

**Solar Planet Diameter Creation Rule**  
**Solar System Geometry (Part 14)**  
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**Abstract**

$$D = R * 109^2$$

**Where**

**D= Planet Orbital Distance**

**R= Planet Diameter**

This equation can be concluded easily from Mercury Data

Where

Mercury Orbital distance 57.9 million km = Mercury Diameter 4879 km \* 109<sup>2</sup>

The previous Equation works perfectly with Mercury, Earth and Saturn only

But doesn't work with the rest planets data...

Why?

Because Mars immigrated from his original point at 84 mkm to the sun and dwell in his current point in 227.9 mkm to the sun

I claim Mars immigration causes the planet diameter and orbital distance relationship disturbance

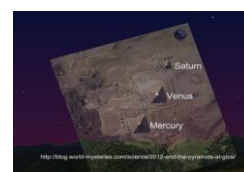
This paper tries to prove that, Mars immigration causes the following results:

- 1- The planet diameter and orbital distance relationship disturbance
- 2- Metonic Cycle
- 3- A Cycle happened once each 2737 years

**S. Virgin Mary Assumption into Heaven.**

**Written in Cairo – Egypt**

**9<sup>th</sup> July 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/>

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## **1- Introduction**

My basic question in all my papers is "How the matter is created?" this question we faced when we tried to answer our old question why we see the sun disc = the moon disc? Because (The sun diameter/ the moon diameter) = (Earth Orbital distance/ Earth moon distance)....why the diameters rate = the distances rate? And then we faced the question how the matter is created? then the logical question "is there a relationship between the planet diameter and his orbital distance?"....

When I found this Equation " $D=R*109^2$ " from many years ago, I thought I got the goal.... It's clear relationship between the planet diameter and his orbital distance... but I couldn't use this equation all this period because of 2 reasons

- 1- The Equation works only for 3 planets and doesn't work with all other planets...!
- 2- The theoretical meaning was absent .... Because why the planet diameter has a relationship with his orbital distance? What relationship can be found between the matter and distance?

Recently I solved these 2 questions and so I become able to use the Equation at end

We'll solve point No. 2 first ... let's start in following

### **3- Solar Planet Diameter and Orbital Distance Relationship**

3-1 why the Solar Planet has a relationship with his orbital distance

3-2 The Equation Discussion

3-3 Mars Immigration

3-4 Venus diameter

3-5 Saturn Orbital Distances

3-6 Solar Planet Orbital Distance Equation

3-7 why the matter has different forms? (If all made of Energy)

3-8 Vision Angle

#### **3-1 why the Solar Planet has a relationship with his orbital distance**

I provide here my alternative description for the solar group, trying to answer the old question "How the Matter is created?"

Let's summarize its main ideas in following:

What's the Matter (Mass)                      The Mass is An Energy      ( $E=mc^2$ )

What's the distance                              The distance is An Energy

#### **The description summary**

Energy is transported from one point to another point through the solar group. This same creates the planets matters (masses) and causes the motion transportation from planet to another through the group. In this transportation of Energy the relativistic effects are found because the Energy has different velocities in her motions through the group.

Based on these relativistic effects, different rates of time are created and based on these different rates in different points to create a huge energy from the low one

Let's explain this description in more details in next points:

#### **The description main features:**

- Energy travels from one point to another point through the solar group; in her travel this same Energy creates the planet matter and the distance from planet to another planet.
- For Example, the Energy comes from the sun toward Mercury, so she builds firstly Mercury orbital distance and then will build Mercury Planet Mass... then this same energy will move toward Venus to build the distance between Mercury and Venus and then will build Venus Planet Mass...etc (Note please/ this example is for explanation only, because the Energy real trajectory is more complex)
- This description makes the planet-planet relationship is strong as much as the sun-planet relationship.
- Let's summarize the idea in a sentence "one unified Energy builds the Distances and Masses of all solar planets"
- This description makes the solar group similar to one line of Energy ( necklace)
- Also this description makes the solar group similar to a great river has many canals. Each canal creates a soil on her banks. The river water here is similar to the Energy, she creates everything and have different forms, so the canals and their soils are created from the river water.... That's the same description the matter and distance are created from the same energy even if the matter is not similar to the distance but both of them are created from the same source..

### 3-2 The Equation Discussion

#### I-Data

Table No.1		
" Planet Diameter & Orbital Distance Relationship"		
	The Relationship	Error
Group I	Mercury orbital distance = Mercury diameter x (109) <sup>2</sup>	-
	Earth orbital distance = Earth diameter x (109) <sup>2</sup>	1.3%
	Saturn orbital distance = Saturn diameter x (109) <sup>2</sup>	-
	Mars- Earth distance = Mars diameter x (109) <sup>2</sup>	3%
	Jupiter- Mars circumference = Jupiter diameter x (109) <sup>2</sup>	1.8%
Group II	Venus orbital circumference = Venus radius x $\Pi^2$ x (109) <sup>2</sup>	4.4%
	Uranus -Pluto orbital = Uranus radius x $\Pi^2$ x (109) <sup>2</sup>	-
	Pluto orbital distance = Neptune diameter x $\Pi^2$ x (109) <sup>2</sup>	1%
Group III	Neptune -Saturn distance = Pluto diameter x (109) <sup>3</sup>	1.1%

#### II- More Data

1-

$$\frac{\text{The Sun Diameter}}{\text{The Moon Diameter}} = \frac{\text{Earth Sun distance}}{\text{Earth Moon distance}} = \frac{\text{Earth Daily Velocity}}{\text{Earth Raduis}} = 400$$

2-

$$\frac{\text{Earth Orbital Distance}}{\text{The Sun Diameter}} = \frac{\text{The Sun Diameter}}{\text{Earth Diameter}} = \frac{\text{Earth Moon Distance}}{\text{Moon Diameter}} = 109$$

#### III-Discussion

Although the data tells that the value 109 is a rate between the planet diameter and his orbital distance, but not all solar planets follow this same equation...

The reason – as I claim- is Mars Immigration!

Is there any proof for this claim?

Venus Diameter 12104 km \* 109<sup>2</sup> = **144 million km**

I claim Mars immigrated from his original point 84 million km to his new point in 227.9 million km .... Means Mars moved **144 million km**

It's the same number!

In fact we'll see much better when we study Venus diameter ...but before let's remember the Mars immigration claim in following

### **3-3 Mars Immigration**

In my previous paper

The Sun Data shows Relativistic Effects (revised)

<http://vixra.org/abs/1806.0209>

I claimed Mars immigrated from his original Point 84 mkm to his current point in 227.9 mkm ... how did we know that?

let's remember our discussion about the solar planets order ..

The planets orbital distances are defined basically based on their diameters

The greater diameter has greater distance to the sun ...

***Mercury – Venus – Earth***

With Mars something was happened caused this relationship to be reversed

So,

The Greater diameter will have smaller distance... in clear sequence

***Jupiter – Saturn – Uranus – Neptune – Pluto...***

"Note Please,

The planets order is done based **On Diameters And Not On Masses** because Uranus has greater diameter and less mass from Neptune...

The relationship is reversed with Mars ....why? Because of Mars Immigration

Now if Mars return to his original point (84 mkm) .. The planets order will be clearer... as following

Mercury- Mars – Venus – Earth

**"Greater Diameter needs Greater Orbital Distance"**

The previous sentence is a treasure...

Now we know that there's a relationship between the planet diameter and his orbital distance, specifically that the planet diameter is created as a rate to his orbital distance...

This clear relationship got disturbance basically because of Mars immigration

Mars immigration caused change the planets orbital distances but the diameters still the same that causes the disturbance...

Even Pluto had to move to the most far point to the sun (5870 mkm) because the rule is reversed after Mars and that resulted more disturbance for the relationship..

- The data tells us Venus diameter is related to Mars Immigration and that may explain the specific relationship between Venus and Mars

**Please Note/**

Mars diameter  $6792 \text{ km} * 109^2 = 81 \text{ mkm}$  which equals approximately his original orbital distance 84 mkm (error 4%) which may support the same claim

### 3-4 Venus diameter

#### I- Data

Venus diameter = 12104 km = (110)<sup>2</sup>  
(Please remember the equation  $D=R*10^9$ )

#### II- More Data

Venus Diameter * Planet Diameter= Planet Orbital Distance		
		Error
Venus Diameter x Mercury diameter	= Mercury orbital distance	1.9%
Venus Diameter x moon diameter	=Venus / Earth distance	1.4%
Venus Diameter x Earth diameter	= Earth orbital distance	3.1%
Venus Diameter x Mars diameter	=Mars Earth distance	4.7%
Venus Diameter x Saturn diameter	=Saturn orbital distance	1.7%
Mercury diameter x Jupiter diameter	=Mercury / Jupiter distance	-
(Uranus diameter) <sup>2</sup>	=Mars / Uranus distance	1.1%
Saturn radius x Neptune diameter	= Saturn Neptune distance	1.7%
Venus Circumference x Neptune Circumference	= Pluto orbital distance	1.7%
Venus Circumference x $\Pi$ = Saturn diameter		
"-" means the error less than 1%  Most Planets Follow The Same Rule ...please Note, Pluto once again has exceptional situation... that tells the reason is the same where many exceptional situations are done for the same planet..		

#### III- Discussion

The previous data tells us that the planets orbital distances are defined based on the planet diameter with Venus diameter... how can we understand that?

Mars immigration caused many changes in planets orbital distances not only with Mars but with Pluto also at least...

Now let's suppose that the planet diameter and orbital distance relationship is one of the important relationships for the planet motion

So this disturbance in the relationship needs to repair to enable the planet to move... ! How to solve this problem?

Venus diameter is created with Mars immigration and works as a central gear to perform the solar group balance

So the rate  $10^9$  in fact is born from Venus diameter



Actually 144 mkm = (109.5)<sup>4</sup>

Let's summarize the conclusion in following:

- 1- Venus is the central gear for the solar group
- 2- Mars Immigration effects on all solar planets

The last point has specific importance which tells us that Mars effects on all solar planets and this information we know from very long time let's provide one proof for that in following

### Mars Axial Tilt

If we use Kepler 3<sup>rd</sup> Law for the solar group data, we will find the following table

$$P^2 * 25 = d^3 \text{ (Kepler 3}^{\text{rd}} \text{ Law)}$$

- **P** : The Planet orbital period
- **d** : The Planet orbital distance
- **25.2: Mars Axial Tilt**

The results are shown in the following table

<b>Table No.3</b>				
Planet	P2	* 25	= d3	Error
Mercury	(88)2	*25	(57.9)3	0.2%
Venus	(224.7)2	*25	(108.2)3	0.3%
Earth	(366)2	*25	(149.6)3	0
Mars	(687)2	*25	(227.9)3	0.3%
Jupiter	(4331)2	*25	(778.6)3	1.4%
Saturn	(10474)2	*25	(1433.5)3	1%
Uranus	(30589)2	*25	(2872.5)3	1.3%
Neptune	(59800)2	*25	(4495.1)3	1.5%
Pluto	(90588)2	*25	(5870)3	1.4%

### Discussion:

The previous table I used many time in my papers, I have no explanation why Mars Axial Tilt is the constant in Kepler 3<sup>rd</sup> Law..

Some people told me I use wrong units to reach this result! I use million km for distance and day for periods.. why these are wrong units?!

The previous table tells us the same meaning that, Mars effects on all solar planets...

Clearer picture we can reach when we study Saturn orbital distance

### 3-5 Saturn Orbital Distances

I – Data

- Saturn diameter = Venus diameter \*  $\pi^2$
- Saturn diameter \* Venus diameter = Saturn orbital distance

II-Data

Saturn orbital distance is the solar group distances measurement

**Table No.4**

- If Saturn Orbital Distance	= 1	So
- Mars Orbital Circumference	= 1	
- Saturn Uranus Distance	= 1	
- Uranus Orbital Distance	= 2	
- Neptune Orbital Distance	= $\Pi$	
- Mercury Jupiter Distance	= 1/2	

### III-Discussion

Venus practices a great effect on the solar group, so Venus effects on the solar planets through their distances and helps to create Saturn diameter to control the solar planets distances through Saturn orbital distance...

$$\frac{\text{Saturn Diameter}}{\text{Earth Diameter}} = \frac{\text{Saturn Orbital Distance}}{\text{Earth Orbital Distance}} = \frac{\text{Earth Axial Tilt}}{\text{Saturn Orbital Inclination}} = \frac{\text{Uranus Orbital Distance}}{\text{Earth Orbital Diameter}} = 9.5$$

I wish we can see the deep relationship between Earth and Saturn

#### Also Note

Saturn Circumference = Earth Moon Distance

#### The whole Idea Summary

The planet diameter and his orbital distance is related to each other based on the Equation  $D=R*109^2$  but because Mars Immigration from his original point in 84 mkm to his new point in 227.9 mkm not all planets follow this same rule because the planets orbital distances are changes but their diameter aren't... that's why the rule got disturbance...

To repair this situation Venus is created to be a central gear for the solar group through which the planets orbital distances and diameters are related to each other based on Venus and Saturn cooperation

Let's remember here the cooperation between Venus and Saturn

#### 3-5-1 Planets Axial Tilts and Orbital Inclinations description (Venus & Saturn Cooperation)

I-Data

**- 177.4 Venus Axial Tilt+2.5 Saturn Orbital Inclination= 180**

- 180 = 28.3 Neptune axial tilt x 2  $\Pi$
- 180 = 26.7 Saturn axial tilt x 6.7 Moon axial tilt
- 180 = 97.8 Uranus axial tilt x 1.84 (Neptune orbital inclination 2.2%)
- 180 = 25.2 Mars axial tilt x 7.1 (relativistic rate with 0.99c)
- 180 = 144 / 0.8 Uranus orbital Inclination

**(180 degrees is found as the basic line to create the sun)**

### III- Discussion

What we have learnt from the previous data?

Let's explain that in following points -Venus and Saturn cooperate together to create the distinguish value 180 degrees (177.5+2.5= 180)

The previous data supports the meaning of Venus and Saturn cooperation...

### 3-6 Solar Planet Orbital Distance Equation

$$d^2 = 4d_o(d-d_o)$$

Where

d= Planet Orbital Distance

d<sub>o</sub>= Previous Planet Orbital Distance

There are 3 exceptions which are:

- Earth depends on Mercury
- Mars depends on Venus
- Pluto depends on Uranus

The equation tells us that the disturbances are found with Mars, Pluto as we expected and Earth also as a result of Mars immigration

#### Let's see this equation application in following

1-

$$(\text{Venus Orbital Distance } 108.2 \text{ mkm})^2 = 4 * \text{Mercury Orb. Dis. } 57.9\text{mkm} \times 50.3\text{mkm} \text{Mercury Venus distance} \quad (\text{No error})$$

2-

$$(\text{Earth Orbital Distance. } 149.6 \text{ mkm})^2 = 4 * \text{Mercury Orb. Dis } 57.9\text{mkm} \times 91.7 \text{ mkm} \text{Mercury Earth distance} \quad (2.5\%)$$

3-

$$(\text{Mars Orbital Distance } 227.9 \text{ mkm})^2 = 4 * \text{Venus Orb. Dis } 108.2 \text{ mkm} \times 120 \text{ mkm} \text{ Venus Mars distance} \quad (\text{No error})$$

4-

$$(\text{Ceres Orbital Distance } 415 \text{ mkm})^2 = 4 * \text{Mars Orb. Dis } 227.9 \text{ mkm} \times 187\text{mkm} \text{ Mars Ceres distance} \quad (\text{No error})$$

5-

$$(\text{Jupiter Orbital Distance } 778.6 \text{ mkm})^2 = 4 * \text{Ceres Orb. Dis } 415 \text{ mkm} \times 364 \text{ mkm} \text{ Ceres Jupiter distance} \quad (\text{No error})$$

6-

$$(\text{Saturn Orbital Distance } 1433.5 \text{ mkm})^2 = 4 * \text{Jupiter Orb. Dis } 778.6 \text{ mkm} \times 655.7 \text{ mkm} \text{ Jupiter Saturn distance} \quad (\text{No error})$$

7-

$$(\text{Uranus Orbital Distance } 2872.5 \text{ mkm})^2 = 4 * \text{Saturn Orb. Dis } 1433.5 \text{ mkm} \times 1439 \text{ mkm} \text{ Saturn Uranus distance} \quad (\text{No error})$$

8-

$$(\text{Neptune Orbital Distance } 4495.1 \text{ mkm})^2 = 4 * \text{Uranus Orb. Dis } 2872.5 \text{ mkm} \times 1622 \text{ mkm} \text{ Uranus Neptune distance} \quad (4\%)$$

9-

$$(\text{Pluto Orbital Distance } 5870 \text{ mkm})^2 = 4 * \text{Uranus Orb. Dis } 2872.5 \text{ mkm} \times 2997.5 \text{ mkm} \text{ Uranus Pluto distance} \quad (\text{No error})$$

#### 3-6-1 the Discussion

The Equation works perfectly with all solar planets where the exceptions are only with Mars, Earth and Pluto which supports the same claim that Mars Immigration causes the disturbance for the planet diameter and orbital distance relationship concerning Mars and Pluto specifically and also Earth as additional result to mars immigration.

### 3-7 why the matter has different forms? (If all made of Energy)

According to theory of Matter Creation, I claimed that the matter is a dark fringes both of them produced light coherence

Solar Group Geometrical Structure

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

We see the bright fringes (light) as matter, this is the basic hypothesis in the theory of Matter Creation

But why the matter has different forms

Because the light coherence is different from one another.... Let's summarize the idea in following:

- 1- The matter existence means there's a coherence of light behind
- 2- The matter different forms tell the light coherence interference is different from matter to another...

### 3-8 Vision Angle

#### I-Data

- **The Moon Diameter Angle (0.532 degrees)**

2 rays touch the moon diameter both sides

i.e.

Angle = 0.532 degrees = 3475 km (moon diameter)

360 degrees (Full Cycle) = 2.35 million km (Moon orbit circumference at eclipse radius)

Let's test that for the sun also

- **The Sun Diameter Angle (0.532 degrees)**

Angle = 0.532 degrees = 1.392 mkm (the sun diameter)

360 degrees (Full Cycle) = 940 million km (Earth orbital circumference)

#### II-More Data

1- 10921 mkm (moon circumference) x 86400 seconds = 940 million km (Earth orbital circumference)

2- Moon diameter 3475 km x 43000 km (lunar orbital distance from perigee to apogee)

#### III-Discussion

The previous data confirms the same meaning that the planet diameter has a relationship with his orbital distance, but why both of them has a relationship with the vision angle?

I have no clear answer for that, but we should review the theory of matter creation

Because the theory tells that the matter is a light beam (bright fringe) but we see as matter

...

That tells us the matter is found as a result of the observer effect on the observation results...

Please review

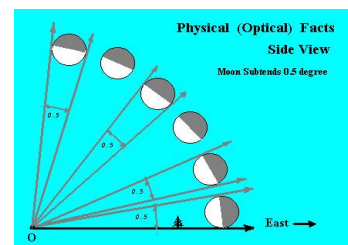
Solar Group Geometrical Structure

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

**Note please/**

Equation No.1 tells us that

If Earth revolve around the sun one complete revolution in one day only, the moon circumference will be 1 second distance of this day...



#### 4- Metonic Cycle is a relativistic motion

#### 4-1 Metonic Cycle is produced by light motion from Jupiter to Uranus

I- Data

Equation No.1

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

Equation No.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.3

$$86400 \times 2 = 6939.75 \times 25.2$$

Equation No.4

$$86400 = 5040 \times 17.14$$

Equation No.5

$$5041 = (71)^2$$

Equation No.6

- During Metonic Cycle Mercury moves a distance = Neptune orbital circumference
- During Metonic Cycle Earth moves a distance = Uranus orbital circumference
- During Metonic Cycle Saturn moves a distance = Mercury Pluto Distance
- During Metonic Cycle Pluto moves a distance = Mercury Uranus Distance

Equation No.7

$$(\text{Mercury velocity} / \text{Saturn Velocity}) = (6939.75 / 1407.6)$$

## II- The Discussion

### Equation No.1

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

- The Equation tells us that, light needs 6939.75 seconds to pass the distance between Jupiter and Uranus
- We know the Moon rotates Metonic Cycle for 19 years = 6939.75 days
- We may conclude that Metonic Cycle is found because of the light motion from Jupiter to Uranus
- 1 second of light motion from Jupiter to Uranus become 1 day in the moon motion in Metonic Cycle (**That Means The Moon Follows The Light Motion But With Different Rate Of Time**)
- The previous description is just supposition, let's try to know if it's real in following

### Equation No.2

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

- This equation tells us that the period 6939.75 suffers from Lorentz contraction for one time to produce the value 97.8 seconds... Lorentz contraction rate 71 is found by a motion with velocity = 0.9999c which we discussed in details in previous paper

The Sun Data shows Relativistic Effects (revised)

<http://vixra.org/abs/1806.0209>

- The value 97.8 seconds is very important, let's see its importance through the sub-equations a, b & c

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

Equation (a) tells us that Uranus Orbital distance depends basically on this value 97.8 seconds which is produced by Lorentz contraction from light motion period from Jupiter to Uranus (6939.75 second)

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

Earth Axial Tilt = 23.45 degrees, but one vertical =  $23.45 + 90 = 113.45$  degrees. From Mercury orbital circumference we know that 1 degree can be = 1 million km... That means the value 113.45 mkm is Earth Axial Tilt on vertical axis and that proves the relationship between Earth Axial Tilt and Uranus Axial Tilt.

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

97.8 degrees is Uranus Axial Tilt

122.5 degrees is Pluto Axial Tilt

0.8 degree is Uranus Orbital inclination

The equation tells us that Pluto axial is found completely depends on Uranus Data

### **In brief**

#### **Equation No. 2**

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

The equation tells us that the Sun diameter is found based on this equation.

The sun is created depends on the light motion from Jupiter to Uranus using the Lorentz contraction effect to produce the sun

i.e.

#### **In fact the sun is created based on relativistic effects**

That explains to us why Uranus Orbital distance 2872.5mkm is the most important distance in the solar group

$C^2 = \pi^3 \times 2872.5 \text{ mkm}$

This equation we knew, and we know that  $\pi^3$  is produced based on a relationship between Jupiter and Uranus, also we found that the period 6939.75 seconds is needed for the light to pass from Jupiter to Uranus

Also we know

The sun diameter = Jupiter diameter  $\times \pi^2$

All that confirms the same meaning of Equation No.2

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

That the sun is created based on this equation using Lorentz contraction

#### **Equation No.3**

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

This equation has specific importance let's discuss its components

- 1-  $86400 \text{ mkm} \times 2 = \text{solar group total energy}$ , as we have studied in my paper Solar Group Geometrical Structure <http://vixra.org/abs/1805.0081>

- 2- The value 6939.75 is the main value of this chapter where 6939.75 seconds is the time needed by light to pass from Jupiter to Uranus, but 6939.75 days is Metonic Cycle
- 3- 25.2 is Mars axial tilt... that tells us why Mars axial Tilt is the constant in Kepler equation..... Please review 3-4

#### **4-2 Mercury Day**

##### **I-Data**

Equation No.4

$$86400 = 5040 \times 17.14$$

- Mercury Day needs 84 minutes = 5040 seconds to be 176 days (mercury day = 4222.6 hours)
- $5041 (71)^2$

##### **II- The Discussion**

##### **First: Mercury Day**

1- There's an idea we can conclude from this data as following:

Mars immigration caused Mercury day to be decreased for this period 84 minutes

The mechanism is unclear but the data supports that completely..

We should notice that the mechanism is absolute complex because this process is done through using Lorentz contraction effect to produce the sun...

##### **Second: the Value 17.14**

Pluto Orbital Inclination= 17.2 degrees

Uranus day = 17.2 days

This value 17.2 in all its forms are found basically based on equation No. 4

Let's try to understand clearly as possible

- Solar inner planets orbital inclinations total = 17.4 degrees (7 mercury+ 3.4 Venus+ 5.1 the moon+ 1.9 Mars)

$$(17.2/17.4) = 0.99$$

This rate 0.99 is one of the main geometrical features of the solar group structure.. Let's provide the data in following

- 1- 4 planets Masses (Mercury + Venus+ The moon + Mars) = 0.99 of Earth Mass
- 2- Lorentz contraction in all my discussion depends on a velocity = 0.99c
- 3- 361 degrees /365.25 days = 0.99 (where 361 degrees is Metonic Cycle degrees = 19 degrees yearly x 19 years)
- 4- Mercury velocity in NASA Planet sheet is 47.4 km/sec but in fact Mercury needs a velocity = 47.8 km/sec to cover his orbital circumference 364 mkm in his orbital period 88 day .... So  $47.4/47.8=0.99...$  (that doesn't mean the recorded velocity is mistaken but there are 2 velocities, 0.99 and 1 ... we'll discuss that later)

##### **The Discussion**

The previous Data tells us that the rate 99% is one of the solar group geometrical features... let's explain that clearly

- Pluto orbital inclination 17.2 defines the solar inner planets orbital inclinational total 17.4 based on the rate (99/100)
- Pluto received this same value 17.2 degrees from Equation No.4 theoretically, but in fact he receives this value from Uranus practically, where Uranus day = 17.2 days!

To understand that let's stud the following equation

$$2 \times 86400 \text{ mkm} = 60 \times 2872.5 \text{ mkm (Uranus Orbital Distance)}$$

The previous equation tells us that

- Solar group total energy = 60 x (Uranus Orbital Distance)
- But why 60 is important rate here?
- Because 1 hour = 60 minutes and 1 minute = 60 seconds....

In my previous paper

The Time Definition

<http://vixra.org/abs/1805.0523>

- I explained How the distance values become time value as relativistic effect... the rate 60 is very important because these same distances are work as time values .... In this previous paper we have discussed the concept which is "the solar group unifies the distance to make different rates of time to create the seconds, minutes, hours...etc."

In next I provide more data proves that this rate 60 is one of the basic geometrical features in the solar group...

- Neptune Orbital diameter = 60 x Earth orbital distance
- 2 x Venus Uranus distance = 60 x Mercury Earth Distance
- 2 x Jupiter Pluto distance = 60 x Mercury Mars distance
- 3600 mkm = 30 x Venus Mars Distance  
(note  $C^2 - 86400 \text{ mkm} = 3600 \text{ mkm}$  but we know that the solar total  $2x 86400 \text{ mkm}$  ..... means the value 3600 will be double and the number 30 will be 60)
- Moon orbital circumference = 60 x Earth Circumference
- Jupiter diameter = 60 x Pluto diameter  
(The greatest and smallest diameters)
- Solar planets diameters total = 60 x Mars diameter  
(we know that Mars is specific planet in the solar group)

Equation No. 7

$$(\text{Mercury velocity} / \text{Saturn Velocity}) = (6939.75 / 1407.6)$$

We use here Mercury velocity = 47.8 km/sec

In this equation all values are in seconds units

But Mercury rotation period = 1407.6 hours

How can we understand that..?

The equation explain to us how the second values are transferred into hours values... that depends on Mercury motion but the mechanism still hard to be seen

The concept is the same "the solar group unifies the distances to create changes in the rates of time"



### **Third: Mercury velocity**

NASA Planets sheet records mercury velocity = 47.4 km/sec = 4.095 mkm/day

But Mercury orbital circumference 364 mkm to be covered in 88 days, needs Mercury to move with velocity 47.8 km/sec or 4.135 mkm/day (the difference = 1%)

I claim both velocities are real let's try to prove that here

- 4.135 mkm daily x 346.6 days (nodal year) = 1433.5 mkm (Saturn orbital distance)
- Means Mercury moves during the nodal year a distance = Saturn orbital distance
- Now suppose that this value 1433.5 mkm become time value to be 1433.5 days...
- 1433.5 days x 4.095 mkm /day = 5870 mkm (Pluto Orbital distance).. means Mercury moves during this period 1433.5 days a distance equal Pluto orbital distance...

Please Note

- Mercury Day needs 5040 seconds to reach 176 days
- 5040 seconds x 1.16 mkm/ sec = 5870 mkm
- i.e. The light (with velocity 1.16 mkm/sec) moves during this period 5040 seconds a distance = Pluto orbital distance

The previous Data lead us to the following conclusions:

- 1- Mercury moves following the light
- 2- i.e. the light moves during 5040 seconds from the sun to Pluto
- 3- then Mercury follows this same trajectory and move this same distance in a periods = 1433.5 days
- 4- this behavior is very similar to the moon behavior where the light moves from Jupiter to Uranus in 6939.75 seconds and the moon follows this same motion with different rate of time i.e. in 6939.75 days
- 5- I conclude that, this is a general behavior in the solar group ..  
i.e.

### **The planet is created from the light, and the light moves firstly, then later the planet follows the light with different rate of time**

- 6- The distance values work also as time values
- 7- The value 5040 and 5041 seconds may be the source of the additional second in the minute when found 1 minute = 61 seconds..

(Note Please Saturn moves during Metonic cycle period a distance = Mercury Pluto distance)

This idea we have discussed in the previous paper in details

The Time Definition

<http://vixra.org/abs/1805.0523>

### **5- 2737 phenomenon**

5-1 Is 2737 years Cycle a real one?

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Gerges Francis Tawadrous/

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5-2 The 2737 Phenomenon

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

**5-1 Is 2737 years Cycle a real one?**

**I- Data**

6939.75 days x 144 = 2736 years

**II-Discussion**

The previous equation tells us that Mars immigrated distance 144 mkm is found here as a rate which causes the cycle 2736 years

(Where I claim mars immigrated from his original point at 84 mkm from the sun to his current one 227. Mkm)

Let's try to understand what's happening here

Mars immigration is done basically by Uranus help as we discussed in my previous paper

The Sun Data shows Relativistic Effects (revised)

<http://vixra.org/abs/1806.0209>

i.e.

Mars immigration was planned and based on this immigration the phenomenon 2737 years is produced

**5-2 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

---

<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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Through the Mother of God mediation

**I do this research**

			<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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### 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,  
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- 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  
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**BEST REGARDS**

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

РОССИЙСКАЯ  
ФЕДЕРАЦИЯ



г. Москва

ФЕДЕРАЛЬНОЕ ГОСУДАРСТВЕННОЕ  
БЮДЖЕТНОЕ ОБРАЗОВАТЕЛЬНОЕ  
УЧРЕЖДЕНИЕ ВЫСШЕГО  
ПРОФЕССИОНАЛЬНОГО ОБРАЗОВАНИЯ

«Российский университет  
дружбы народов»

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11 сентября 2012

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(дата выдачи)

Фамилия, имя, отчество

**Гергес Фрэнсис Тавдрус Гергес**

Дата рождения **09 октября 1974 года**

Предыдущий документ об образовании

Сертификат о полном среднем образовании, 1994 год, Египет

Вступительные испытания **прошел**  
Поступил (а) в

2010 году в Государственное образовательное учреждение высшего  
профессионального образования «Российский университет дружбы народов»  
(очная форма)  
Завершил (а) обучение в

2012 году в Федеральном государственном бюджетном образовательном  
учреждении высшего профессионального образования «Российский  
университет дружбы народов» (очная форма)

Нормативный период обучения по очной форме **4 года**

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:

Лист №1

Государственное образовательное учреждение  
высшего профессионального образования  
**Российский университет дружбы народов**

**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.

Оценка в зачетной книжке проставляется лицами, проводившими экзамены и принимавшими зачеты.

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

На время зимних и летних каникул зачетная книжка сдается в деканат.

ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ОБРАЗОВАНИЮ



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**

Завершил(а) обучение

**20. 06. 2008 г.**

Профиль предвузовской подготовки:

**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 Сер. 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

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

# IELTS™

## Test Report Form

ACADEMIC

**NOTE** Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules.  
GENERAL TRAINING Reading and Writing Modules are **not** designed to test the full range of language skills required for academic purposes.  
It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed **after two years** from the date of the test.

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.

### Centre stamp



### Validation stamp



Administrator's Signature

Date 04/10/2016

Test Report Form Number 16EG005010GERG001A



The validity of this IELTS Test Report Form can be verified online by recognising organisations at <http://ielts.ucles.org.uk>



GOETHE-INSTITUT  
KAIRO/ALEXANDRIA  
المركز الثقافي الألماني

قسم اللغة  
Sprachabteilung in Kairo  
Sprachkurse und Pädagogische Verbindungsarbeit  
13 Sh. Hussein Wassef,  
Midan El-Missaha- Dokki  
Tel: 02/7484500 - 7484501 Fax: 02/3354702  
e-mail:sprache@cairo.goethe.org

## 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**

#### 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

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

contacts

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