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84 Minutes are required for Mercury Day
Solar System Geometry (Part 15)
By Gerges Francis Twadrous

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Abstract

Mercury Day needs 84 = 5040 seconds minutes to be 176 days

This Data analysis supports my claim that

"The Matter and Distance are created together by the Same Energy"
i.e.
The Matter is Energy
The Distance is Energy

The Space (distance) is a complementary to the Matter,
Means the matter can't be created without Space

Imagine a classroom
The classroom is NOT a space will be filled with desks..
It's mistaken
Each desk is brought inside the classroom, brought with it a part of the classroom floor
Now, the classroom floor is created with the desks and NOT without..
That's the concept I want to suggest
The matter and distance are complementary to each other … no one of both can found alone
This idea can easily be concluded from Matter Theory of Creation
Where the Theory supposes that the Matter is bright fringes and the distance is dark fringes
We can see that the matter is created as a rate to its complementary distance..
This meaning we concluded easily from the Equation
Planet orbital distance = Planet diameter $* 109^2$

Note Please: 84 minutes = 5040 seconds but $(71)^2 = 5041$

Please review
Solar Planet Diameter Creation Rule
http://vixra.org/abs/1807.0190
Solar Group Geometrical Structure
http://vixra.org/abs/1805.0081

S. Virgin Mary Assumption into Heaven.
Written in Cairo – Egypt
23rd July 2018

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Planetary Fact Sheet - Metric

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

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

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1- Introduction

This paper provides a solution for the Moon Orbit Puzzle (Earth Moon)
Which I found from very long ago…

Let's remember this Puzzle here again.....

1- **Earth Moon Distance at Perigee point =363000 km = Solar Outer Planets Diameters Total**
2- **Earth Moon Distance at Apogee point =406000 km = Solar Planets Diameters Total**
3- **The Distance between Perigee and Apogee = 40000km = Inner Solar Planets Diameters Total = Earth Circumference.**

The question is why these relationships are found?
The answer for this question I provide in Points No. 4 and 5 of this paper

The paper contains
1- Mercury Day Discussion
2- The Moon Orbit geometrical Structure
3- Metonic Cycle

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3- Mercury Day

3-1 Planet Diameter Creation

3-2 The Solar Group Main Energy

3-3 the Period 84 minutes

3- Mercury Day

I- Data

Group No. 1

a- Mercury moves during 84 minutes a distance = 2 Saturn diameter   (error 1%)

b- Mars moves during 84 minutes a distance = Saturn diameter   (less than 1%)

c- Saturn moves during 84 minutes a distance = Neptune diameter   (error 1.2%)

d- Pluto moves during 84 minutes a distance = Pluto circumference x π   (less than 1%)

Group No. 2

Equation No. 1

Saturn diameter x 2 x $(71)^2$ = 1205 mkm (Mars Saturn distance)   (less than 1%)

Equation No. 2

Jupiter diameter x $(71)^2$ = 720.7 mkm (Mercury Jupiter distance)   (no error)

Equation No.3

Pluto diameter 2390 km x $(7.1)^2$ = 120536 km (Saturn diameter)

Equation No.4

- Saturn Circumference x 2 = 2 x Jupiter circumference – Jupiter diameter (no error)

- Solar Planets diameters total = 2 Jupiter diameter + 1 Saturn diameter

Equation No.5

     i- The Sun Diameter = Jupiter Diameter x π^2 (error 1.4%)

     ii- Saturn Diameter = Venus Diameter x π^2 (error 1%)

Equation No.6

(The Sun diameter/Saturn Circumference) =(Earth Diameter/ Moon diameter)

The previous Equation is the total solar eclipse equation

Group No. 3 (The Solar Group Main Energy)

Equation No.7

2 x 86400 mkm x 1.392 mkm (the Sun diameter) = 120536 km x 1mkm^2

Equation No.8

120536 x 1 mkm = 6939.75 x 17.4 = 1.392 x 17.2 x $(71)^2$

Group No. 4

Equation No.9

Saturn diameter 120536 km x 4 = 71 x 6792 km (Mars diameter)

Equation No. 10

   i- 2 Saturn circumference x Pluto Circumference = 115.2 mkm (Mercury orbital diameter)

   ii- 4 Saturn Circumference x Venus diameter = the Sun Pluto distance (error less 1%)

Equation No. 11

Pluto diameter 2390 km x 101 = 2 Saturn diameter

(Note/ Mercury orbital distance 101 = Pluto orbital distance)

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3-1 Planet Diameter Creation

Data group No. 1 we'll discuss in sub-point 3-3

Here we discuss data group No. 2

Equations No. 1 and 2

No. 1

Saturn diameter x 2 x $(71)^2$ = 1205 mkm (Mars Saturn distance) (less than 1%)

No. 2

Jupiter diameter x $(71)^2$ = 720.7 mkm (Mercury Jupiter distance) (no error)

These equation tell us a clear meaning that the Planet diameter is a rate of his distance to another planet with Lorentz contraction = $(71)^2$ = 5040

Equation No. 3

Pluto diameter 2390 km x $(7.1)^2$ = 120536 km (Saturn diameter)

This equation also tells the same meaning

We should note that, Saturn diameter 120536 km which is found in Equation NO. 3 is a distance, because Mercury moves during 5040 seconds a distance = 2 Saturn diameter

So this value 120536 km is a distance also

But the rate here is 7.1

And we know there are 2 rates for Lorentz contraction in the solar group (actually 3 rates)

The rate 71 for a velocity 0.9999c

And the rate 7.1 for a velocity 0.99c

Both are one velocity but the higher one is produced by relativistic effects (where I still search for the real description)

Equations No 1,2,3 and 9 tell us that the planet diameter is produced as contracted distance by different rates may be 71, $(71)^2$, 7.1 or $(7.1)^2$

This explain the theoretical reason for the relationship we have found between the planet diameter and his orbital distance

Let's provide more equations to support this same meaning

Table No.1	Error
2 Saturn diameter = (71) x 3475 km Earth- Moon diameter	2.2%
120 mkm (Venus Mars distance) = $(71)^2$ x 2 Venus diameter 12104 km	2.4%
41.4 mkm (Venus Earth distance) = $(71)^2$ x 2 Earth diameter 12756 km	1.1%
778.6 mkm Jupiter orbital distance = = $(71)^2$ x Neptune diameter 49528 km	Less than 1%
41.4 mkm (Venus Earth distance) = $(71)^2$ x Uranus diameter 51118 km	1%

Table Discussion

In previous table we should see the distance 41.4 mkm (row No. 3 and 5)

This distance 41.4 mkm is a contracted from the distance 2095 mkm (Jupiter Uranus distance) by a rate $(7.1)^2$

Jupiter- Uranus Distance 2095 mkm is the cornerstone of the solar Group Geometrical structure as we'll see in next point (No.4)

The Conclusion

The planet diameter is created as a contracted distance whether by a double or single contraction for rate 71 or 7.1

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Equation No.4
- Saturn Circumference x 2 = 2 x Jupiter circumference – Jupiter diameter (no error)
- Solar Planets diameters total = 2 Jupiter diameter + 1 Saturn diameter
This equation tells us that the solar planets diameter are depended on Jupiter and Saturn diameter
I claimed Saturn is created after Mars Immigration
Mars Immigration Proves (Revised)
http://vixra.org/abs/1807.0268

If it's true, that will mean Saturn diameter should be created to be in harmony with Jupiter to perform the previous equations, but that's not true completely because there's one Master for the whole solar group which is the Energy which created the planet diameter, mass and his orbital distance
That means the harmony is performed by the whole solar group and not by one planet to another
That's why the following Equation are found
- The Sun diameter = Jupiter diameter x π^2 (error 1.4%)
- Saturn diameter   = Venus diameter x π^2 (error less than 1%)
The solar planets motions harmony doesn't depend on one planet but depends on the solar group whole energy

3-2 The Solar Group main Energy
Data Group No. 3
Equation No.7
2 x 86400 mkm x 1.392 mkm (the Sun diameter) = 120536 km x 1mkm^2
This equation tells us why Mercury moves during 84 minutes = 5040 seconds a distance = 2 Saturn diameter
2 Saturn diameter x 1 mkm^2 = the Solar group total Energy (2 x 86400mkm) x 1.392 mkm (the Sun diameter)
So, the Value 2 Saturn diameter x 1 mkm^2 expresses the solar group whole energy = 2x 86400 mkm which we have studied before in full details
Please review
Solar Group Geometrical Structure
http://vixra.org/abs/1805.0081
We got a deep vision for the value 120536 km (= Saturn diameter)
But how this Value can be 120536mkm^2?
Where we can find 1mkm^2?
Earth Moon Orbital Diameter = 1 mkm
(1 million km on horizontal and 1 mkm on vertical)
Of course Saturn is created after Mars immigration, but Saturn is created with Earth moon
This fact we need to discuss in details in another paper any way the appendic No. 1 in this paper provides an explanation for the phenomenon 2737 which is done by Mercury- Venus and Saturn, they followed Earth Moon trajectory in a known astronomical phenomenon which supports the previous claim..

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3-3 The period 84 minutes =5040 seconds

Data group No. 4

In my previous paper

Pluto was "The Mercury Moon"

http://vixra.org/abs/1807.0331

I claimed that Pluto was The Mercury Moon, where the distance between Mercury and Pluto (his supposed Moon) was = 2 Saturn diameters which is the distance passed by Mercury during 5040 seconds

So the value 4 Saturn diameters is the Pluto orbital diameter around Mercury… many data supports this meaning

Equation No. 11

Pluto diameter 2390 km x 101 = 2 Saturn diameter

(**Note/** Mercury orbital distance 101 = Pluto orbital distance)

This equation supports the same meaning

But the value 5040 seconds has another importance …let's see that

Mercury needs 5040 seconds to move 2 Saturn diameter..

And for 4 Saturn diameters Mercury needs? 10080 seconds

The previous data has special value

Because if 1 second at **any place** = 10080 seconds of Earth Time

That will make Earth velocity (29.8 km/sec) will = light velocity for **this same place**

 I claimed frequently that Earth has a hidden velocity = 0.99c

And that means, the value 10080 is very important value in the solar geometrical structure which performs the Earth higher motion

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4- The Moon Orbit geometrical Structure
I- Data

1- 2095 mkm (Jupiter Uranus distance) = $(71)^2$ x (0.415mkm)   (error 2.3%)
     (0.415 mkm Earth Moon distance at apogee point)

2- 2095 mkm (Jupiter Uranus distance) = $(7.1)^2$ x 41.4 mkm (Venus Earth distance)

3- 2095 mkm (Jupiter Uranus distance) = Satrun Circumference x Moon Circumference
                                              (error 1.2%)

4- 2095 mkm(Jupiter Uranus distance)= 122.5 Pluto axial tilt x 17.2 Pluto orbital inclination

5- 2095 mkm(Jupiter Uranus distance) = $(Saturn diameter)^2$/ 7.1   (error 1.4%)

6- 2095 mkm(Jupiter Uranus distance)= 0.3mkm/ sec (light velocity) x 6939.75 seconds

II- More Data

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 =Π

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

4-1 The Moon Orbital Geometrical Structure
Equation No.1
2095 mkm (Jupiter Uranus distance) = $(71)^2$ x (0.415mkm)   (error 2.3%)
     (0.415 mkm Earth Moon distance at apogee point)
Equation No. 1 tells us that the distance between Earth and the Moon at apogee point is a contracted distance from (Jupiter – Uranus Distance 2095mkm) with a rate $(71)^2$
So the Moon orbit radius at apogee 406000km depends on the distance 2095mkm
(Result No.1)

Equation No.2
2095 mkm (Jupiter Uranus distance) = $(7.1)^2$ x 41.4 mkm (Venus Earth distance)
Equation No. 2 tells us that the distance 41.4 mkm (Venus Earth distance) is created as a contracted distance from 2095 mkm by a rate $(7.1)^2$

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i.e.

Venus- Earth Distance is produced by contraction from the same distance 2095

Means Venus- Earth Distance depends on the same distance 2095 mkm

We know that

The moon orbit radius at period 363000km is created as a contracted distance from Earth daily motion

2.58 mkm (Earth daily motion) /7.1 = 363000km

We have studied that before and I explained that

The perigee radius 363000 km is the Earth daily motion energy which traveled from Earth to the moon and we see it as a perigee radius

Please review

Earth Motion Produces the Moon Orbit

http://vixra.org/abs/1806.0137

That means, Earth Venus distance (Earth orbital distance) depends on 2095mkm (Jupiter Uranus distance)

i.e.

The moon orbit perigee radius depends on the distance 2095 mkm

<p align="center">**(Result No.2)**</p>

Equation No. 5

2095 mkm(Jupiter Uranus distance) = (Saturn diameter)^2/ 7.1 (error 1.4%)

Equation No. 5 tells us that, the distance 2095 mkm depends on Saturn diameter value

i.e.

There's a connection between Saturn diameter and the distance 2095 mkm

Please remember

Saturn Circumference = the distance between Earth and Moon at total solar eclipse radius

Means

The Earth moon distance at total solar eclipse depends on Saturn diameter

i.e.

The Earth moon distance at total solar eclipse depends on the distance 2095 mkm

<p align="center">**(Result No.3)**</p>

The Conclusion

From results No. 1, 2 and 3

We can see that the moon orbital geometrical structure depends on the distance 2095mkm (depends on Saturn diameter) …….Which explainS our old puzzle? Why

1- Earth Moon Distance at Perigee point =363000 km = Solar Outer Planets Diameters Total

2- Earth Moon Distance at Apogee point =406000 km = Solar Planets Diameters Total

3- The Distance between Perigee and Apogee = 40000km = Inner Solar Planets Diameters Total = Earth Circumference.

(Equation No.6 we'll discuss in the next point no.5)

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5- Metonic Cycle is a relativistic motion
5-1 Metonic Cycle is produced by light motion from Jupiter to Uranus
I- Data
Equation No.1

6939.75 seconds x c velocity = 2094 million km (Jupiter Uranus Distance)

Equation No.2

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

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

Equation No.3

86400 x 2 = 6939.75 x 25.2

Equation No.4

86400 = 5040 x 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

(Mercury velocity/ Saturn Velocity) = (6939.75/1407.6)

II- The Discussion
Equation No.1

6939.75 seconds x 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

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

a- $(97.8)^2$ x c velocity   = 2872.5 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 second x 1.16 mkm/sec   =113.45 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 degrees = 122.5 degrees x 0.8 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 x 71 = $(71)^2$ x 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
$C^2 = \pi^3$ x 2872.5 mkm
This equation we knew, and we know that π^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 x π^2
All that confirms the same meaning of Equation No.2
6939.75= 97.8 x 71 = $(71)^2$ x 1.392
That the sun is created based on this equation using Lorentz contraction
Equation No.3
86400 x 2 = 6939.75 x 25.2   (error 1%)
This equation has specific importance let's discuss its components
1- 86400 mkm x 2 = 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…….

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

1- Introduction

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

I called this phenomenon

"The 2737 Egyptian Astronomic Phenomenon"

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

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

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

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 3rd December 2012 for the third time, so the Number 8211 years is important number for human life or at least for the pyramids age.

- ❖ *Fourth,* I may claim that the Pyramids builders built the three Pyramids specifically for the 2737 Egyptian phenomenon.

- ❖ *Note:* The Great Pyramid Height is 5776 Egyptian inches = the distance between the Sun & Pluto (each inch = 1 million kilometer)

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1ST SECTION

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

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

We see the 32 Sidereal year a cycle   = 11688 days

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

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

We know that the plane of lunar orbit regresses 19 degrees each year that causes the eclipse to come early 19 days each year[2]

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

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

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

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

That lead to the following results

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

The lunar cycle which contain 33 Synodic year   = 11687.999days

The Sidereal Cycles which contain 32 sidereal year   = 11688 days

Where both come to end in the same day

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

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

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2ND SECTION

The Basic Lunar Year 360 Days

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

But there's another year related to the moon,

In this year we should added the modified year 354.1818 to the difference of days caused by

the lunar orbital inclination which was 5.8 days approximately

So 5.8+ 354.1818 = 360 days approximately

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

The Basic Lunar Year

Now we have three types of years

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

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

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3RD SECTION

The 2737 Egyptian Astronomic Phenomenon depends on Metonic Cycle

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

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

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 = **39 L. Y + 66.408 d**	38 BLY+ 199.5 d
M. Cycle 3	57 S. Y	**19**	58 L. Y + 276.703 d	57 BLY+ 299.25d
M. Cycle 4	**76 S. Y**	**20**	77 L. Y +486.998 d = 78 L. Y +132.8162 d	76 BLY+399d = **77 BLY+39 days**
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= **137 L. Y +55.3374d**	134BLY+ 338.25d
M. Cycle 8	152 S. Y	19	156 L. Y +265.6324d	153 BLY+438d= **154 BLY+78days**
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= **235 L. Y +44.267d**	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= **333 L. Y + 33.1966d**	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 **431 L. Y +22.12626d**	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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			529 L. Y +11.0558d	
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	**626 L. Y + 354.1872=627 L. Y**	616 BLY+ 312d
M. Cycle 33	627 S. Y	**19**	646 L. Y + 210.295	635 BLY+ 441.75d = 636BLY+51.75d
M. Cycle 34	646 S. Y	**20**	665 L. Y + 420.5754d= **666 L. Y + 66.3936d**	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= **764 L. Y + 55.3224d**	751BLY+289.5d
M. Cycle 40	760 S. Y	19	783 L.Y + 265.6174d=	**770BLY+389d= 771 BLY +29 days**

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The Previous Table Study classified into 2 parts

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

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 4th Metonic Cycle which equals 76 Sidereal years (that similar to the Sidereal Year, 3 years equals 365 days and the 4th year is 366 days)…..

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

3- But at Metonic Cycle No. 40th which equals 760 Sidereal Years we find this number equals 771 Basic Lunar years **+ 29 days**, and that means the rest days **decreased**

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from 39 days to be 29 days during period (760 Sidereal Years -76 Sidereal years = 684 years) and this is the difference between the Metonic Cycle No. 4 and Metonic Cycle No. 40…and all that says… **EACH 684 SIDEREAL YEARS, THE REST DAYS DECREASE 10 DAYS**

4- Now we know that 39 days prevented the basic lunar year to end in the same day with the 4th Metonic Cycle, and we know this period 39 days decreases by 10 days each 684 sidereal years, and that means we need four Cycles which will decrease the 39 days to be (-1 day) which is the most near to the metonic Cycle.

5- Now we need 4 Cycles of the period 684 years where **These 4 Cycles Equals 2736 Sidereal Years**

6- And based on that the 2736 Phenomenon was a Metonic Cycle and this period was needed to Correspond the Basic Lunar year with the last day of Metonic Cycle (the Basic Lunar Year equals 360 days – the bible year which no one considers in modern life)

7- Now we saw 39 days which found in Metonic Cycle No. 4, have decreased as (10/10/10/9) at interval 684 Sidereal years for each 10 days, by that we found the 2737 Egyptian phenomenon for which we researched,

8- But still there are two questions, first about the number because we got the Cycle of 2736 Sidereal Years and not 2737 Sidereal Years, and the second question about the last day we need because 39 equals (10/10/10/9) and the decreasing **EACH 684 years equals 10 days** and that means the last cycle will have -1 day

We still have 2 question to answer respectively

The First Question

says we got relation to the Cycle 2736 Sidereal years and not to 2737 Sidereal years phenomenon?

And how 2736 Cycle related to 2737 Cycle?

the answer

As we know Metonic Cycle is 6939.75days

We know Saros Cycle is 6585.35 days

And the difference between both is 354.2 days

Which equals a modified lunar year approximately..

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While Metonic Cycle connected to Saros Cycle completely because the Metonic Cycle is The lunar Orbit Cycle and Saroc Cycle is The Eclipse Cycles that made by the Moon itself.. all that say to us, there's great connection between both Cycles..

Because there's a complete year difference between them (regardless the explanation of How that occur!)

And we see this Cycle 2736 Sidereal years needs **a complete sidereal year** to be our phenomenon 2737 …

So Both connected with Great Relation

While the first one depends on the Metonic Cycle that means the second also does.

The Second question about the minus day

39 days we found and the decreasing is 10 days each 684 Sidereal years means after 4 Cycles (2736 Sidereal years) the number 39 will decrease to be -1 day.. means the Metonic Cycle will finish after the last Basic lunar year day with one complete day..

So each 2736 Sidereal years we have -1 day

So this Cycle will continues to be 10 (-10) days and to consume in one Cycle 3736 Sideral Years

Where 27360 Sidereal years = 1440 Metonic Cycles (which we may call astronomy full day where the solar day equals 1440 Minutes).

A comment on

The Egyptian Astronomic Phenomenon 2737

I'm very surprised that there's no any study dealt "the 2737 Egyptian astronomic phenomenon"!

I see that not logical because the phenomenon tells us there were other people understood perfectly the universe astronomy and they gave us a great gift by building the great three pyramids as a references to such phenomenon, so why the modern astronomy doesn't try to compare our knowledge with theirs through encourage the studies and reports about this 2737 Egyptian astronomic phenomenon.. actually it's illogical to neglect such very great gift we didn't work for, but even got it without any payments or efforts, and its data are available to us to compare our knowledge with ancient knowledge and correct ourselves if it's necessary!!

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

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

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

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

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2. По информатике, удовлетворительно

Практика:

не проходил

Итоговые государственные экзамены:

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Выполнение выпускной квалификационной работы

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УЧРЕЖДЕНИЕ ВЫСШЕГО

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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   *Египет, 09.10.74.*

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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 (17..	

Ректор   Р. Г. Стронгин

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ФЕДЕРАЛЬНАЯ СЛУЖБА ПО НАДЗОРУ В СФЕРЕ ОБРАЗОВАНИЯ И НАУКИ

ФАКУЛЬТЕТ ИНОСТРАННЫХ
СТУДЕНТОВ
ННГУ Копия
верна

Рег. № 67...   "24" июня 2008 г.

г. Нижний Новгород

зам. декана

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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

Centre stamp

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Date	04/10/2016	Test Report Form Number	16EG005010GERG001A

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Teilnahmebescheinigung

Hiermit wird bestätigt, dass

Herr Gerges Francis Tawdrous,

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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

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The Tabernacle Geometrical Structure
http://vixra.org/pdf/1701.0344v1.pdf

<mark>**II- The Physics & Astronomy Studies**</mark>

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)
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Solar Group General Description

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