

## Mercury Jupiter Distance (Revised)

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### Abstract

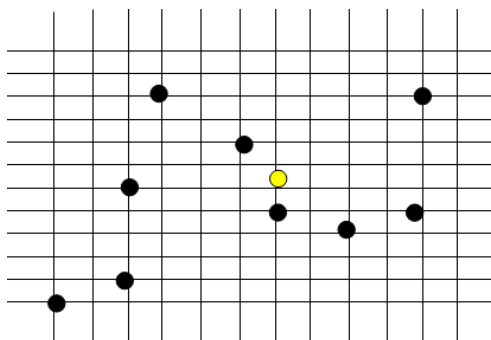
Mercury Jupiter Distance with Mercury other data supports my claim that,

**"The Solar Group is One Machine, Each planet is One Gear In It"**

Let's review this idea here again..... I suggest that,

- The Matter is created from Energy (this is true based on the Equation  $E=mc^2$ )
- The Distance is created from Energy (my hypothesis)
- That means, the Matter and Distance are created from the same Energy,
- That means, the whole solar group is created from the same one energy which guarantees the motions harmony.
- The matter should be seen as point of light coherence or energy lines connection where the energy is carried in the distances as in matters

The following map may help this Explanation



- The yellow circle is the sun, and the others are the solar planets
- The lines are Energy lines (distances)

Shortly:

The Planet Matter is created from some stuff, where the planet orbital distance is created from this same stuff... both are complementary to each and no one of both can be found individually

The solar group can be similar to the puppet theater, where the forces lines (or energy lines) create the planet matter, orbital distance and all other data, causing the planet motion to be in harmony with the other planets motions and data

Also the solar group can be similar to a great river has many branches, where many soils are created on these branches banks. The river water here is similar to the Energy which creates the planet matter, orbital distance and his motion

**The Assumption Of S. Virgin Mary**

Written in Cairo – Egypt

21<sup>st</sup> August 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**

Mercury Data provides us some real puzzles  
For example

- 1- Mercury orbital circumference = 360 million km = Mercury Ceres Distance = Ceres Jupiter distance (Max error 1%)
- 2- Mercury Day = 2 Mercury orbital periods approximately (just minus 84 minutes)
- 3- That means, Mercury during his orbital period moves a distance = Mercury Ceres distance (Note - Ceres orbital distance = 413.7 million km – error 1%)
- 4- And Mercury during his day period moves a distance = Mercury Jupiter distance (no error)

Why?

The previous data guide us to guess that, there's some relationship between the 3 planets orbital distance and Mercury orbital and day periods  
We need to prove this guess in this paper

That will support my basic claim that

**"The Solar Group is One Machine, Each planet is One Gear In It"**

The current theories deal with the solar planets as individual bodies connected with the sun by gravity forces depend on the masses  
And that's what I'm trying to disprove in many of my papers

The solar group is one machine and only one system or one body, each planet works as part of this same machine or body

As any creature body, there are hands and legs, and there's a head and eyes

Each member is different from the others but cooperates with the other because all of them together create one machine and do one Job

And why the planets are members in the same body?

Because all these planets and their orbital distances are created from the same Energy

Now the vision is clear as possible

**One Energy is the solar group source, and one Job is done by all solar planets cooperation**

This paper tries to prove this fact using Mercury Data  
to do that in best way we should answer the next 2 questions:

**1<sup>st</sup> Question/** Why Mercury moves a distance = Mercury Jupiter distance during Mercury day period? (answer in Point No.3)

**2<sup>nd</sup> Question/** How does the light passing from Jupiter to Uranus effect on Earth Moon Metonic Cycle? (answer in Point No.4)

## 2- Research Methodology

Let's summarize the methodology in following

- I analyze the real solar planets data to understand their origins and motions
- I use NASA Planetary Fact Sheet – Metric found in page no.2 with its link
- I provide all available questions, discussion and puzzled data trying to understand the solar planets motions.
- My suggested hypothesis and ideas can be acceptable only if they found support from the solar planets data and motions

I think the idea is clear, we may remember Pythagoras right triangle, the numbers 3,4 and 5 are Not just numbers, they show the geometrical rule  $3^2+4^2= 5^2$

I follow this same idea,

I analyze the planets data to conclude the geometrical rules behind

Let's discuss one example in following:

### Example No.1

#### Mars Puzzle

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.1</b> |                      |            |                       |       |
|-------------------|----------------------|------------|-----------------------|-------|
| Planet            | P <sup>2</sup>       | * 25       | = d <sup>3</sup>      | Error |
| Mercury           | (88) <sup>2</sup>    | <b>*25</b> | (57.9) <sup>3</sup>   | 0.2%  |
| Venus             | (224.7) <sup>2</sup> | <b>*25</b> | (108.2) <sup>3</sup>  | 0.3%  |
| Earth             | (366) <sup>2</sup>   | <b>*25</b> | (149.6) <sup>3</sup>  | 0     |
| Mars              | (687) <sup>2</sup>   | <b>*25</b> | (227.9) <sup>3</sup>  | 0.3%  |
| Jupiter           | (4331) <sup>2</sup>  | <b>*25</b> | (778.6) <sup>3</sup>  | 1.4%  |
| Saturn            | (10474) <sup>2</sup> | <b>*25</b> | (1433.5) <sup>3</sup> | 1%    |
| Uranus            | (30589) <sup>2</sup> | <b>*25</b> | (2872.5) <sup>3</sup> | 1.3%  |
| Neptune           | (59800) <sup>2</sup> | <b>*25</b> | (4495.1) <sup>3</sup> | 1.5%  |
| Pluto             | (90588) <sup>2</sup> | <b>*25</b> | (5870) <sup>3</sup>   | 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?!

#### **For Mars full discussion please read**

Solar Planets Order disproves the Gravity Theory <http://vixra.org/abs/1801.0114>

Let's see one more example before our discussion

**Example No.2**

**Table No. 2**

**"The Solar Planets Diameters Total Relationship With The Moon Orbit"**

If Earth diameter = 12756 km, is considered to be = 1

**i.e. The Earth Circumference which = 40080 km, will be just = $\Pi$**

| So The Following Is Correct                                                                     |              | Error |
|-------------------------------------------------------------------------------------------------|--------------|-------|
| ❖ Earth Circumference                                                                           | = $\Pi$      | -     |
| ❖ Solar Inner Planets Diameters total                                                           | = $\Pi$      | -     |
| ❖ Moon motion free space (from perigee to apogee)<br>(the free space without the moon diameter) | = $\Pi$      | 1.3%  |
|                                                                                                 |              |       |
| ❖ Moon Perigee Orbit Radius                                                                     | = $9\Pi$     | -     |
| ❖ Solar Outer Planets Diameters Total                                                           | = $9\Pi$     | -     |
|                                                                                                 |              |       |
| ❖ Moon Orbit Apogee Radius                                                                      | = $10\Pi$    | 1.2   |
| ❖ All Solar Planets Diameters Total                                                             | = $10\Pi$    | 1     |
| ❖ 2 Jupiter Diameters + Saturn Diameter                                                         | = $10\Pi$    | -     |
| Saturn Circumference = Moon Orbit Radius At Total Solar Eclipse                                 | = $9.5\Pi$   | -     |
|                                                                                                 |              |       |
| ❖ Jupiter Circumference                                                                         | = $11\Pi$    | 1.9   |
| ❖ The Sun diameter                                                                              | = $11 \Pi^2$ | 1.2   |

**Discussion**

- I try to explain my approach by each possible way,
- Some people consider such data as (Pure coincidences) and I provided these 2 tables here as small examples for thousands of data should be ignored because of this deceiver claim...
- Now If I can persuade the scientific community that, these relationships are found based on geometrical reasons and not by "Pure coincidences", that mean we have new source for knowledge and we should add **The Planet Data Analysis Method** to the experiment and observation as physics science basic research methods..

We can see the main question behind this table is  
How the planet diameter is created?

### 3- Why does Mercury move during his day period a distance = Mercury Jupiter distance? (1<sup>st</sup> Question)

#### 3-1 The Main Idea

How to answer?

Why Mercury moves during his day a distance = 720.7 mkm (Mercury Jupiter distance)?

Is there a relationship between Mercury Day and Jupiter orbital distance?

Let's take a look on the following equation

$$4222.6 \text{ seconds} \times 1.16 \text{ million km/sec} = 4900 \text{ million km}$$

Where

4222.6 hours = Mercury Day (this Value here is used in seconds units)

4900 million km = Jupiter orbital circumference

1.16 mkm/ sec light velocity I supposed it's found in the solar and used it frequently in my papers

How to understand the previous equation? Does it prove a relationship between Mercury day and Jupiter orbital circumference?

Let's summarize the main idea in following:

I claimed that, the solar group is one machine, where the solar planet data is created depending on other planets data

So, ...The same data is seen in different forms!

Example 1

1433.5 million km is Saturn orbital distance

Now .....let's suppose that, there's a period = 1433.5 days

1433.5 days  $\times$  4.095 mkm /day (Mercury velocity) = 5870 m km (Pluto Orbital distance)

Mercury velocity and Pluto orbital distance are real data, so I concluded there's a period = 1433.5 days! But why the same number is seen in 2 different units (time and distance units!)

This is repeated situation.. let's see another example

25920 years is Precession Cycle

But

$$0.3 \text{ mkm /sec (light velocity)} \times 86400 \text{ seconds (solar day)} = 25920 \text{ million km}$$

The same number is seen in time and distance units

I want to say

The same data is used in different situation with different units, why?

Because the same one energy is transported through the solar group creates the planets matters and orbital distances and causes their motions in harmony to guarantee the energy continues passing

What I want to say is

The solar group has her own geometrical system, but

In this system the same player works more than one role

But we don't see that because the direct observation create concepts in our mind which prevent us to see the truth

For example how the hour period can work as a second?

The Special theory of relativity gives explanation for this question

But who can prove that there are high velocity in the solar group motions?

We can conclude that from the relativistic effects which can be registered as Lorentz contraction effect which we have found in the planets orbital and internal distances..

### **3-2 Jupiter Diameter**

#### **I- Data**

Equation No.1

13.1 km /sec (Jupiter velocity) x 5040 seconds = 66024 km  
(5040 seconds are needed for Mercury day to be 176 days)

Equation No.2

66024 km x 10921 km (the Moon Circumference) = 720.7 million km

Equation No.3

13.1 km /sec (Jupiter velocity) x 10921 km (the Moon Circumference) = 142984 km  
(Jupiter Diameter)

Equation No.4

10921 km (the Moon circumference) = 366.25 x 29.8 km /sec (Earth Velocity)

Equation No.5

10921 km (the Moon circumference) x 449197.5 km (Jupiter Circumference) = 4900 m km  
(Jupiter orbital circumference).

#### **II- Discussion**

Let's remember our 1<sup>st</sup> question

Why Mercury moves during his day a distance = Mercury Jupiter distance?

Equation No. 1 tells us Jupiter moves during 5040 seconds a distance = 66024 km

Equation No.2 defined our required distance (720.7 mkm) as result of multiplying this distance 66024 km with Earth moon circumference 10921 km

What does that mean?

5040 seconds is a period we know perfectly, where Mercury Day needs only 5040 seconds to be 176 days accurately

During 5040 seconds Mercury moves distance = 2 Saturn diameter

But Mars during this same period 5040 seconds moves a distance = Saturn diameter

And Saturn himself during this period 5040 seconds moves a distance = Neptune diameter with error 1.3%

Now let's return to Jupiter who moves during this same period a distance = (720.7 million km / 10921 km Moon Circumference) why?

Let's discuss Equ.3

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

13.1 km /sec (Jupiter velocity) x 10921 km (the Moon Circumference) = 142984 km  
(Jupiter Diameter)

During 10921 seconds Jupiter moves a distance = his diameter! Why?

If we remember Jupiter diameter = 1 million km / 7

Where

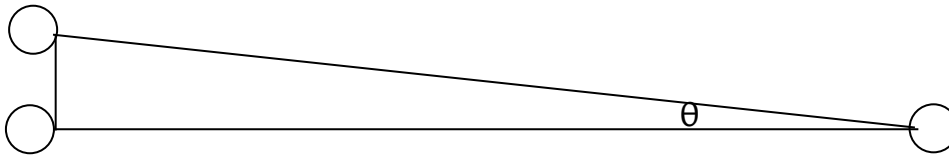
Mercury orbital circumference tells that 1 degree = 1 million km



And

Mercury orbital inclination = 7 degrees

If we remember  $\theta = 1/7$  degrees ( $\theta=0.142984$ )



In the figure

- The two near bodies are the Earth and Moon
- And the far body is the sun
- Angle  $\theta = 0.142984$  degrees

Angle  $\theta = 0.142984$  degree is found basically through Sun, Earth and Moon distances and diameters ...i.e.

$$\sin \theta = \frac{\text{Earth Orbital Distance}}{\text{Earth Moon Distance}}$$

I wish we remember

$$\frac{\text{Earth Diameter}}{\text{Moon Diameter}} = \frac{\text{Moon Diameter}}{\pi D} = \frac{\text{Sun Diameter}}{\text{Earth Moon Distance}} = \frac{\text{Jupiter Circumference}}{\text{Saturn Diameter}} = \frac{\theta}{\phi} = 3.66$$

**D: is the covered distance on Earth by the total solar umbra shadow = 304 km**

For more discussion please review

Solar Group Geometrical Structure (page 37)

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

what does that mean?

Jupiter diameter is produced by 2 different ways (at least), the first by Jupiter motion by his velocity during a period = 10921 seconds where Earth moon circumference = 10921km

And the second way by dividing

1 degree of Mercury orbital circumference / Mercury orbital inclination

In fact I can't explain that

The planet diameter is an Energy and the distance is an Energy where the distance and time values can be equivalent in higher velocity as relativistic effect, that I claimed and discussed in many previous papers

Does That mean the planet diameter and circumference values can be used as time values?

That what is told by the equations, but I have no explanation how that can be done!

I wish the reader sees that, the solar group geometrical rules aren't easy to be concluded to explain what's happening here, any way we have a support for the main concept that the solar group is one machine

**Equation No.4**

10921 km (the Moon circumference) = 365.25 x 29.8 km /sec (Earth Velocity)

Equation No.4 tells us the same meaning. Also Earth Moon circumference is produced as a distance moved by Earth velocity for a period = 365.25 seconds

Here the 365.25 days become 365.25 seconds...

(**NOTE/** the Equation is similar to our old one which is 4222.6 seconds x 1.16 mkm/sec= 4900 mkm where Mercury day=4222.6 hours, and 1.16 mkm/sec is light velocity I supposed and used always in my paper, at end 4900 mkm is Jupiter orbital circumference, and in this equation the hours are used in seconds units)

**Equation No.5**

10921 km (the Moon circumference) x 449197.5 km (Jupiter Circumference) = 4900 m km (Jupiter orbital circumference).

Let's remember equation No.2

66024 km x 10921 km (the Moon Circumference) = 720.7 million km

So, Jupiter Mercury distance and Jupiter orbital circumference are defined based on the Moon circumference in both equations...

I try to explain that there are geometrical reasons behind these values

I have no explanation till now

The secret is in the planet diameter

We should find the matter definition to understand what's happening here

### **3-3 Mercury Jupiter Distance (720.7 million km)**

#### **I- Data**

Equation No.6

Neptune orbital distance 4495.1 mkm =  $2\pi \times 715.12$  million km

Equation No.7

$$\frac{\text{Jupiter orbital distance } 778.6 \text{ mkm}}{\text{Mercury Jupiter distance } 720.7 \text{ mkm}} = \frac{\text{Mercury Jupiter distance } 720.7 \text{ mkm}}{\text{Venus Jupiter distance } 670 \text{ mkm}} = \frac{\text{Venus Jupiter distance } 670 \text{ mkm}}{\text{Earth Jupiter distance } 629 \text{ mkm}} = 1.0725$$

Equation No.8

Pluto Jupiter distance 5091.4 mkm =  $7.1 \times 717$  million km

Equation No.9

Mercury Velocity ( $(\pi+1) \times 1$  million km) / 1.1318 million km / day (Jupiter velocity) = 3.66

Equation No. 10

4.095 mkm/ day (Mercury Velocity)  $\times$  1.5478 mkm/ day (Ceres Velocity) =  $2\pi \times 1$  m km

3.02 mkm/ day (Venus Velocity)  $\times$  2.082 mkm/ day (Mars Velocity) =  $2\pi \times 1$  m km

2.58 mkm/ day (Earth Velocity)  $\times$  2.41 mkm/ day (The Moon Velocity) =  $2\pi \times 1$  m km

#### **II- Discussion**

Equation No.6

Neptune orbital distance 4495.1 mkm =  $2\pi \times 715.12$  million km

The produced value 715.1 million km is very near to 720.7 mkm (error 0.7%)

We have studied the value 4495.1 mkm (Neptune orbital distance) before and I suggested that this value is the inner planets energy source

Please review

Solar Group Geometrical Structure

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

Equation No.7

$$\frac{\text{Jupiter orbital distance } 778.6 \text{ mkm}}{\text{Mercury Jupiter distance } 720.7 \text{ mkm}} = \frac{\text{Mercury Jupiter distance } 720.7 \text{ mkm}}{\text{Venus Jupiter distance } 670 \text{ mkm}} = \frac{\text{Venus Jupiter distance } 670 \text{ mkm}}{\text{Earth Jupiter distance } 629 \text{ mkm}} = 1.0725$$

Also this Equation we have studied before in the same paper

The rate 1.0725 is found because of Lorentz length contraction effect, this idea I tried to prove by many different ways in different papers ....

Please review .....

The Time definition <http://vixra.org/abs/1805.0523>

Equation No.8

Pluto Jupiter distance 5091.4 mkm =  $7.1 \times 717$  million km

7.1 is lorentz contraction rate for velocity  $v = 0.99 c$  ( $c =$ light velocity)

And that means the distance 717 mkm (approximately = 720.7 mkm –Mercury Jupiter distance ) is a contracted distance from Jupiter Pluto distance, and that gives us a new vision for the solar planets orbital distances

**IN THE ALMIGHTY GOD NAME**

Through the Mother of God mediation

I do this research

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Equations No. 9 and 10 tell us that, the planet velocity is found relating to other planets velocities... but why their multiplying produce  $2\pi \times 1 \text{ m km}$ ? I don't know

I wish the reader sees that, the solar group geometrical rules are many and strange from what we learn in our Geometry book..!

**III-Deep Discussion**

I try to explain that, the current solar group description is incorrect because the current theories deal with the solar planets as individual bodies from each other and their data are independent from each other...

where I try to prove that the solar group is a great machine or one body... has hands and legs, head and eyes ... they are different members but all of them are found complementary to each other depending on each other and work with each other

that means the solar planets are found relating to each other, and work in cooperation with each other

No planet single data is found independently from the other planets data

The solar planets cooperation is the base for their existence

And based on this cooperation the sun herself is produced, where the sun production is the solar group main job.

### **3-4 More Clear Discussion**

Shortly, why Mercury moves during his day period a distance = Mercury Jupiter distance?  
Because Mercury Jupiter distance and Mercury day depends on the same source...  
Let's summarize that here

- The distance 720.7 mkm let's suppose it's = 720 million km only
- 1 million km = 1 degree so this distance = 720 degrees
- Mercury day = 175.94 days = 719.76 degrees

$$\frac{\text{Mercury Jupiter distance } 720 \text{ mkm} = 720 \text{ degrees}}{\text{Mercury Day} = 719.76 \text{ degrees}} = \frac{28.6363}{28.6268}$$

$$28.6363 = (180 / 2\pi)$$

$$28.6268 = (179.9 / 2\pi)$$

But

$$179.9 = 177.4 \text{ Venus axial tilt} + 2.5 \text{ Saturn orbital inclination}$$

This idea we have discussed before in my previous paper

The Sun Data shows Relativistic Effects (revised) (page 21)

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

also I wish we remember that Neptune orbital inclination = 28.3 degrees which is very near to the previous data

I want to say

The solar group motions depends on a cooperation is done between Saturn and Venus to create the value 179.9 degrees, this value will be used for the whole solar group

But of course 179.9 degrees is not equal 180 degrees which is the standard value, so the difference between both caused Mercury Day to be decreased from 176 days to be 175.94 days and that caused the degrees to change from 720 degrees to 719.76 degrees

I see this idea is not clear yet

But we need to know Neptune orbital effect on this process, which is a main factor is the equation

Why my idea is useful if it's not clear?

I wish the reader sees easily the argument

I can't explain the geometrical basics of each point in the solar group

It's far from me now

But I can claim easily that, the solar group is one machine or one system each planet is one gear in this machine and cooperates with the other to produce the solar group all motions

Each point I add in my papers support this fact

But to explain completely the whole geometrical structure of the solar group I need more time

#### 4- Mercury effect on Metonic Cycle (2<sup>nd</sup> Question)

##### 4-1 Data

###### Equation No.7

$2 \times 6939.75 \text{ seconds} = \pi^2 \times 1407.6 \text{ hours}$  (1407.6 hours = Mercury rotation period)

Please remember

The light with velocity 0.3 million km/ second needs 6939.75 seconds to pass the distance from Jupiter to Uranus 2095 million km

###### Equation No.8

$1407.6 \text{ days} = 8 \times 175.94 \text{ days}$  (mercury day = 175.94 days)

###### Equation No.9

$6939.75 \times 4 = 175.94 \text{ days} \times 2\pi \ 50.3 \text{ million km}$

###### Equation No.10

$612 \text{ million km} \times 4 = 2448 \text{ million km} = \pi \ 778.9 \text{ million km}$  (778.6 million km = Jupiter orbital distance)

##### 4-2 The Discussion

the previous equations tell us a clear idea that, the light needs a period = 6939.75 seconds to pass from Jupiter to Uranus (2095 million km)

the light passes with energy...

we don't know any data about this energy except it's period of time 6939.75 seconds

this is the energy (we should discuss how the time can be energy later)

this energy which is 6939.75 seconds will be transported to the Earth Moon

and will be shown on the Earth moon as a cycle of 6939.75 days (Metonic Cycle)

so

##### It's The Same Energy

But for light, this energy is seen as a period of seconds (6939.75 seconds)

And for the moon this same energy is seen as a period of days (6939.75 days)

The previous Equations tell us How this process is done?

Let's discuss it in full details in following

###### Equation No.7

$2 \times 6939.75 \text{ seconds} = \pi^2 \times 1407.6 \text{ days}$  (1407.6 hours = Mercury rotation period)

Why we need 2 periods of 6939.75 seconds?

Because Jupiter Uranus distance 2095 mkm is defined 2 times along the orbital diameter passing through the sun... the distance 2095 mkm should be double in the full revolution

So the number  $2 \times 6939.75 \text{ seconds}$  .... Is real number

Now let's discuss what this equation tells us

$2 \times 6939.75 \text{ seconds} = \pi^2 \times 1407.6 \text{ hours}$  (1407.6 hours = Mercury rotation period)

What does this Equation tell us?

$2 \times 6939.75$  are seconds

But 1407.6 are hours .... What does that mean?

##### **The seconds are transferred into hours!**

We don't know by what mechanism the process is done! We see only the factor  $\pi^2$

We remember that Earth gravity = 9.8 and this number is very near to the factor  $\pi^2$

I conclude that,

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Through the Mother of God mediation

I do this research

The period of seconds of Light motion will be period of hours for Matter Motion if  $\Pi^2$  is the factor of transformation the Energy of light into Energy of Matter

This conclusion isn't clear yet, but the basic idea can be summarized in following

**The creation of matter from the Energy necessitates to change the time rate of this Energy**

**And in this case the second becomes an hour because the light becomes matter**

**Equation No.8**

1407.6 days = 8 x 175.94 days (mercury day = 175.94 days)

The previous equation tells us that the 1407.6 hours will be 1407.6 days to be seen as 8 Mercury day where each Mercury day = 175.94 days

The idea still can be seen here also,

The hour period is transferred into a day period

This process is done based on the machine gears...

That means

The different motions of the solar planets cause the motions to be coherent with each other to produce the previous effect

Let's summarize the whole idea:

- 1- The second period will be transferred into hour period while the light becomes matter
- 2- The hour period will be a day period based on the solar group different motions and cycle

By such way the period 6939.75 seconds for the passing light from Jupiter to Uranus will be 6939.75 days for the Earth Moon which is seen as Metonic Cycle

**Let's explain that in more details**

The light needs 6939.75 seconds to pass from Jupiter to Uranus, this energy is transported to the Earth Moon through Mercury, first the seconds are transferred into hours and later these hours are transferred into days through Mercury Day that means 6939.75 seconds will be 6939.75 days

To understand that with more depth let's discuss Equation No.9

**Equation No.9**

6939.75 x 4 = 175.94 days x  $\Pi$  50.3 million km

6939.75 x 4 = 27759 mkm = 2 $\Pi$  4416 million km (Mercury Neptune distance)

Equation No.9 explains that with each possible details

The period 6939.75 will work in 4 parts

This value is transferred into Mercury day (175.94 mkm) x  $\Pi$  50.3 million km

Where  **$\Pi$  50.3 million km** is the circumference of Mercury Venus distance 50.3 mkm

How can we understand that?

The distance  **$\Pi$  50.3 million km** works as a time period while we see it as a distance

This value 50.3 seconds is seen for us as a distance where its circumference works to define Mercury Day period

That means..... The Value 6939.75 depends on 2 value

- 1- Mercury Day 175.94 million km
- 2- 50.3 million km and its circumference 50.3. x  $\Pi$

Where these 2 values define the Metonic Cycle .....I want to say that

Metonic Cycle depends on 2 values **Mercury days and Mercury Venus circumference**, these 2 values are seen from us as a period value and a distance value but it's our vision for them, where in fact both of them are periods of time

So the distance 50.3 million km is a period of time we see as a distance

For example

50 seconds x 1.16 million km (light higher velocity) = 5870 million km (Pluto orbital distance) .....We can see that 50 is a time period

And this same value will be seen as 50.3 million km from us

Equation No. 9 tells us that

**Metonic Cycle depends on Mercury Day and Mercury Venus Distance**



**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

---

<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)<br>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 =<br><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 =<br>78 L. Y +132.8162 d                   | <b>76 BLY+399d =<br/>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 =<br>117 L. Y + 199.224d                    | 115 BLY+ 238.5d                                                   |
| M. Cycle 7           | 133 S. Y                         | 20                                                   | 136 L. Y +409.519d=<br><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=<br>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=<br>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=<br><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=<br>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=<br>313 L. Y +17.0834d                      | 308 BLY+156d                                                      |
| M. Cycle 17          | 323 S. Y                         | 20                                                   | 332 L. Y +387.378d=<br><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=<br>372 L. Y + 99.60486d                    | 365 BLY+455.25d=<br>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=<br>411 L. Y +166.013d                   | 404 BLY+294.75 d                                                  |
| M. Cycle 22          | 418 S. Y                         | 20                                                   | 430 L. Y +376.308d<br><b>431 L. Y +22.12626d</b>              | 423 BLY+394.5d=<br>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=<br>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=<br>509 L. Y + 154.9426d                 | 500 BLY+433.5d=<br>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=<br>568 L. Y + 77.464d          | 558 BLY+ 372.75d=<br>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=<br>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 =<br>636BLY+51.75d      |
| M. Cycle 34 | 646 S. Y | 20 | 665 L. Y + 420.5754d=<br><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=<br>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<br>=713BLY+90.75d       |
| M. Cycle 38 | 722 S. Y | 20 | 743 L. Y + 553.391d=<br>744 L. Y + 199.2092d        | 732 BLY+190.5d                           |
| M. Cycle 39 | 741 S. Y | 20 | 763 L. Y +409.5042d=<br><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=<br/>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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- 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)

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**BEST REGARDS**

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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»

АКАДЕМИЧЕСКАЯ  
СПРАВКА

АВ 3048222

5429/н

(регистрационный номер)

11 сентября 2012

года  
(дата выдачи)

Фамилия, имя, отчество

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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

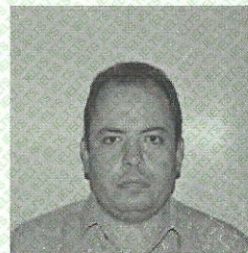
Candidate Number 005010

### 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  
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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**

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

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

contacts

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

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

All papers

<https://www.slideshare.net/search/slideshow?searchfrom=header&q=gerges+francis+papers+>