degree = 1 mkm), also I wish we remember that Pluto orbital inclination 17.2 degrees = 17.4 degrees (inner planets orbital inclinations total) x 0.99 that means both values 17.2 and 17.4 are depended on each as we have studied before

What does Equation n. 5 tell us?



The yellow circle is the sun and the planets are the others

The figure tells us that, the planet is a connection point between 2 energy trajectories
The Planet matter and orbital distance are created from the same energy, based on this claim, Equation no. 5 tells us that Pluto orbital inclination and axial tilt depend on Jupiter Uranus distance...why? Because Pluto is here by great help from Uranus (we'll discuss that later)

Our hard discussion will be with Equation No. (i) let's start it

Equation No. i

a- **2095 mkm (Jupiter Uranus Distance)** = $(71)^2 \times 0.406$ mkm (Earth Moon distance at apogee radius) (error 2.3%)

b- 5092 mkm $\times 0.406$ mkm (Pluto velocity daily) = 2095 mkm (error 1.3%)

but $(71)^2 / 5092 = 0.99$

the previous 2 equations cause great confusion for me, let's study them deeply

Equation No. A

This Equation is not accurate let's see it in accurate form

2095 mkm (Jupiter Uranus Distance) = $(71)^2 \times 0.415$ mkm (Earth Moon distance at apogee radius = 0.406 mkm) (error 2.3%)

The value $71^2 = 5041$ which we need perfectly for 2 reason, first because of lorentz length contraction which we have found frequently in the solar group

Second because Mercury day needs 5040 seconds to be 176 days and the value $71^2 = 5041$ is very near and that gives me the chance to claim that the relativistic effects in the solar group is real and even Mercury uses this number 5040 as a result of the relativistic effects.

So, I can't change any number here... that means to make this equation accurate I have to change the value 0.406 mkm to be 0.415 mkm which is Earth moon distance at apogee, error is 2.3% but we know that the moon reaches to 406000 km only and never be at 415000 km, so the calculation has some trouble not clear yet...

But any what does Equation A tell us?

Equation A tells that, the Earth moon distance is a contracted distance from Jupiter Uranus distance by lorentz length contraction with rate 71 for double time $(71)^2$

Let's go to Equation B

5092 mkm is Jupiter Pluto distance and 0.40608 mkm is Pluto velocity daily, so what Equation b tell us?

Equation B tells that, if Jupiter Pluto distance 5092 mkm used as a time value 5092 days, during this period Pluto will move by his real velocity a distance = 2095 mkm (Jupiter Uranus distance) and that help us to claim that Pluto depends really on Jupiter Uranus distance...

What's the problem here? We have many

1- 5092 mkm $\times 0.99 = 5041$ mkm

That means both values in Equation a and b are depended on each other as the values $17.2/17.4 = 0.99$

The rate 0.99 we found frequently and I guess it's found for geometrical necessary in the structure.. means both values are equal but for geometrical necessary this difference 1% is found.

2- 0.406 mkm = $1/2.41$ mkm

This relationship I can't understand, because 0.406 mkm is the Earth Moon distance at apogee but 2.41 mkm is the moon orbit circumference at average radius ($r=0.384$ mkm),

Why this equation is found? There's geometrical reason is clear here but I can't understand (0.406 mkm is Pluto velocity daily, that refers to relationship between Pluto and the moon)

Do we remember the Earth- Pluto relationship which we referred in the introduction..

Let's remember it here again...

- 1- The orbital distance ($940 \text{ mkm} \times 2\pi = 5870 \text{ mkm}$)
- 2- The orbital period ($90588 \text{ days} = 2 \pi^3 \times 1461 \text{ days}$)
- 3- The orbital inclination and axial tilt ($17.2/17.4$ and $23.4/23.6$)

Also

- 4- Pluto Velocity Daily = $0.406 \text{ mkm} = \text{Earth velocity daily } 2.58 \text{ mkm}/2\pi = \text{Earth Moon distance at apogee point.}$
- 5- $23.4 \text{ degrees (earth axial tilt)} = 17.2 \text{ degrees (Pluto orbital inclination)} + 2\pi \text{ degrees}$
- 6- $\text{Pluto axial tilt } 122.5 \text{ degrees} = \text{Earth axial tilt } 23.45 \text{ degrees} \times 5.1 \text{ degrees the moon orbital inclination (error } 2.4\%)$

The comment

I don't understand the geometrical structure here

But I see that

There's strong relationship between Uranus and Pluto in addition to the strong relationship between The Earth and moon with Pluto

from Uranus Pluto relationship Metonic Cycle Energy reach to Pluto...

That means Pluto also a player in Metonic Cycle

That's why he has a relationship with The Earth and the Moon

I don't know how any one can consider the previous data as pure coincidences.. it's not true clearly

There's a geometrical reason behind all these clear and strong relationships

I hope the **Data Direction** is clear crucially

Which proves there's a relationship between Earth and moon with Pluto at one side and another relationship between Pluto with Uranus at the other side

In fact I claimed that Pluto was Mercury moon and had to immigrate, this claim may help us to understand why Pluto data is very convenient with the Moon data as we have seen

Please see my paper

Pluto was "The Mercury Moon"

<http://vixra.org/abs/1807.0331>

Let's ask Why Jupiter Uranus Distance is so important?

- $1622.7 \text{ mkm (Uranus Neptune Distance)} \times \pi = 5095 \text{ mkm (Jupiter Pluto distance)}$

We have 4 planets Jupiter, Uranus, Neptune and Pluto

The previous equation tells us that, Jupiter Uranus distance may express about these 4 planets distances...

$(2094 \text{ mkm} = 1622.7 \text{ mkm} \times 1.3 \text{ degrees} - \text{Jupiter orbital inclination})$

4- Metonic Cycle Passage

(Q no.2/Is there a trustee connection between Metonic Cycle and Jupiter Uranus Distance?)
Here we discuss the Energy transportation process in 4 steps

4-1 Venus effect on Metonic Cycle

4-2 Mercury effect on Metonic Cycle

4-3 Jupiter effect on Metonic Cycle

4-4 Uranus effect on Metonic Cycle

4-1 Venus effect on Metonic Cycle

I-Data

4-1-1- The Moon orbit regresses and Venus axial tilt regresses..

4-1-2- The Moon orbit regresses yearly 19 degrees, but $19 \text{ degrees} = 2\pi \times 3.02 \text{ degree}$, where the value 3.02 mkm / daily is Venus velocity and we know that 1 mkm =1 degree.

4-1-3- $180 \text{ degrees} - 177.4 \text{ degrees (Venus Axial Tilt)} = 2.6 \text{ degrees}$ and $2.6 \text{ degrees} + 2.5 \text{ degrees (Saturn orbital inclination)} = 5.1 \text{ Moon orbital inclination..}$

4-1-4- $177.4 \text{ degrees (Venus Axial Tilt)} + 2.5 \text{ degrees (Saturn orbital inclination)} = 179.9 \text{ degrees}$ which is used by all solar planets (we have discussed that before)

- (repeated) $26.7 \text{ degrees Saturn axial tilt} \times 6.7 \text{ deg. The Moon axial Tilt} = 179 \text{ degrees}$

($179.9 - 0.8 \text{ Uranus orbital inclination} = 179.1 \text{ degrees}$)

4-1-5 - $1103 \text{ mkm} = 365.25 \text{ days} \times 3.02 \text{ mkm/ day (Venus velocity)}$ but $1103 = 351.9 \times \pi$ (we know the moon year =354.36 days where there's a difference 2.5 days =29.53 days-27.3 days)

II-Discussion

The previous equations

All of them supports the claim that, Venus effect on Metonic Cycle

The data tells us that almost the moon belong to Venus !

We can see easily the relationship between Venus axial tilt and the moon orbit and axial tilt

Equation no.4-1-2

tells us that, the Moon orbit regresses yearly 19 degrees based on Venus motion daily, I still don't know the geometrical structure, but the data direction is supported by many different data.

4-2 Mercury effect on Metonic Cycle

I-Data

$$4-2-1 - 6939.75 = 97.8 \times 71 = 5040 \times 1.392$$

$$4-2-2- 97.8 \times 1.8 = 175.94 \text{ (Mercury day)}$$

$$4-2-3- 6939.75 \text{ days} = 58.66 \text{ days} \times 118.3 \text{ degrees (Neptune axial tilt at vertical)}$$

$$4-2-4- 6939.75 \text{ days} = 243 \text{ days (Venus rotation period)} \times 28.6363 \text{ degrees}$$

$$4-2-5- 6939.75 \times 4 = 175.94 \text{ days} \times 2\pi 50.3$$

$$4-2-6- 86400 = 5040 \times 17.14$$

II-Discussion

Many of these Equation we have discussed in my previous paper

"Metonic Cycle proves,, Solar Planets Motions depend on Their Cooperation,,

<http://vixra.org/abs/1808.0566>

any way the information in this part is Equation no.10

Equation no. 4-2-1

The Equation shows the value 5040 seconds which is needed to make Mercury Day=176 days..

Equation no.4-2-6

shows the same number 5040 multiplying with 17.2 which is Pluto orbital inclination
We know that 86400 mkm is the solar inner planets main energy,

These both equations tell us that, the Value 5040 seconds which is very near to the value $5041 = (71)^2$ is one of the main value in the solar group and very effective one

The point here that, it's not pure coincidence to find these both value 5040 and $(71)^2$, these 2 values depend on each other but we don't know yet neither the geometrical structure nor the definition of time to understand these values effect

Any way the data shows the relationship between Mercury and Metonic Cycle and we have discussed that in the previous paper..

4-3 Jupiter effect on Metonic Cycle

I-Data

4-3-1- $4331 \text{ days} \times 2 = 346.6 \text{ days} \times 25.2$ (error 0.8%) (Mars Axial Tilt)

4-3-2- $778.6 \text{ mkm} \times 0.8 = 623 \text{ mkm}$ (in fact Earth Jupiter distance =629 mkm and Metonic Cycle distance =612 mkm max error 1.8%)

4-3-3- $612 \text{ mkm} \times 4 = 2448 \text{ mkm}$ ($=\pi \times 778.6 \text{ mkm}$ Jupiter orbital distance)

4-3-4- $(3.1)^2 \times 2$ (error 1%) = 19 degrees

II-Discussion

Equation No. 4-3-1

shows that Jupiter orbital period is related to the nodal year (the moon orbit year), the nodal year is player in Metonic Cycle.

the different data shows that there's a relationship between Jupiter and Metonic Cycle from many sides...

Equation. No 4-3-2

This equation shows a connection through the distance, where 612 mkm is the distance passed by the moon during Metonic Cycle (2.41 mkm the moon orbital circumference x 254 months)

This value 612 mkm is related to Jupiter by many ways as the Equation tells us

The data direction supports the relationship between Jupiter and Metonic Cycle

Equation no.4-3-4

This equation is important, because the moon orbit regresses 19 degrees yearly and the equation tells that this regression depends on Jupiter axial tilt

That shows a relationship between Venus and Jupiter through this value 19 degrees

Means the moon orbit regression degrees yearly connects Jupiter with Venus

4-4 Uranus effect on Metonic Cycle

Equation No.4-4-1

$$6939.75 \text{ seconds} \times c \text{ velocity} = 2094 \text{ million km (Jupiter Uranus Distance)}$$

Equation No.4-4-2

$$6939.75 = 97.8 \times 71 = (71)^2 \times 1.392$$

a- $(97.8)^2 \times c \text{ velocity} = 2872.5 \text{ mkm}$

b- $97.8 \text{ second} \times 1.16 \text{ mkm/sec} = 113.45 \text{ mkm}$

c- $97.8 \text{ degrees} = 122.5 \text{ degrees} \times 0.8 \text{ degrees}$

Equation No.4-4-3

$$86400 \times 2 = 6939.75 \times 25.2 \text{ (error 1\%)}$$

Equation No.4-4-4

$$86400 = 5040 \times 17.14$$

Equation No.4-4-5

$$5041 = (71)^2$$

II- Discussion

The data supports the claim that Uranus effects on Metonic Cycle

This data is discussed with details and arguments in my previous paper

The Moon Orbit Geometrical Structure (revised) (page 14)

<http://vixra.org/abs/1807.0449>

Metonic Cycle proves,, Solar Planets Motions depend on their Cooperation,,

<http://vixra.org/abs/1808.0566>

Mercury Day = 3 Mercury rotation periods =2 Mercury orbital periods, Why?

<https://www.slideshare.net/Gergesfrancis/mercury-day-3-mercury-rotation-periods-2-mercury-orbital-periods-why-1>

Metonic Cycle Proves,, Solar Planets Motions Depend on Their Cooperation,,

<http://vixra.org/abs/1808.0566>

Mercury Day = 3 Mercury rotation periods =2 Mercury orbital periods, Why?

<http://vixra.org/abs/1808.0588>

Mercury Jupiter Distance (revised)

<http://vixra.org/abs/1808.0495>

The Solar Group is One Machine (Proves)

<http://vixra.org/abs/1808.0081>

Solar Planet Gravity Equation

<http://vixra.org/abs/1808.0012>

The Moon Orbit Geometrical Structure (revised)

<http://vixra.org/abs/1807.0449>

Gerges Francis Tawdrous

TEL +201022532292

E-mail georgytawdrous@yandex.ru

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

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

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

Gerges Francis Tawadrous/

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2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..

mrwaheid1@yahoo.com mrwaheid@gmail.com

+201022532292