Jupiter Uranus Distance (Metonic Cycle Reason) (revised)
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1- Abstract

1- Metonic Cycle is Energy sent from Uranus to the moon
2- Pluto also effects on Metonic Cycle
3- There's a relationship between Earth and the Moon at one side and Pluto at the other side
4- There's a relationship between Jupiter and Uranus at one side and Pluto at the other side
5- There's a relationship between Mercury and Pluto.

The previous relationships are found because

The solar group is one body (or one machine), and the solar planets are members in this body, and as the body blood connects all remembers. similar to that, the solar group is created from one energy, and this one energy creates the planet matter and orbital distance and connects all planets together in one system, which makes the solar group as one body (or one Energy trajectory).

The Assumption Of S. Virgin Mary
Written in Cairo – Egypt
2nd September 2018
**Planetary Fact Sheet - Metric**

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<th>VENUS</th>
<th>EARTH</th>
<th>MOON</th>
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<th>JUPITER</th>
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<th>URANUS</th>
<th>NEPTUNE</th>
<th>PLUTO</th>
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<td>Yes</td>
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<td>Yes</td>
<td>Unknown</td>
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http://nssdc.gsfc.nasa.gov/planetary/factsheet/

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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 Uranus toward the inner planets and from the
inner planets to the moon, so this Energy 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?
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.
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) x 2Π^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) x 2Π = 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/2Π= Earth Moon distance at apogee point. (error 1%)
5- 23.4 degrees (Earth axial tilt) = 17.2 degrees (Pluto orbital inclination) +2Π 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%)
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 supports my 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? The usual answer is no, this is just pure coincidence…!
But in fact this is new geometrical rule which we should learn, the data tells us that in some cases the distance value may work 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
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3- Jupiter Uranus Distance

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

6939.75 seconds x 0.3 mkm/sec (light velocity) = 2094 mkm (Jupiter Uranus distance)

I-Data

Max Error less than 1%

1st- $C^2$ (90000 mkm) – 86400 mkm = 3600 mkm

2nd- 3600 seconds x 1.16 mkm/sec (light velocity- supposed) = 2 x 2088 mkm

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

3rd- 2095 = 232.7 degrees x 3

4th- 2095 mkm = 511.1 degrees x 4.095

Pluto Uranus Relationship

5th- 86400 mkm = 5040 mkm x 17.14 degrees

6th- 122.5 (Pluto Ax. tilt) x 17.2 (Pluto Orb. Inclination) = 2107 (but 2107 x 0.99 = 2088)

7th- 2088 x 0.99 = 2067.12 = 5091.4 x 0.406

(but 2088 x 0.99 = 2067.1)

8th- 2067.12 x 0.99 = 2046.4 = 5040 x 0.406

(but 2067.1 x 0.99 = 2046.4)

9th- 5040 = (71)^2 = 5091.4 x 0.99

(Note, 5040 seconds x 1.16 mkm/sec = 5846.4 mkm but 5870 mkm Pluto orbital distance!)

10th- Earth Velocity 2.58 mkm daily = Pluto velocity 0.406 mkm daily x $2\Pi$

Because (90588 days /365.25 days) = $8\Pi^3$ and (5870 mkm/149.6 mkm) = $4\Pi^2$

Please Note:

$2\Pi$ x 1 mkm/ day = 4.095 mkm/ day x 1.534 mkm/ day =

$2\Pi$ x 1 mkm/ day = 3.02 mkm/ day x 2.082 mkm/ day =

$2\Pi$ x 1 mkm/ day = 2.58 mkm/ day x 2.41 mkm/ day

11th-

Pluto Data

- 122.5 Pluto axial tilt = 97.8 degrees Uranus axial tilt x 0.8 Uranus orbital inclination

- 122.5 Pluto axial tilt = 17.2 Pluto orbital inclination x 7.1

- 327.6 days = 17.24 Pluto orbital inclination x 19

12th-

Pluto velocity = 1/2.41 mkm /day

Neptune velocity = 1/ Mars velocity

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In following I recall **Old Data** from previous paper to make the picture as clear as possible.

**OLD EQUATIONS**

i- **2095 mkm (Jupiter Uranus Distance)** = 7.1 x 295 mkm (Earth orbital diameter)  
   (error 1.4%)

ii- **2095 mkm (Jupiter Uranus Distance)** = (120536 km Saturn diameter)²/7.1  
   (Error 1.4%)

iii- **2095 mkm (Jupiter Uranus Distance)** = 71 mkm x 29.53 days (synodic month)  
   a. 71 mkm = 29.53 days (synodic month) x 2.41 mkm the Moon orbit at radius  
      (384000km)  
   b. 71 mkm = 27.3 days (sidereal month) x 2.58 mkm the Moon orbit at apogee  
      radius (406000km)

iv- **2.58 mkm Earth daily motion** = 7.1 x 0.363 mkm (Earth Moon distance at perigee  
    point)

v- **41.4 mkm (Venus Earth distance)** x $\pi$ = (71)² x 2 Earth diameter

vi- **2 Saturn Circumferences** = 2 Jupiter Circumference – Jupiter diameter

vii- **(Saturn diameter)² x 7.1** = 103155 mkm² (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
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 method 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 can'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.1st

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

\[ C^2 (90000 \text{ mkm}) : \text{c moves 300000 km in one second, and C}^2 \text{ is the square of this value} \]

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"

\[ C^2 \text{ is the solar group energy source which be divided into 2 parts} \]

**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)


**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

\[ 86400 + 3600 = c^2 \text{ which is the sun light source} \]

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


Where we have found the sun gravity follows the same equation as any other planet.
Equation No.2\textsuperscript{nd}

3600 seconds $\times$ 1.16 mkm/sec (light velocity - supposed) = 2 $\times$ 2088 mkm
(Jupiter Uranus Distance = 2094 mkm – almost no error)

1.16 mkm/second = light beam velocity
(I supposed this light velocity is found in the solar group and I used it frequently in 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 $\times$ 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 values $C^2$ 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

In fact the equations list in page no.4 tells us that, this distance is very specific one!.. why?
Let's see the following data

- 1622.7 mkm (Uranus Neptune distance) $\times$ $\pi$ = 5092 mkm (Jupiter Pluto distance)
- 1622.7 mkm (Uranus Neptune distance) $\times$ 1.3 degrees (Jupiter axial tilt) = 2088 mkm (Jupiter Uranus Distance)
- 5091.4 mkm $\times$ 0.406 mkm daily (Pluto velocity) = 2067.12 mkm!

The previous data tells us that, really the distance is specific one

But to see that in much better we should study Uranus Pluto distance in sub-point 3-2
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Equations No. 3 and 4

3- 2095 = 232.7 degrees x $3^2$
4- 2095 = 511.1 degrees x 4.095 Mercury velocity

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

Let's see that in more depth

**Equation No. 3rd**

2095 mkm Jupiter Uranus distance = 232.7 degrees (inner planets axial tilts total) x $3^2$

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 $3^2$?**

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 mkm Jupiter Uranus distance = 232.7 degrees (inner planets axial tilts total) x $3^2$

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. 4th**

2095 mkm = 511.1 degrees x 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
From Equation No.5 tell No. 12 I need to discuss here, because I need to show that there a real secret is found in Pluto Data…
For that reason, I will write this Equations here again…
Please note, from these Equations I tried to remove all errors, so I uses almost the exact numbers which are registered in NASA Planetary Fact sheet found in Page No.2 of this paper.
I did that because Pluto data provides us real geometrical puzzles and I want to show how important Pluto as planet in the solar group… in fact I would say that Pluto has the solar group main secret.

Please Note
I use here the value 2088 mkm for Jupiter Uranus Distance, where this value is produced from Equation No. 2 page No.11

Let's provide the data in following (again)

I- Data
5th - 86400 = 5040 x 17.14
6th -122.5 (Pluto Ax. tilt) x 17.2 (Pluto Orb. Inclination) =2107 (but 2107 x 0.99= 2086)
7th -2088 x 0.99 = 2067.12 = 5091.4 x 0.406 (but 2088 x 0.99= 2067.1)
8th - 2067.12 x0.99 = 2046.4 = 5040 x 0.406 (but 2067.1 x0.99= 2046.4)

9th -5040 = (71)^2 = 5091.4 x 0.99
(Note, 5040 seconds x 1.16 mkm/sec= 5846.4 mkm but 5870 mkm Pluto orbital distance!)

10th - Earth Velocity 2.58 mkm daily = Pluto velocity 0.406 mkm daily x 2Π
Because (90588 days /365.25 days) = 8Π^3 and (5870 mkm/149.6 mkm)= 4Π^2

Please Note
2Π x 1 mkm/ day = 4.095 mkm/ day x 1.534 mkm/ day =
2Π x 1 mkm/ day = 3.02 mkm/ day x 2.082 mkm/ day =
2Π x 1 mkm/ day = 2.58 mkm/ day x 2.41 mkm /day

11th- Pluto Data
- 122.5 Pluto axial tilt x 17.2 Pluto orbital inclination = 2107 degrees^2
- 122.5 Pluto axial tilt = 97.8 degrees Uranus axial tilt x 0.8 Uranus orbital inclination
- 122.5 Pluto axial tilt = 17.2 Pluto orbital inclination x 7.1
- 327.6 days = 17.24 Pluto orbital inclination x 19

12th -Pluto velocity = 1/2.41 mkm /day
Neptune velocity = 1/ Mars velocity
II- The Discussion
The previous data is a great puzzle, let's try to understand some of them!

5th Equation
\[ 86400 \text{ mkm} = 5040 \times 17.14 \]
Let's study its components

86400 mkm = Venus Neptune Circumference x \( \pi \)
But the value 86400 mkm has specific importance in the solar group as we have studied in full details in Equation no.1
The solar group main energy is reflected from Neptune in a form 2 x 86400 mkm
The whole story is found in my previous paper
Solar Group Geometrical Structure
http://vixra.org/abs/1805.0081

So the Equation tells us that, the solar group main energy 86400 mkm = 5040 x 17.14 and what are these values?
\[ 5040 = (71)^2 \]
where 71 is the lorentz length contraction rate which is produced from a velocity \( = 0.9999c \) and we used this rate frequently before

17.14 or 17.2 mkm
This value is the contracted distance! What does that mean?
The distance 86400 mkm is contracted by lorentz contraction rate (71) for 2 times which equal \( (71)^2 \),
So, the original distance is 86400 mkm and the contracted distance is 17.2 mkm
We know that 1 degree = 1 mkm that means this value 17.2 mkm = 17.2 degrees…
That means 17.2 degrees (Pluto Orbital Inclination) is the result from the distance 86400 mkm contraction…both of them are related to each other…

But we know that 17.2 degrees /17.4 degrees = 0.99
Where 17.4 degrees = Inner Planets Orbital Inclinations Total
That tells us, the inner planets orbital inclinations total is created depending on Pluto orbital inclination….
6th Equation

\[(2107 \text{ mkm} \times 0.99 = 2088 \text{ mkm})\]

\[
122.5 \text{ (Pluto Ax. tilt) } \times 17.2 \text{ (Pluto Orb. Inclination) } = 2107 \text{ (but } 2107 \times 0.99 = 2088)\]

Let's study its components:

122.5 degrees = Pluto axial tilt
17.2 degrees = Pluto orbital inclination
2107 degrees² =

We know 1 degree = 1 mkm, So
So 2107 degrees² = 2107 mkm² and we know this are = a distance its length =2107 mkm and its breadth = 1 mkm…

Now what's this distance 2107 mkm
Jupiter Uranus distance =2088 mkm = 0.99 x 2107 mkm
So I can claim this value = Jupiter Uranus distance…
But this point a great puzzle we should discuss with Pluto data in 11th Equation…

But here we have only one question to answer
Why 122.5 degrees (Pluto axial tilt) x 17.2 degrees (Pluto orbital inclination) = Jupiter Uranus Distance?
How that can be possible?
Because

122.5 degrees (Pluto axial tilt) = 97.8 degrees (Uranus Axial Tilt) / 0.8 degrees (Uranus orbital inclination)
Simply Pluto axial tilt is a rate between Uranus axial tilt and orbital inclination
Easily we can remove Pluto axial tilt and use Uranus Data in place of him!!
So it's not strange to use Pluto axial tilt top produce Jupiter Uranus distance where Pluto axial tilt is created by Uranus data!

Then why the Equation uses 17.2 degrees (Pluto orbital inclination)?
We know that 17.2 / 17.4 = 0.99 and that means 17.4 Inner Planets Orbital Inclinations Total depends on Pluto Orbital inclination 17.2 degrees
So the question should be what's the relationship between Jupiter and the inner planets?
Let's summarize this relationship is following

1- Jupiter Orbital circumference 4900 mkm = Mercury orbital circumference 360 mkm + Venus Orbital circumference 680 mkm + Earth Orbital circumference 940 mkm + Mars Orbital circumference 1433.5 mkm x 2

I don't know why Mars uses 2 of his Orbital circumference, but the Equation tells that Jupiter Orbital circumference is the total of inner planets Orbital circumferences..

2- The inner planets almost define this orbital circumference to be equal with their distance to Jupiter, we have discussed this fact in my previous paper.

Solar Group Geometrical Structure

http://vixra.org/abs/1805.0081
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The Rate 0.99

6th -122.5 (Pluto Ax. tilt) x 17.2 (Pluto Orb. Inclination) = 2107 (but 2107 x 0.99= 2086)
7th -2088 x 0.99 = 2067.12 = 5091.4 x 0.406 (but 2088 x 0.99= 2067.1)
8th - 2067.12 x 0.99 = 2046.4 = 5040 x 0.406 (but 2067.1 x 0.99= 2046.4)

We know the rate 0.99 which is found in the solar group frequently..
I use the value 2088 mkm for Jupiter Uranus distance to make the equations as accurate as possible while the registered distance = 2095 mkm approximately

In fact Jupiter Uranus distance has 4 values!!
Let's see them in following
- 2107 mkm
- 2088 = 2107 x 0.99
- 2067.12 = 2088 x 0.99
- 2046.4 = 2067.12

Just the value 2107 has very small error, 2107 x 0.99 = 2085.9 mkm but I need the value 2088 to make all other distances use the exact numbers

The Discussion
Jupiter Uranus Distance is shown in 4 values as we see clearly…
These 4 values are working perfectly in Pluto data without any error, as we see in Equation from 6th to 8th…
Why these 4 values are found?!

Let's provide the idea shortly in following
The rate 0.99 is found as reaction for an action (my hypothesis)…!
Imagine a light beam reflected on a mirror, the reflected beam is decreased than the original one by rate 1% … this idea is my hypothesis and doesn't work for the light beam but for the distance, where I suppose the matter is bright fringes and the distance is dark fringes (both of them are created from the same coherence of light), so the distance is a light beam in coherence and when this light beam is reflected, the reflected one will be =0.99 of the original one…
So these 4 values are reflected from each other and all of them is just one distance or one dark fingers…
That's why these 4 values is decreased by the rate 0.01% from one to another…

But Why this distance or dark fringes (light beam) is reflected many times?
Because the dark fringes (light beam) is found between 2 Mirrors!
The 2 Mirrors cause the repeating reflection of the light beam
And where are these 2 Mirrors? The Mirrors are 2 Value 17.2 and 5040,
we remember the 5th Equation 86400 = 17.2 x 5040
So,
The value 86400 mkm which is the solar group main energy creates these 2 values to make them as 2 mirrors for these 4 values which express the same Distance (Jupiter Uranus Distance)! … I'm astonished as much as the reader but let's see if these values are real …

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7th Equation

(2088 mkm x 0.99 = 2067.12 mkm)

Let's study its components

2088 mkm = Jupiter Uranus distance
5091.4 mkm = Jupiter Pluto distance
0.406 mkm/day = Pluto velocity daily

What does this equation tell us?

If Jupiter Pluto distance (5091.4 mkm) works as a time period (5091.4 days), so during this period Pluto will move by his real velocity (0.406 mkm/day) a distance = Jupiter Uranus distance 2067.12 mkm

But it's not very clear

Let's ask

Is this distance 2067.12 mkm is real?

Yes it's produced from 2 different equation

1- 2088 mkm x 0.99 = 2067.12 mkm
2- 5091.4 days x 0.406 mkm/day = 2067.1 mkm

So the distance is real based on the data…

Let's add here more data to make this picture much better

- 1622.7 mkm (Uranus Neptune distance) x π = 5091.4 mkm (Jupiter Pluto distance)
- 1622.7 mkm (Uranus Neptune distance) x 1.3 degrees (Jupiter axial tilt) = 2095 mkm
(Jupiter Uranus Distance)

We deal with the same distances… can any one conclude the geometrical structure on which this data is produced?.. all this data depend on each other and all of them show there's a real geometrical structure behind this data… it's just clear… but what's the geometrical structure behind?

The whole argument supports the main hypothesis that, the solar group is one machine or one body and each planet is a member in this same body (or a gear in the same machine)
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8th Equation

\[(2067.12 \text{ mkm} \times 0.99 = 2046.6 \text{ mkm})\]

Let's study its components

\[
\begin{align*}
2067.12 \text{ mkm} & = 0.99 \times \text{Jupiter Uranus distance 2088 mkm} \\
5040 & = (71)^2 \text{ (remember, Mercury day needs 5040 seconds to be 176 days)} \\
0.406 \text{ mkm} & = \text{Earth-Moon distance at apogee}
\end{align*}
\]

Is this distance 2046.6 mkm is real?

**Yes** it's produced from 2 different equation

1- \(2067.12 \text{ mkm} \times 0.99 = 2046.6 \text{ mkm}\)

2- \(5040 \times 0.406 \text{ mkm} = 2046.6 \text{ mkm}\)

Where \((71)^2 = 5040\) but we may remember that Mercury needs 5040 seconds to be 176 days

What does this Equation tells us?

The distance 2046.4 mkm will be contracted because of lorentz contraction effect with rate 71 which is produced based on a velocity = 0.9999c for 2 times \((71)^2\) to produce a distance = 0.406 mkm which = Earth moon distance at apogee point = Pluto velocity daily

That means ….

Earth Moon Distance at apogee point is produced from Jupiter Uranus distance by lorentz length contraction for 2 times where the contraction rate \(=71\) for that the 2 times will produce \((71)^2 = 5040\)…

Please consider this situation as possible!

1- 86400 mkm (the solar group main energy) is contracted by \((71)^2\) to produce 17.2 degrees (Pluto orbital inclination)

2- 2046.6 mkm (Jupiter Uranus distance) is contracted by \((71)^2\) to produce 0.406 mkm (Pluto velocity daily)

3- 90000 seconds – 86400 seconds = 3600 seconds (Equation No.1) where the light beam whose velocity = 1.16 mkm /sec passes 2 x 2088 mkm (Jupiter Uranus distance) during 3600 seconds…

I wish the reader sees the argument clearly as me, no pure coincidences here…

It's geometrical structure and the same data is used from different sides which proves clearly that's geometrical structure but we can't reach yet!

The only available information is that, Mercury needs 5040 seconds to be 176 days and that tells us that Jupiter Uranus distance (energy) is contracted to be Earth Moon distance (Energy) and this contracted energy is transported from Uranus to the Moon by using Pluto daily velocity and Mercury Day… so the relationship between these 2 values will show the transportation process in details…

The question is "Why Pluto Velocity Daily = Earth Moon Distance at Apogee?"

I wish the reader remembers that, Earth Moon distance at perigee point is defined based on Earth daily motion by contraction with rate = 7.1 Please review

Earth Motion Produces the Moon Orbit [http://vixra.org/abs/1806.0137](http://vixra.org/abs/1806.0137)
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The Value $5040 = (71)^2$
I wish my objective is clear before the reader where I do my best to make it…
I claim that there's a geometrical structure or building contains all solar planets together as members in the same body or gears in the same machine…
This is my basic hypothesis
But I don't know this geometrical structure which contains all solar planets…
Spite of that, I try by every means to prove there's a geometrical structure behind

If I proved that, this geometrical structure is found, this will change immediately our vision toward the solar group and change many of our theories about the solar system, because we'll deal with the solar planets as members in one body which means their cooperation is a real factor in the solar group geometrical structure…

The value 5040 is very important value in my research
Because I claim there's a relativistic motion in the solar group depends on velocity $v=0.9999c$ which produce Lorentz length contraction rate $=71$, and the value $5040= (71)^2$
where Mercury needs 5040 seconds to be 176 days… that makes this value is found inside the solar group, and spite I don't know the geometrical structure behind, my claim still is supported strongly by this value (5040)

The value 5040 is still effective in the solar group by other ways as we can in the following Equation
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9th Equation

5040 mkm = 5091.4 mkm x 0.99
(Note, 5040 seconds x 1.16 mkm/sec= 5846.4 mkm but 5870 mkm Pluto orbital distance!)

(1.16 mkm is a light velocity I supposed it's found)

Let's study its components

5040 mkm = 5040 seconds (1 mkm = 1 second because of 86400 mkm and 86400 seconds)
5091.4 mkm = Jupiter Pluto distance

We have studied the rate 0.99 before and now we find that the value 5040 and 5091.4 both of them depend on each other by this same rate 0.99

Shortly these 2 values 5091.4 mkm and 5040 mkm depend on each other… why?

We know Mercury needs 5040 seconds to be 176 days

But

5040 seconds x 1.16 mkm /sec= 5846.5 mkm… Pluto orbital distance =5870 mkm

5061 seconds x 1.16 mkm /sec= 5870 Pluto orbital distance

So we need 5061 seconds and Not 5040 seconds! How to produce it

\[
\frac{361.3}{359.8} = \frac{5061}{5040} (Equation \text{ no. A})
\]

361.3 degrees = 19 degrees (the moon orbit regress yearly) x 19 years (Metonic Cycle)
359.9 degrees = (1774. degrees Venus axial tilt + 2.5 degrees Saturn orbital inclination) x 2

Why the moon orbit regress 19 degrees yearly

3.02 x 2π = 19.008 degrees
3.02 degrees but we know that 1 degree = 1 mkm and that means 3.02 mkm
Venus daily velocity = 3.02 mkm daily (1)

The value 359.9 is produced by cooperation between Venus and Saturn which we have discussed frequently before, and I claimed that these 2 planets cooperate together to produce this value 179.9 which is used for the whole solar group in place of 180 (2)

From (1) and (2) we can see that the solar planets depend on the cooperation between Venus and Saturn and that means The moon depends also on Venus and Saturn and that tells us that the moon depends on Venus to perform his Metonic Cycle…
i.e. where Metonic Cycle is Energy sent from Uranus to the moon but the moon has to depend on Venus also to perform this cycle ...

Now Equation No. A tells us that Metonic Cycle is related to Mercury and Pluto
The light 1.16 mkm/sec moves during the period 5040 seconds a distance 5846.6 mkm but because Pluto is a player in Metonic Cycle he defines his orbital distance to be 5870 mkm taken in his account Metonic Cycle effect on his distance..
But Mercury moves a distance = 5870 mkm during 1433.5 days by his real velocity, because he taken into his account the final position of Pluto...
This hard argument is found because we can't reach to the solar group geometrical structure yet, when we'll do that, all this argument will be removed and will be replaced by the geometrical explanations....
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10th Equation

Earth Velocity 2.58 mkm daily = Pluto velocity 0.406 mkm daily \(\times 2\pi\)
Because
Pluto orbital period 90588 days /Earth orbital period 365.25 days = \(8\pi^3\)
and
Pluto orbital distance 5870 mkm/149.6 mkm Earth orbital distance = \(4\pi^2\)
Error less 1%

Please Note 1
Earth Velocity 2.58 mkm daily = Earth Moon distance at apogee 0.406 mkm \(\times 2\pi\)
Earth Velocity 2.58 mkm daily = Earth Moon distance at perigee 0.363 mkm \(\times 7.1\)
Mean both values depend on Earth velocity…

Please Note 2

\(2\pi \times 1\) mkm/ day = Mercury Velocity 4.095 mkm/ day \(\times 1.534\) mkm/ day Ceres velocity
\(2\pi \times 1\) mkm/ day = Venus Velocity 3.02 \(\text{ mkm/ day} \times \text{ Mars Velocity} 2.082 \text{ mkm/ day}\)
\(2\pi \times 1\) mkm/ day = Earth Velocity 2.58 \(\text{ mkm/ day} \times \text{ Moon orbit circumference} 2.41 \text{ mkm}\)

I have a theory tells that Moon daily velocity = 2.41 mkm/ daily which can be supported by previous data

Many of planet velocities are related to the value \(2\pi \times 1\) mkm/ day why?

I suggest that's found because of the solar group geometrical structure

So, Equation no. 10 is found based on this geometrical rule by which the other velocities are found….

Yes, we don't know the geometrical structure by which this data is found but the data tells us clearly that there's geometrical reason behind it.
11th Equation
Pluto Data
- 122.5 Pluto axial tilt = 97.8 degrees Uranus axial tilt x 0.8 Uranus orbital inclination
- 122.5 Pluto axial tilt = 17.2 Pluto orbital inclination x 7.1
- 327.6 days = 17.24 Pluto orbital inclination x 19

Let’s discuss the data in details

122.5 Pluto axial tilt = 17.2 Pluto orbital inclination x 7.1
This Equation is the main one here

What does this equation tell us?
If there's a distance =122.5 mkm it will be contracted by lorentz length contraction effect with rate 7.1 which is produced by a velocity v=0.99c to a distance =17.2 mkm
We know that 1 mkm = 1 degree
so the equation is consistent!!.. but not it contradicts our whole argument!

Let's remember 5th Equation here
86400 mkm = (71)^2 x 17.2 mkm
Means 17.2 degree (Pluto Orbital Inclination) is produced firstly from the solar group main energy…
So, the original distance is 17.2 mkm and not 122.5 mkm so how the long distance is produced from the short one by lorentz length contraction effect?!!
I suggest a solution for this dilemma
Suppose Lorentz contraction effect causes the length contraction in one direction and causes increasing for this same distance in the other direction but the observer doesn't see the other direction because of his position relative to the high velocity which causes lorentz length contraction…
That may be done based on the fact of Newton 3rd law (for each action there's equal reaction in value and opposite in direction)
If this suggestion is correct, that will mean Pluto axial tilt is produced from Pluto orbital inclination by lorentz contraction rate but our position enable us to see the distance increasing in place of contraction (means we see the distance other side)

This situation we met similar to it before..
Earth rotates around her axis one time daily, this distance =40080 km but this motion causes the moon orbit distance between perigee and apogee =43000 km ( as I claimed), in this cases also we saw that lorentz contraction causes in fact increasing for the distance where lorentz used rate was 1.0725
Please review this argument in details in my previous paper
Earth Motion Produces the Moon Orbit
http://vixra.org/abs/1806.0137
327.6 days = 17.2 Pluto orbital inclination x 19
we know that, the Moon orbit regresses 19 degrees yearly
So
19 degrees x 17.2 degrees = 327.6 degrees^2
We know that the moon sidereal year = 327.6 days
May be 1 degree = 1 one, from where we have learnt that? From the moon orbit which regresses 19 degrees yearly and causes change 19 days yearly for the Eclipse calendar

What the previous equation tell us?
The moon sidereal year depends on Pluto orbital inclination 17.2 degrees!
Is this something strange? No absolutely! Why?
Because 17.2 degrees/17.4 degrees (inner planets orbital inclination total) =0.99
means they depend on each other (or even equal each) where the rate 0.99 (we have studied before) is found for a geometrical necessary (as I claim).
means when the moon sidereal year depends on Pluto orbital inclination, it in fact depends on the inner planets orbital inclinations total.
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12th Equation
Pluto velocity = 1/2.41 mkm/day (error 2.2%)
Neptune velocity = 1/ Mars velocity (error 3%)

I have theory supposes that Earth moon moves daily a distance =2.14 mkm please review in my previous paper – methodology
Solar Group General Description
http://vixra.org/abs/1802.0075

In this case, the previous Equation will be as following
Pluto velocity = 1/Moon velocity daily (error 2.2%)
Neptune velocity = 1/ Mars velocity (error 3%)

Why? I wish to conclude that the planet velocity doesn't depend on the planet data (orbital distance and period) but depend on the solar group geometrical structure, where the planet velocity has many different geometrical features as we see in this discussion

III- The conclusion
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=mc²) 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,

Additional conclusions
1- Metonic Cycle is Energy sent from Uranus to the moon
2- Pluto also effects on Metonic Cycle
3- There's a relationship between Earth and the Moon at one side and Pluto at the other side
4- There's a relationship between Jupiter and Uranus at one side and Pluto at the other side
5- There's a relationship between Mercury and Pluto at the other side
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 degrees = $2\pi x 3.02$ degree, where the value 3.02 mkm / daily is Venus velocity and we know that 1 mkm =1 degree.
4-1-3- 180 degrees – 177.4 degrees (Venus Axial Tilt) = 2.6 degrees but 2.6 degrees + 2.5 degrees (Saturn orbital inclination) =5.1 Moon orbital inclination..
4-1-4- 177.4 degrees (Venus Axial Tilt) + 2.5 degrees (Saturn orbital inclination) =179.9 degrees which is used by all solar planets (we have discussed that before)

- (repeated) 26.7 degrees Saturn axial tilt x 6.7 deg. The Moon axial Tilt = 179 degrees
(179.9 – 0.8 Uranus orbital inclination =179.1degrees)
4-1-5 - 1103 mkm = 365.25 days x 3.02 mkm/ day (Venus velocity) but 1103 = 351.9 x $\pi$ (we know the moon synodic 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 Uranus axial tilt x 71 (contraction rate) = 5040 x 1.392
4-2-2 - 97.8 Uranus axial tilt x 1.8 Neptune orbital inclination = 175.94 (Mercury day)
4-2-3 - 6939.75 days = 58.66 days Mercury rotation period x 118.3 degrees (Neptune axial tilt at vertical)
4-2-4 - 6939.75 days = 243 days (Venus rotation period) x 28.6363 degrees (Neptun axial tilt)
4-2-5 - 6939.75 x 4 = 175.94 days (Mercury day) x 2\pi 50.3 (50.3 mkm Mercury Venus distance)
4-2-6 - 86400 = 5040 x 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..
4-3 Jupiter effect on Metonic Cycle

I-Data
4-3-1- 4331 days (Jupiter orbital period) x 2 = 346.6 days (the nodal year) x 25.2 (Mars Axial Tilt) (error 0.8%)
4-3-2- 778.6 mkm (Jupiter orbital distance) x 0.8 Uranus orbital inclination = 623 mkm (in fact Earth Jupiter distance =629 mkm and Metonic Cycle distance =612 mkm (Error 1.8%)
4-3-3- 612 mkm x 4 = 2448 mkm (=π x 778.6 mkm Jupiter orbital distance)
4-3-4- (3.1)^2(Jupiter axial tilt) x 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 seconds x c velocity = 2094 million km (Jupiter Uranus Distance)

Equation No.4-4-2

6939.75 x 97.8 x 71 = (71)^2 x 1.392

a- (97.8)^2 x c velocity = 2872.5 mkm
b- 97.8 second x 1.16 mkm/sec =113.45 mkm
c- 97.8 degrees = 122.5 degrees x 0.8 degrees

Equation No.4-4-3

86400 x 2 = 6939.75 x 25.2 (error 1%)

Equation No.4-4-4

86400 = 5040 x 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
Appendix No. 1
The 2737 Phenomenon
(The Planets alignment in December 2012)
(I called: The Egyptian Astronomic Phenomenon 2737)

1- Introduction

On 3rd December 2012 aligned 3 planets (Mercury, Venus and Saturn) on the three Great Pyramids heads in Egypt, the Phenomenon repeated just once each 2737 years.

I called this phenomenon
"The 2737 Egyptian Astronomic Phenomenon"

In this paper I present the proof that the 2737 Egyptian Phenomenon Cycle depends on the Moon Metonic Cycle!

And then in the 3rd Chapter I'll discuss how the three planets (Mercury, Venus and Saturn) depend on the Earth-moon orbit in their motions!

In this introduction I'll refer just to some interests we got by the 2737 Egyptian phenomenon.

Some interests we got by 2737 Egyptian phenomenon:

- **First** we know that the Pyramids builders recognized the different astronomic cycles, and especially 2737 phenomenon, for that they built just 3 pyramids at its parallel line.
- **Second**, we know that the Pyramids builders knew the relative distances between the planets and built the pyramids at their rates!
- **Third** where the 2737 phenomenon repeated on 3rd December 2012 for the third time, so the Number 8211 years is important number for human life or at least for the pyramids age.
- **Fourth**, I may claim that the Pyramids builders built the three Pyramids specifically for the 2737 Egyptian phenomenon.
- **Note:** The Great Pyramid Height is 5776 Egyptian inches = the distance between the Sun & Pluto (each inch = 1 million kilometer)
1ST SECTION

Why the Lunar year doesn't correspond with the sidereal year at any cycle?¹

We know that the moon turns with the Earth around the sun, so why the lunar year which equals 354.36 days (lunar Synodic period 29.53 days x 12 months) doesn't correspond to the Sidereal year that equals 365.25 days at any cycle?

We see the 32 Sidereal year a cycle = 11688 days

But the Lunar year cycle =33 years - 5.81 days =11693.88-5.8= 11688

And why there's this addition 5.81 days to prevent both periods to meet each other

We know that the plane of lunar orbit regresses 19 degrees each year that causes the eclipse to come early 19 days each year²

So that said the movement of 19 degrees causes change for 19 days

And now we see the lunar year come early 5.81 days, and the lunar plane has inclination to ecliptic equal approximately 5.14 degrees…

Can I suppose that this difference between Sidereal Cycle 11688 days and Lunar Cycle 11693.88 days which equals 5.8 days caused by the lunar plane inclination 5.14 degrees (later we will discuss How?) When we divided this inclination value 5.14 degrees (or the period 5.8 days) at 360 we find that,

The Lunar orbital inclination causes the lunar Synodic day to come early approximately 21 minutes daily..

That lead to the following results

- The correct Synodic month is 29.515
- The correct Synodic year is 354.1818 days And by such way

The lunar cycle which contain 33 Synodic year = 11687.999days

The Sidereal Cycles which contain 32 sidereal year = 11688 days

Where both come to end in the same day

And So the cycle of 32 sidereal years equals 33 modified Lunar Synodic years (modified lunar year = 354.1818 days) perfectly

¹ - the day defines here approximately 86164 seconds where the sidereal year is 365.25 days.
² - Total Solar Eclipses and how to Observe them- Martin Mobberley- page. 11
2ND SECTION

The Basic Lunar Year  360 Days

Now I modified the lunar year already from 354.36 to be 354.1818 days

But there's another year related to the moon,

In this year we should added the modified year 354.1818 to the difference of days caused by
the lunar orbital inclination which was 5.8 days approximately

So  5.8+ 354.1818 = 360 days approximately

That's the ancient biblical year  And I'll call it

The Basic Lunar Year

Now we have three types of years

- The Basic Lunar Year      =360 days
- The modified lunar  Synodic year =354.1818 days
- The Sidereal year          = 365.25 days

And we'll see how the Metonic Cycle effect on each of them

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3RD SECTION

The 2737 Egyptian Astronomic Phenomenon depends on Metonic Cycle

The Metonic Cycle defines as a moon Cycle continues for 19 Sidereal Orbit year which equals 6939.75 days, and Metonic Cycle made because the Lunar orbit plane regresses yearly 19 degrees that causes the eclipses to come early 19 days yearly.

The Following Table shows How The Metonic Cycle Effect On The Different Years

<table>
<thead>
<tr>
<th>Metonic Cycle Number</th>
<th>Sidereal years No. (365.25 days)</th>
<th>Number of modified Lunar year (equals 354.1818 days)</th>
<th>The Lunar years (354.1818 days) Numbers For each Metonic Cycle</th>
<th>The Basic lunar Year Numbers (360 days) For each Metonic Cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. Cycle 1</td>
<td>19 S. Year</td>
<td>19</td>
<td>19 Lunar Y. + 210.295 days</td>
<td>19 BLY (Basic Lunar Year) + 99.75d(days)</td>
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<tr>
<td>M. Cycle 2</td>
<td>38 S. Y</td>
<td>20</td>
<td>38 L. Y + 420.59d = 39 L. Y + 66.408 d</td>
<td>38 BLY + 199.5 d</td>
</tr>
<tr>
<td>M. Cycle 3</td>
<td>57 S. Y</td>
<td>19</td>
<td>58 L. Y + 276.703 d</td>
<td>57 BLY + 299.25d</td>
</tr>
<tr>
<td>M. Cycle 4</td>
<td>76 S. Y</td>
<td>20</td>
<td>77 L. Y + 486.998 d = 78 L. Y + 132.816 d</td>
<td>76 BLY + 399 d</td>
</tr>
<tr>
<td>M. Cycle 5</td>
<td>95 S. Y</td>
<td>19</td>
<td>96 L. Y + 343.111 d</td>
<td>96 BLY + 138.75d</td>
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<tr>
<td>M. Cycle 6</td>
<td>114 S. Y</td>
<td>20</td>
<td>116 L. Y + 553.406d = 117 L. Y + 199.224d</td>
<td>115 BLY + 238.5d</td>
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<tr>
<td>M. Cycle 7</td>
<td>133 S. Y</td>
<td>20</td>
<td>136 L. Y + 409.519d = 137 L. Y + 55.3374d</td>
<td>134BLY + 338.25d</td>
</tr>
<tr>
<td>M. Cycle 8</td>
<td>152 S. Y</td>
<td>19</td>
<td>156 L. Y + 265.632d</td>
<td>153 BLY + 438d = 154 BLY + 78days</td>
</tr>
<tr>
<td>M. Cycle 9</td>
<td>171 S. Y</td>
<td>20</td>
<td>175 L. Y + 475.9274d = 176 L. Y + 121.745d</td>
<td>173 BLY + 17.75d</td>
</tr>
<tr>
<td>M. Cycle 10</td>
<td>190 S. Y</td>
<td>19</td>
<td>195 L. Y + 332.0406d</td>
<td>192 BLY + 277.5d</td>
</tr>
<tr>
<td>M. Cycle 11</td>
<td>209 S. Y</td>
<td>20</td>
<td>214 L. Y + 542.3356d = 215 L. Y + 188.1538d</td>
<td>211 BLY + 37.25d = 212 BLY + 17.25d</td>
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<tr>
<td>M. Cycle 12</td>
<td>228 S. Y</td>
<td>20</td>
<td>234 L. Y + 398.4488d = 235 L. Y + 44.267d</td>
<td>231 BLY + 117d</td>
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<tr>
<td>M. Cycle 13</td>
<td>247 S. Y</td>
<td>19</td>
<td>254 L. Y + 254.652d</td>
<td>250BLY + 216.75d</td>
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<tr>
<td>M. Cycle 14</td>
<td>266 S. Y</td>
<td>20</td>
<td>273 L. Y + 464.857d = 274 L. Y + 110.675d</td>
<td>269 BLY + 216.5d</td>
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<tr>
<td>M. Cycle 15</td>
<td>285 S. Y</td>
<td>19</td>
<td>293 L. Y + 320.9702d</td>
<td>288 BLY + 416.25d = 289 BLY + 56.25d</td>
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<tr>
<td>M. Cycle 16</td>
<td>304 S. Y</td>
<td>20</td>
<td>321 L. Y + 531.2653d = 313 L. Y + 17.0834d</td>
<td>308 BLY + 156d</td>
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<tr>
<td>M. Cycle 17</td>
<td>323 S. Y</td>
<td>20</td>
<td>332 L. Y + 387.3784d = 333 L. Y + 33.1966d</td>
<td>327 BLY + 255.75d</td>
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<tr>
<td>M. Cycle 18</td>
<td>342 S. Y</td>
<td>19</td>
<td>352 L. Y + 243.4916d</td>
<td>346 BLY + 355.5d</td>
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<tr>
<td>M. Cycle 19</td>
<td>361 S. Y</td>
<td>20</td>
<td>371 L. Y + 453.7866d = 372 L. Y + 99.60486d</td>
<td>365 BLY + 455.25d = 366 BLY + 95.25d</td>
</tr>
<tr>
<td>M. Cycle 20</td>
<td>380 S. Y</td>
<td>19</td>
<td>391 L. Y + 309.8992d</td>
<td>385 BLY + 195d</td>
</tr>
<tr>
<td>M. Cycle 21</td>
<td>399 S. Y</td>
<td>20</td>
<td>410 L. Y + 520.1948d = 411 L. Y + 166.013d</td>
<td>404 BLY + 294.75 d</td>
</tr>
<tr>
<td>M. Cycle 22</td>
<td>418 S. Y</td>
<td>20</td>
<td>430 L. Y + 376.308d = 431 L. Y + 22.1262d</td>
<td>423 BLY + 394.5d = 424 BLY + 34.25d</td>
</tr>
<tr>
<td>M. Cycle 23</td>
<td>437 S. Y</td>
<td>19</td>
<td>450 L. Y + 232.4212d</td>
<td>443 BLY + 134.25d</td>
</tr>
<tr>
<td>M. Cycle 24</td>
<td>456 S. Y</td>
<td>20</td>
<td>469 L. Y + 442.7162d = 470 L. Y + 88.5344d</td>
<td>462 BLY + 234d</td>
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<tr>
<td>M. Cycle 25</td>
<td>475 S. Y</td>
<td>19</td>
<td>489 L. Y + 298.829d</td>
<td>481 BLY + 333.75d</td>
</tr>
<tr>
<td>M. Cycle 26</td>
<td>494 S. Y</td>
<td>20</td>
<td>508 L. Y + 509.1244d = 509 L. Y + 154.9426d</td>
<td>500 BLY + 433.5d = 501 BLY + 73.5d</td>
</tr>
<tr>
<td>M. Cycle 27</td>
<td>513 S. Y</td>
<td>20</td>
<td>528 L. Y + 365.2376d = 529 L. Y + 99.75d</td>
<td>520 BLY + 173.25d</td>
</tr>
</tbody>
</table>

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| M. Cycle 28 | 532 S. Y | 19 | 529 L. Y +11.0558d | 539 BLY+273d |
| M. Cycle 29 | 551 S. Y | 20 | 567 L. Y +431.6458d= | 558 BLY+ 372.75d= | 559 BLY+ 12.5d |
| M. Cycle 30 | 570 S. Y | 19 | 587 L. Y + 287.759d | 578 BLY+ 112.5d |
| M. Cycle 31 | 589 S. Y | 20 | 606 L. Y + 498.054d= | 607 L. Y + 143.872d | 597 BLY+ 212.25d |
| M. Cycle 32 | 608 S. Y | 20 | 626 L. Y + 354.1872=627 L. Y | 616 BLY+ 312d |
| M. Cycle 33 | 627 S. Y | 19 | 646 L. Y + 210.295 | 635 BLY+ 441.75d = 636BLY+51.75d |
| M. Cycle 34 | 646 S. Y | 20 | 665 L. Y + 420.5754d= | 666 L. Y + 66.3956d | 655 BLY+151.5d |
| M. Cycle 35 | 665 S. Y | 19 | 685 L. Y + 276.686d | 674 BLY+ 251.25 d |
| M. Cycle 36 | 684 S. Y | 20 | 704 L. Y +486.9836d= | 705 L. Y ++132.801d | 693 BLY+ 351 d |
| M. Cycle 37 | 703 S. Y | 19 | 724 L. Y + 343.096d | 712 BLY+ 450.75d |
| M. Cycle 38 | 722 S. Y | 20 | 743 L. Y + 553.391d= | 744 L. Y + 199.2092d | 732 BLY+190.5d |
| M. Cycle 39 | 741 S. Y | 20 | 763 L. Y +409.5042d= | 764 L. Y + 55.3224d | 751BLY+289.5d |
| M. Cycle 40 | 760 S. Y | 19 | 783 L. Y + 265.6174d= | 770BLY+389d= | 771 BLY +29 days |

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The Previous Table Study classified into 2 parts

First Part : The study of the column of the modified lunar year (which equals 354.1818 days)

1- Each 32 Metonic Cycles the last day of modified lunar year (equals 354.1818 days) corresponds with the last day of Metonic cycle which is the Sidereal Year last day where the lunar modified years equal 627 lunar years that equals 608 sidereal years perfectly.

2- The difference days between the Modified lunar year with the Metonic Cycle moves in Cycle and decreases as following (66.4, 55.33, 44.26, 33.19, 22.126, 11.0558, 0.00 days) at 98 years interval (98 modified Lunar years – which equals 354.1818 days)

3- The modified Lunar years number for each Metonic Cycle shown in the table, and I found the following Modified Lunar Year order "19-20-19-20-19-20" repeats once with each Cycle consist of 627 modified Lunar year
   a. That means with the last day of the Metonic Cycle No. 32 which equals 608 Sidereal Years but equals 627 Modified lunar year. after this Cycle ends, and starts the new one the modified lunar year order 19-20-19-20-19-20 will repeat once again as a mark for the new Cycle starting (this order in table marks by Gray color)
   b. We can call the Metonic Cycle no. 32 a Cycle for the modified Lunar year with the Metonic Cycle (this Cycle in Table remarked by Yellow)

Second Part: The Study Of The column of the Basic Lunar Year ( equals = 360 Days)

1- We see in the table the day common fractions spread through the cycles but these fractions unify to be one day each 4th Metonic Cycle which equals 76 Sidereal years (that similar to the Sidereal Year, 3 years equals 365 days and the 4th year is 366 days)…..

2- but after 4th Metonic Cycle the last day of Basic Lunar year (which equals 360 days) doesn't correspond the last day of the Metonic Cycle because there are 39 days addition to the Basic Lunar years (means 76 Sidereal years = 77 Basic Lunar Years +39 days). And with the following cycles this number increases regularly by addition 39 days each 76 Sidereal years. (so after more 76 years we finds at the 8th Metonic Cycle 154 Basic Lunar Year + 78 days…. And that continues)

3- But at Metonic Cycle No. 40th which equals 760 Sidereal Years we find this number equals 771 Basic Lunar years + 29 days, and that means the rest days decreased
from 39 days to be 29 days during period (760 Sidereal Years - 76 Sidereal years
= 684 years) and this is the difference between the Metonic Cycle No. 4 and Metonic
Cycle No. 40…and all that says… EACH 684 SIDEREAL YEARS, THE REST
DAYS DECREASE 10 DAYS
4- Now we know that 39 days prevented the basic lunar year to end in the same day
with the 4th Metonic Cycle, and we know this period 39 days decreases by 10 days
each 684 sidereal years, and that means we need four Cycles which will decrease the
39 days to be (-1 day) which is the most near to the metonic Cycle.
5- Now we need 4 Cycles of the period 684 years where These 4 Cycles Equals 2736
Sidereal Years
6- And based on that the 2736 Phenomenon was a Metonic Cycle and this period was
needed to Correspond the Basic Lunar year with the last day of Metonic Cycle (the
Basic Lunar Year equals 360 days – the bible year which no one considers in modern
life)
7- Now we saw 39 days which found in Metonic Cycle No. 4, have decreased as
(10/10/10/9) at interval 684 Sidereal years for each 10 days, by that we found the
2737 Egyptian phenomenon for which we researched,
8- But still there are two questions, first about the number because we got the Cycle of
2736 Sidereal Years and not 2737 Sidereal Years, and the second question about the
last day we need because 39 equals (10/10/10/9) and the decreasing EACH 684
years equals 10 days and that means the last cycle will have -1 day

We still have 2 question to answer respectively

The First Question
says we got relation to the Cycle 2736 Sidereal years and not to 2737 Sidereal years phenomenon?
And how 2736 Cycle related to 2737 Cycle?
the answer
As we know Metonic Cycle is 6939.75 days
We know Saros Cycle is 6585.35 days
And the difference between both is 354.2 days
Which equals a modified lunar year approximately..
While Metonic Cycle connected to Saros Cycle completely because the Metonic Cycle is The lunar Orbit Cycle and Saroc Cycle is The Eclipse Cycles that made by the Moon itself. all that say to us, there's great connection between both Cycles. Because there's a complete year difference between them (regardless the explanation of How that occur!) And we see this Cycle 2736 Sidereal years needs a complete sidereal year to be our phenomenon 2737 … So Both connected with Great Relation While the first one depends on the Metonic Cycle that means the second also does. The Second question about the minus day 39 days we found and the decreasing is 10 days each 684 Sidereal years means after 4 Cycles (2736 Sidereal years) the number 39 will decrease to be -1 day.. means the Metonic Cycle will finish after the last Basic lunar year day with one complete day.. So each 2736 Sidereal years we have -1 day So this Cycle will continues to be 10 (-10) days and to consume in one Cycle 3736 Sideral Years Where 27360 Sidereal years = 1440 Metonic Cycles (which we may call astronomy full day where the solar day equals 1440 Minutes).

A comment on The Egyptian Astronomic Phenomenon 2737 I'm very surprised that there's no any study dealt "the 2737 Egyptian astronomic phenomenon"! I see that not logical because the phenomenon tells us there were other people understood perfectly the universe astronomy and they gave us a great gift by building the great three pyramids as a references to such phenomenon, so why the modern astronomy doesn't try to compare our knowledge with theirs through encourage the studies and reports about this 2737 Egyptian astronomic phenomenon.. actually it's illogical to neglect such very great gift we didn't work for, but even got it without any payments or efforts, and its data are available to us to compare our knowledge with ancient knowledge and correct ourselves if it's necessary!!

5-3 Is there an Earthquake, will be done as a result for the 2737 phenomenon?

- Earth moves toward the sun 1 km daily … means during 8211 years (2737 years x 3) the Earth moves 3 million km toward the sun i.e. Earth Orbital distance was 153 million km and become now 150 million km

- The greatest Earthquake may be done during 17/7/2018 to 28/7/2018
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 Freelance Translator

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- **Goethe institute - Cairo** – 2001 to 2007
- **Ain Shams University - Cairo**- Bachelor Degree Of
  Commerce -2000

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I provide the following translation
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- Russian into Arabic
- German into Arabic

SERVICES
- Translation, Proofreading, and Editing.
- The rate around 3500 words daily

WORK EXPERIENCE
- I have worked as freelance translator since 2003 till now,
  so I gained a great expertise in different fields.
- I achieved special experience in the legal, economic &
  technical fields, So I provide the perfect translation for the
  contracts, agreements, memorandums, specifications,
  laws, decrees, ...etc.
- I provide the English authenticated translation (acceptable by
  all courts, official organizations and the foreign embassies)

COMPUTER SKILLS
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- Martial status : Single
- Nationality : Egyptian
- Religion : Christian

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<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Russian Language</td>
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<tr>
<td>Mathematics</td>
<td>270</td>
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<tr>
<td>Physics</td>
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<td>96</td>
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<td>Cultural Education</td>
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Total: 1198
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Candidate Details

Family Name GERGES
First Name GERGES FRANCIS TAWDROUS
Candidate ID 27410090102716
Date of Birth 09/10/1974 Sex (M/F) M
Country or Region of Origin
Country of Nationality EGYPT
First Language ARABIC

Test Results

Listening 5.5 Reading 7.0 Writing 5.0 Speaking 5.5 Overall Band Score 6.0 CEFR Level B2

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Author Other Papers

I- The Holy Bible Studies
The Tabernacle Geometrical Structure

II- The Physics & Astronomy Studies
"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
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

84 Minutes are Required for Mercury Day
http://vixra.org/abs/1807.0412

Pluto was "The Mercury Moon"
http://vixra.org/abs/1807.0331

Saturn Data Proves Mars Immigration
http://vixra.org/abs/1807.0301

Mars Immigration Proves (Revised)
http://vixra.org/abs/1807.0268

Solar Planet Motion
http://vixra.org/abs/1807.0220

Mercury Velocity
http://vixra.org/abs/1807.0208

Solar Planet Diameter Creation Rule
http://vixra.org/abs/1807.0208

Uranus Position In The Sky
http://vixra.org/abs/1806.0212

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The Sun Data shows Relativistic Effects (revised)
http://vixra.org/abs/1806.0209

Earth Motion Produces the Moon Orbit
http://vixra.org/abs/1806.0137
The Time definition
http://vixra.org/abs/1805.0523
Solar Group Geometrical Structure
http://vixra.org/abs/1805.0081

Earth and Mars Motions Interaction
http://vixra.org/abs/1803.0432

Solar Group General Description
http://vixra.org/abs/1802.0075

Why The Light Is The Universe Highest Velocity?
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IN THE ALMIGHTY GOD NAME
Through the Mother of God mediation
I do this research

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