

## Jupiter Uranus Distance (Metonic Cycle Reason) (revised)

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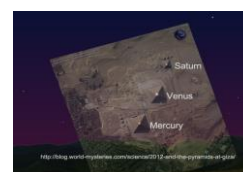
### 1- Abstract

- 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**  
**2<sup>nd</sup> September 2018**



**IN THE ALMIGHTY GOD NAME**  
Through the Mother of God mediation  
I do this research

## Planetary Fact Sheet - Metric

	<u>MERCURY</u>	<u>VENUS</u>	<u>EARTH</u>	<u>MOON</u>	<u>MARS</u>	<u>JUPITER</u>	<u>SATURN</u>	<u>URANUS</u>	<u>NEPTUNE</u>	<u>PLUTO</u>
<u>Mass</u> (10 <sup>24</sup> kg)	0.330	4.87	5.97	0.073	0.642	1898	568	86.8	102	0.0131
<u>Diameter</u> (km)	4879	12,104	12,756	3475	6792	142,984	120,536	51,118	49,528	2390
<u>Density</u> (kg/m <sup>3</sup> )	5427	5243	5514	3340	3933	1326	687	1271	1638	1830
<u>Gravity</u> (m/s <sup>2</sup> )	3.7	8.9	9.8	1.6	3.7	23.1	9.0	8.7	11.0	0.6
<u>Escape Velocity</u> (km/s)	4.3	10.4	11.2	2.4	5.0	59.5	35.5	21.3	23.5	1.1
<u>Rotation Period</u> (hours)	1407.6	-5832.5	23.9	655.7	24.6	9.9	10.7	-17.2	16.1	-153.3
<u>Length of Day</u> (hours)	4222.6	2802.0	24.0	708.7	24.7	9.9	10.7	17.2	16.1	153.3
<u>Distance from Sun</u> (10 <sup>6</sup> km)	57.9	108.2	149.6	0.384*	227.9	778.6	1433.5	2872.5	4495.1	5870.0
<u>Perihelion</u> (10 <sup>6</sup> km)	46.0	107.5	147.1	0.363*	206.6	740.5	1352.6	2741.3	4444.5	4435.0
<u>Aphelion</u> (10 <sup>6</sup> km)	69.8	108.9	152.1	0.406*	249.2	816.6	1514.5	3003.6	4545.7	7304.3
<u>Orbital Period</u> (days)	88.0	224.7	365.2	27.3	687.0	4331	10,747	30,589	59,800	90,588
<u>Orbital Velocity</u> (km/s)	47.4	35.0	29.8	1.0	24.1	13.1	9.7	6.8	5.4	4.7
<u>Orbital Inclination</u> (degrees)	7.0	3.4	0.0	5.1	1.9	1.3	2.5	0.8	1.8	17.2
<u>Orbital Eccentricity</u>	0.205	0.007	0.017	0.055	0.094	0.049	0.057	0.046	0.011	0.244
<u>Axial Tilt</u> (degrees)	0.01	177.4	23.4	6.7	25.2	3.1	26.7	97.8	28.3	122.5
<u>Mean Temperature</u> (C)	167	464	15	-20	-65	-110	-140	-195	-200	-225
<u>Surface Pressure</u> (bars)	0	92	1	0	0.01	Unknown*	Unknown*	Unknown*	Unknown*	0
<u>Number of Moons</u>	0	0	1	0	2	67	62	27	14	5
<u>Ring System?</u>	No	No	No	No	No	Yes	Yes	Yes	Yes	No
<u>Global Magnetic Field?</u>	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Unknown
	<u>MERCURY</u>	<u>VENUS</u>	<u>EARTH</u>	<u>MOON</u>	<u>MARS</u>	<u>JUPITER</u>	<u>SATURN</u>	<u>URANUS</u>	<u>NEPTUNE</u>	<u>PLUTO</u>

<http://nssdc.gsfc.nasa.gov/planetary/factsheet/>

## Contents

Subject	Page
1-Abstract	1
Planetary Fact Sheet – Metric	2
Contents	3
2- Introduction	4
3- Jupiter Uranus Distance	7
4- Metonic Cycle Passage	25
Appendix No. 1(The Planets alignment in December 2012)	29
Author CV	37
Author Other Papers	43

## **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:

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

2<sup>nd</sup> / 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  $2\pi^3 = 90582$  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/ $2\pi$ = Earth Moon distance at apogee point. (error 1%)
- 5- 23.4 degrees (Earth axial tilt) = 17.2 degrees (Pluto orbital inclination) + $2\pi$  degrees
- 6- Pluto axial tilt 122.5 degrees = Earth axial tilt 23.45 degrees  $\times$  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

### **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<sup>2</sup>

**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)<sup>2</sup> = 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<sup>3</sup> and (5870 mkm/149.6 mkm)= 4Π<sup>2</sup>

#### **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 = 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

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)<sup>2</sup>/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)<sup>2</sup> x 2 Earth diameter
- vi- 2 Saturn Circumferences = 2 Jupiter Circumference – Jupiter diameter
- vii- (Saturn diameter)<sup>2</sup> x 7.1 = 103155 mkm<sup>2</sup> (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 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.1<sup>st</sup>**

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

$C^2$  (90000 mkm): c moves 300000 km in one second, and  $C^2$  is the 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**"

$C^2$  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 x 86400 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

"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<sup>nd</sup>**

**3600 seconds x 1.16 mkm /sec (light velocity- supposed) = 2 x 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 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 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) x  $\pi$  = 5092 mkm (Jupiter Pluto distance)
- 1622.7 mkm (Uranus Neptune distance) x 1.3 degrees (Jupiter axial tilt) = 2088 mkm (Jupiter Uranus Distance)
- 5091.4 mkm x 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

### **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<sup>rd</sup>**

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

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 3<sup>2</sup>?**

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<sup>th</sup>**

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

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**

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**

$$5^{\text{th}} - 86400 = 5040 \times 17.14$$

$$6^{\text{th}} - 122.5 \text{ (Pluto Ax. tilt)} \times 17.2 \text{ (Pluto Orb. Inclination)} = 2107 \text{ (but } 2107 \times 0.99 = 2086)$$

$$7^{\text{th}} - 2088 \times 0.99 = 2067.12 = 5091.4 \times 0.406 \quad \text{(but } 2088 \times 0.99 = 2067.1)$$

$$8^{\text{th}} - 2067.12 \times 0.99 = 2046.4 = 5040 \times 0.406 \quad \text{(but } 2067.1 \times 0.99 = 2046.4)$$

$$9^{\text{th}} - 5040 = (71)^2 = 5091.4 \times 0.99$$

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

$$10^{\text{th}} - \text{Earth Velocity } 2.58 \text{ mkm daily} = \text{Pluto velocity } 0.406 \text{ mkm daily} \times 2\Pi$$

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

#### **Please Note**

$$2\Pi \times 1 \text{ mkm/ day} = 4.095 \text{ mkm/ day} \times 1.534 \text{ mkm/ day} =$$

$$2\Pi \times 1 \text{ mkm/ day} = 3.02 \text{ mkm/ day} \times 2.082 \text{ mkm/ day} =$$

$$2\Pi \times 1 \text{ mkm/ day} = 2.58 \text{ mkm/ day} \times 2.41 \text{ mkm/ day}$$

#### **11<sup>th</sup>- Pluto Data**

- 122.5 Pluto axial tilt  $\times$  17.2 Pluto orbital inclination = 2107 degrees<sup>2</sup>
- 122.5 Pluto axial tilt = 97.8 degrees Uranus axial tilt  $\times$  0.8 Uranus orbital inclination
- 122.5 Pluto axial tilt = 17.2 Pluto orbital inclination  $\times$  7.1
- 327.6 days = 17.24 Pluto orbital inclination  $\times$  19

$$12^{\text{th}} - \text{Pluto velocity} = 1/2.41 \text{ mkm/ day}$$

$$\text{Neptune velocity} = 1/ \text{Mars velocity}$$

## **II- The Discussion**

The previous data is a great puzzle, let's try to understand some of them!

### **5<sup>th</sup> Equation**

$$\mathbf{86400\ mkm = 5040 \times 17.14}$$

Let's study its components

86400 mkm = Venus Neptune Circumference  $\times \Pi$

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  $2 \times 86400\ mkm$

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  $86400\ mkm = 5040 \times 17.14$  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....

### 6<sup>th</sup> Equation

(2107 mkm x 0.99 = 2088 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 degrees<sup>2</sup> =

We know 1 degree = 1 mkm, So

So 2107 degrees<sup>2</sup> = 2107 mkm<sup>2</sup> 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 11<sup>th</sup> 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>

### **The Rate 0.99**

$$\begin{aligned} 6^{\text{th}} - 122.5 \text{ (Pluto Ax. tilt)} \times \underline{17.2} \text{ (Pluto Orb. Inclination)} &= 2107 \text{ (but } 2107 \times 0.99 = 2086) \\ 7^{\text{th}} - 2088 \times 0.99 = 2067.12 &= 5091.4 \times 0.406 \quad \text{(but } 2088 \times 0.99 = 2067.1) \\ 8^{\text{th}} - 2067.12 \times 0.99 = 2046.4 &= \underline{5040} \times 0.406 \quad \text{(but } 2067.1 \times 0.99 = 2046.4) \end{aligned}$$

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,  $2107 \times 0.99 = 2085.9$  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 6<sup>th</sup> to 8<sup>th</sup>...

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 5<sup>th</sup> Equation  $86400 = 17.2 \times 5040$

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 ...



**7<sup>th</sup> Equation**

(2088 mkm x 0.99 = 2067.12 mkm)

**2088 x 0.99 = 2067.12 = 5091.4 x 0.406 ....**

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  $\pi$  = 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)

**8<sup>th</sup> Equation**

(2067.12 mkm x 0.99 = 2046.6 mkm)

**2067.12 x 0.99 = 2046.4 = 5040 x 0.406**

Let's study its components

2067.12 mkm	= 0.99 x Jupiter Uranus distance 2088 mkm
5040	= (71) <sup>2</sup> (remember, Mercury day needs 5040 seconds to be 176 days)
0.406 mkm	= Earth- Moon distance at apogee

Is this distance 2046.6 mkm is real?

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

1- 2067.12 mkm x 0.99 = 2046.6 mkm

2- 5040 x 0.406 mkm = 2046.6 mkm

Where (71)<sup>2</sup> = 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)<sup>2</sup> 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)<sup>2</sup> = 5040...

Please consider this situation as possible!

- I- 86400 mkm (the solar group main energy) is contracted by (71)<sup>2</sup> to produce 17.2 degrees (Pluto orbital inclination)
- II- 2046.6 mkm (Jupiter Uranus distance) is contracted by (71)<sup>2</sup> to produce 0.406 mkm (Pluto velocity daily)
- III- 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>

**The Value 5040 = (71)<sup>2</sup>**

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 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

**9<sup>th</sup> Equation**

$$5040 \text{ mkm} = 5091.4 \text{ mkm} \times 0.99$$

(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

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

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

$3.02 \times 2\pi = 19.008$  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....

### 10<sup>th</sup> Equation

Earth Velocity 2.58 mkm daily = Pluto velocity 0.406 mkm daily x  $2\pi$

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 x  $2\pi$

Earth Velocity 2.58 mkm daily = **Earth Moon distance at perigee** 0.363 mkm x **7.1**

Mean both values depend on Earth velocity...

#### Please Note 2

$2\pi \times 1$  mkm/ day = Mercury Velocity 4.095 mkm/ day x 1.534 mkm/ day Ceres velocity

$2\pi \times 1$  mkm/ day = Venus Velocity 3.02 mkm/ day x Mars Velocity 2.082 mkm/ day

$2\pi \times 1$  mkm/ day = Earth Velocity 2.58 mkm/ day x Moon orbit circumference 2.41 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.

## 11<sup>th</sup> 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 5<sup>th</sup> Equation here**

$86400 \text{ mkm} = (71)^2 \times 17.2 \text{ mkm}$

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 3<sup>rd</sup> 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

$$19 \text{ degrees} \times 17.2 \text{ degrees} = 327.6 \text{ degrees}^2$$

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  $17.2 \text{ degrees} / 17.4 \text{ degrees (inner planets orbital inclination total)} = 0.99$

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.

### **12<sup>th</sup> 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 ( $E=mc^2$ ) 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,

### **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  $19 \text{ degrees} = 2\Pi \times 3.02 \text{ degree}$ , where the value 3.02 mkm / daily is Venus velocity and we know that 1 mkm =1 degree.

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

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 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 -  $6939.75 = 97.8 \text{ Uranus axial tilt} \times 71 \text{ (contraction rate)} = 5040 \times 1.392$

4-2-2-  $97.8 \text{ Uranus axial tilt} \times 1.8 \text{ Neptune orbital inclination} = 175.94 \text{ (Mercury day)}$

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

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

4-2-5-  $6939.75 \times 4 = 175.94 \text{ days (Mercury day)} \times 2\pi 50.3 \text{ (50.3 mkm Mercury Venus distance)}$

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..

### **4-3 Jupiter effect on Metonic Cycle**

#### **I-Data**

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

4-3-2-  $778.6 \text{ mkm (Jupiter orbital distance)} \times 0.8 \text{ Uranus orbital inclination} = 623 \text{ mkm}$  (in fact Earth Jupiter distance = 629 mkm and Metonic Cycle distance = 612 mkm (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-  $(3.1)^2(\text{Jupiter axial tilt}) \times 2 \text{ (error 1\%)} = 19 \text{ degrees}$

#### **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>

**Appendix No. 1 The 2737 Phenomenon**  
**(The Planets alignment in December 2012)**  
**( I called: The Egyptian Astronomic Phenomenon 2737)**

**1- Introduction**

On 3<sup>rd</sup> 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 3<sup>rd</sup> 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.

PLANETARY ALIGNMENT WITH THE GIZA PYRAMIDS,  
IT ONLY HAPPENS ONCE IN 2,737 YEARS



**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 3<sup>rd</sup> 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)

## 1<sup>ST</sup> SECTION

### **Why the Lunar year doesn't correspond with the sidereal year at any cycle?<sup>1</sup>**

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 year<sup>2</sup>

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

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<sup>1</sup> - the day defines here approximately 86164 seconds where the sidereal year is 365.25 days.

<sup>2</sup> - Total Solar Eclipses and how to Observe them- Martin Mobberley- page. 11

## 2<sup>ND</sup> 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

### 3<sup>RD</sup> 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

Metonic Cycle Number	Sidereal years No. (365.25 days)	Number of modified Lunar year (equals 354.1818 days)		The Basic lunar Year Numbers (360 days) For each Metonic Cycle
		Lunar years in each Metonic cycle	The Lunar years (354.1818days) Numbers For each Metonic Cycle	
M. Cycle 1	19 S. Year	19	19 Lunar Y. + 210.295 days	19 BLY (Basic Lunar Year) + 99.75d(days)
M. Cycle 2	38 S. Y	20	38 L. Y. +420.59d = <b>39 L. Y + 66.408 d</b>	38 BLY+ 199.5 d
M. Cycle 3	57 S. Y	19	58 L. Y + 276.703 d	57 BLY+ 299.25d
<b>M. Cycle 4</b>	<b>76 S. Y</b>	20	77 L. Y +486.998 d = 78 L. Y +132.8162 d	<b>76 BLY+399d = 77 BLY+39 days</b>
M. Cycle 5	95 S. Y	19	97 L. Y + 343.111d	96 BLY+138.75d
M. Cycle 6	114 S. Y	20	116 L.Y +553.406d = 117 L. Y + 199.224d	115 BLY+ 238.5d
M. Cycle 7	133 S. Y	20	136 L. Y +409.519d= <b>137 L. Y +55.3374d</b>	134BLY+ 338.25d
M. Cycle 8	152 S. Y	19	156 L. Y +265.6324d	153 BLY+438d= <b>154 BLY+78days</b>
M. Cycle 9	171 S. Y	20	175 L. Y +475.9274d= 176 L. Y + 121.745d	173 BLY+ 17.75d
M. Cycle 10	190 S. Y	19	195 L. Y+ 332.0406d	192 BLY+ 277.5d
M. Cycle 11	209 S. Y	20	214L.Y +542.3356d= 215 L. Y +188.1538d	211 BLY+ 37.25d = 212 BLY+ 17.25d
M. Cycle 12	228 S. Y	20	234 L. Y +398.4488d= <b>235 L. Y +44.267d</b>	231 BLY+117d
M. Cycle 13	247 S. Y	19	254 L. Y +254.652d	250BLY+ 216.75d
M. Cycle 14	266 S. Y	20	273 L. Y +464.857d= 274 L. Y + 110.675d	269 BLY+216.5d
M. Cycle 15	285 S. Y	19	293 L. Y +320.9702d	288 BLY+416.25d= 289 BLY+56.25d
M. Cycle 16	304 S. Y	20	321L.Y +531.2653d= 313 L. Y +17.0834d	308 BLY+156d
M. Cycle 17	323 S. Y	20	332 L. Y +387.378d= <b>333 L. Y + 33.1966d</b>	327 BLY+255.75d
M. Cycle 18	342 S. Y	19	352L.Y+ 243.4916d	346 BLY+ 355.5d
M. Cycle 19	361 S. Y	20	371L.Y +453.7866d= 372 L. Y + 99.60486d	365 BLY+455.25d= 366 BLY+ 95.25d
M. Cycle 20	380 S. Y	19	391 L. Y + 309.8992d	385 BLY+195d
M. Cycle 21	399 S. Y	20	410 L. Y + 520.1948d= 411 L. Y +166.013d	404 BLY+294.75 d
M. Cycle 22	418 S. Y	20	430 L. Y +376.308d <b>431 L. Y +22.12626d</b>	423 BLY+394.5d= 424 BLY+ 34.25d
M. Cycle 23	437 S. Y	19	450 L. Y + 232.4212d	443 BLY+ 134.25d
M. Cycle 24	456 S. Y	20	469 L. Y +442.7162d= 470 L. Y + 88.5344d	462 BLY+ 234d
M. Cycle 25	475 S. Y	19	489 L. Y +298.829d	481 BLY+ 333.75d
M. Cycle 26	494 S.	20	508 L. Y + 509.1244d= 509 L. Y + 154.9426d	500 BLY+433.5d= 501 BLY+ 73.5d
M. Cycle 27	513 S. Y	20	528 L. Y +365.2376d=	520 BLY+173.25d



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			<b>529 L. Y +11.0558d</b>	
M. Cycle 28	532 S. Y	19	548 L. Y +221.3508d	539 BLY+273d
M. Cycle 29	551 S. Y	20	567 L. Y +431.6458d= 568 L. Y + 77.464d	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 + 143.8722d	597 BLY+ 212.25d
M. Cycle 32	608 S. Y	20	<b>626 L. Y + 354.1872=627 L. Y</b>	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= <b>666 L. Y + 66.3936d</b>	655 BLY+151.5d
M. Cycle 35	665 S. Y	19	685 L. Y + 276.6886d	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 =713BLY+90.75d
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= <b>764 L. Y + 55.3224d</b>	751BLY+289.5d
M. Cycle 40	760 S. Y	19	783 L.Y + 265.6174d=	<b>770BLY+389d= 771 BLY +29 days</b>

## The Previous Table Study classified into 2 parts

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

- 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 4<sup>th</sup> Metonic Cycle which equals 76 Sidereal years (that similar to the Sidereal Year, 3 years equals 365 days and the 4<sup>th</sup> year is 366 days).....
- 2- but after 4<sup>th</sup> 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 8<sup>th</sup> Metonic Cycle 154 Basic Lunar Year + 78 days.... And that continues)
- 3- But at Metonic Cycle No. 40<sup>th</sup> 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 4<sup>th</sup> 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 6939.75days

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 Saros 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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- **Moscow -Russia** –Peoples Friendship University  
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- **Nizhniy Novgorod –Russia**- The Russian Language  
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- **Ain Shams University - Cairo**- Bachelor Degree Of  
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### LANGUAGES

I provide the following translation

- English into Arabic and vice versa
- Russian into Arabic
- German into Arabic
- Translation, Proofreading, and Editing.
- The rate around 3500 words daily

### SERVICES

### 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

I am an experienced computer user, I work with MS Office (Word, Excel, etc.), Reader, Adobe Acrobat (full), WinZip, WinRar, etc.

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**BEST REGARDS**

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I do this research

РОССИЙСКАЯ  
ФЕДЕРАЦИЯ



г. Москва

ФЕДЕРАЛЬНОЕ ГОСУДАРСТВЕННОЕ  
БЮДЖЕТНОЕ ОБРАЗОВАТЕЛЬНОЕ  
УЧРЕЖДЕНИЕ ВЫСШЕГО  
ПРОФЕССИОНАЛЬНОГО ОБРАЗОВАНИЯ

«Российский университет  
дружбы народов»

АКАДЕМИЧЕСКАЯ  
СПРАВКА  
АВ 3048222

5429/н

(регистрационный номер)

11 сентября 2012

года  
(дата выдачи)

Фамилия, имя, отчество

**Гергес Фрэнсис Тавдрус Гергес**

Дата рождения

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Вступительные испытания **прошел**

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Направление/специальность **Физика**

Специализация **не предусмотрена**

Курсовые работы:

1. По молекулярной физике, удовлетворительно
2. По информатике, удовлетворительно

Практика:

не проходил

Итоговые государственные экзамены:

не сдавал

Выполнение выпускной квалификационной работы

не выполнял

Продолжение см. на обороте

Ректор

Декан

Секретарь



Документ содержит количество листов:

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**ЗАЧЕТНАЯ КНИЖКА № 1032104509**

**Гергес Франсис Тавдрус Гергес**  
(фамилия, имя, отчество)

**Египет**  
(Гражданство)

**Физ.-мат.**  
(факультет)

**НФ6+Д**  
(Специальность)

**243/Н от 20.10.2010**  
(№ и дата приказа о зачислении)

Личная подпись студента  
**01.11.2010**  
Дата выдачи зачетной книжки

*(Подпись)*  
(Проректор)

*(Подпись)*  
(Декан факультета)

Все студенты обязаны сдавать экзамены за полный курс каждого предмета, вошедшего в учебные планы, а также сдавать зачеты по практическим работам после того, как данный курс прослушан студентом полностью.

Каждому студенту выдается единый студенческий билет и единая зачетная книжка. В зачетную книжку заносятся все предметы, обязательные для прохождения, оценки по экзаменам и зачетам.

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При отчислении студента из Университета или переводе его в другое учебное заведение зачетная книжка сдается в Отдел учета студенческих кадров.

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Государственное образовательное учреждение  
высшего профессионального образования  
"Нижегородский государственный университет  
им. Н.И. Лобачевского"

СЕРТИФИКАТ

О ПОДГОТОВКЕ К ПОСТУПЛЕНИЮ В ВУЗ  
(ПРЕДВУЗОВСКОЙ ПОДГОТОВКЕ)

Настоящий сертификат выдан в том, что

**Гергес Фрэнсис Тавдроус Гергес**

(*Gerges Francis Tawdrous Gerges*)

Гражданство, дата рождения

*Egipet, 09.10.74.*

Успешно завершил(а) курс предвузовской подготовки

Документ об образовании, подтверждающий право поступления в высшее учебное заведение:

**Сертификат о законченном полном среднем образовании**

Поступил(а)

**23. 11. 2007 г.**

**на подготовительное отделение факультета иностранных студентов**

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**20. 06. 2008 г.**

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**естественнонаучный**

РЕЗУЛЬТАТЫ ПРЕДВУЗОВСКОГО ОБРАЗОВАНИЯ

За время обучения сдал(а) зачеты, промежуточные и итоговые экзамены по следующим дисциплинам:

Наименование дисциплин	Число часов аудиторных/общих занятий	Итоговая отметка
1. Русский язык	580 (870)	хорошо
2. Математика	180 (270)	удовлетворительно
3. Физика	144 (216)	хорошо
4. Химия	90 (136)	хорошо
5. Информатика	64 (96)	хорошо
6. Культура речи	140 (210)	удовлетворительно

Всего:

1198 (1770)

Ректор

*Р. Г. Стронгин*

ЛИЦЕНЗИЯ Серия Я № 268-07 от 29 апреля 2007 года  
ФЕДЕРАЛЬНАЯ СЛУЖБА ПО НАДЗОРУ В СФЕРЕ ОБРАЗОВАНИЯ И НАУКИ

Per. № 670 "24" июня 2008 г.



г. Нижний Новгород

зам. декана



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Centre Number EG001

Date 24/SEP/2016

Candidate Number 005010

### Candidate Details

Family Name GERGES

First Name GERGES FRANCIS TAWDROUS

Candidate ID 27410090102716



Date of Birth 09/10/1974

Sex (M/F) M

Scheme Code Private Candidate

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

### Administrator Comments

Empty box for administrator comments.

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Administrator's Signature

Date 04/10/2016

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## Teilnahmebescheinigung

Hiermit wird bestätigt, dass  
**Herr Gerges Francis Tawdrous,**  
geb. am 09.10.1974 in Kairo/Ägypten,

in der Zeit vom 23.09.2006 bis zum 21.12.2006  
am Goethe-Institut Kairo an einem

### Deutschkurs der Niveaustufe B2

(Stufe 3 von 4 auf dem Niveau B2 des Gemeinsamen Europäischen Referenzrahmens)

teilgenommen hat.

Das Niveau des Kurses entspricht 600 Stunden Deutschunterricht.

Kairo, den 08.01.2007

Leiterin der Spracharbeit



[www.goethe.de/cairo](http://www.goethe.de/cairo)

## Author Other Papers

### I- The Holy Bible Studies

#### The Tabernacle Geometrical Structure

<http://vixra.org/pdf/1701.0344v1.pdf>

### 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>

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?

<http://vixra.org/abs/1801.0369>

Special Relativity Hypothesis Reason (Matter Creation Theory)

<http://vixra.org/abs/1801.0343>

Solar Planets Order disproves the Gravity Theory

<http://vixra.org/abs/1801.0114>

Particle Double Nature Reason

<http://vixra.org/abs/1712.0398>

Copernicus-Kepler Model Modification (Part 5)

<http://vixra.org/abs/1711.0133>

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

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

"The Solar System Geometry (Part No.3)"

<http://vixra.org/abs/1707.0215>

also

<https://www.slideshare.net/Gergesfrancis/the-solar-system-geometry-part-no3>

"The Solar System Geometry (Part 2)"

<http://vixra.org/abs/1703.0178>

also

<https://www.slideshare.net/Gergesfrancis/the-solar-system-geometry-part-2>

"The Solar System Geometry (Part I)"

<http://vixra.org/abs/1509.0126>

also

[https://www.slideshare.net/Gergesfrancis/the-solar-system-geometry-part-i-51989014?qid=a789c6b2-5395-4cde-be61-b777af04e643&v=&b=&from\\_search=2](https://www.slideshare.net/Gergesfrancis/the-solar-system-geometry-part-i-51989014?qid=a789c6b2-5395-4cde-be61-b777af04e643&v=&b=&from_search=2)

The Time And Distance Definitions In The Solar System  
<http://vixra.org/abs/1509.0241>

The Solar Eclipse Geometry Basics  
<http://vixra.org/abs/1509.0276>

The 2737 Egyptian Phenomenon & Its identical distance 2737 millions km  
<http://vixra.org/abs/1509.0242>

The Mars Data Analysis Proves the Rest Mass Concept is Unreal  
<http://vixra.org/abs/1509.0244>

The Solar Eclipse "The Gravitation Theory Puzzle"  
<http://vixra.org/abs/1509.0264>

All Manuscripts  
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