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The Moon Orbit Analysis
Solar Group Geometry (Part 19)
By Gerges Francis Twadrous

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Abstract

Earth Moon motion has specific 4 points which are:

1. Perigee Point (R1)   : Radius 363000 km from Earth (the nearest point)
2. Total Solar Eclipse (R2) : Radius 377000 km from Earth
3. Average Moon Orbit (R3) : Radius 384000 km (registered)
4. Apogee Point (R4)   : Radius 406000 km from Earth (the most far point)

These 4 points are defined by 4 geometrical rules which are:

- **(1st Rule)** Pythagoras rule : $R^2_n + (86000km)^2 = R^2_{n+1}$

  (why 86000 km? we'll discuss that in this paper)

- **(2nd Rule)** Moon Orbital Circumference at $R_n = (1/R_{n+1})$

- **(3rd Rule)** (Moon Orbital Circumference at R_{n+1}/ Moon Orbital Circumference at R_n) =1.0725

- **(4th Rule)** The Rate 365.25

This paper tries to prove this fact, and discusses more deep question… why the moon orbital different radiuses are defined by these 4 geometrical rules?

This paper supports my claim against Nobel Prize Board Decision in physics 2018
Kepler 3rd Law Explanation (a Claim Against Nobel Prize Board Decision in Physics 2018)
http://vixra.org/abs/1810.0053
Kepler 3rd Law Explanation (Part No.2)
http://vixra.org/abs/1810.0485

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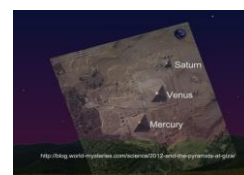Academia   https://rudn.academia.edu/GergesTawadrous

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S. Virgin Mary Assumption into Heaven.
Written in Cairo – Egypt
26th November 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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Contents

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1- Introduction

The current theory tells us, the moon move by Earth gravity, so the previous geometrical rules are found only by pure coincidences..!

I provide another vision for the solar group let's summarize it in following:

1- The Solar Group is created from one Energy

That means:

- The planet matter is created from energy as the equation $E=mc^2$ tells us
- The planet orbital distance is created from the same energy ("**Space = Energy**" My hypothesis)
- i.e. from the same energy the plant matter and his orbital distance both are created (that's why there's a relationship between the planet diameter and his orbital distance as I claim- and also kepler claimed this same meaning!)

2-The Solar Planets are created to be complementary to each other to form One General Geometrical Structure

That means:

- Each Planet is a part of the general geometrical structure….
- Let's suppose, "the solar group is built in a pyramid form (mere supposition)".. that means the solar group general geometrical structure is a pyramid

Based on that

- o Each Planet is a part of this same Pyramid
- o That's why each planet is a complementary to the other planets to enable them to create the general geometrical structure (the Pyramid)
- o Also that means, there's no absent planet!... i.e. if the pyramid needs 10 planets, all of them will be created to form this pyramid…. That's the main idea…. The Planet matter is found as the second process, where the original energy is found before any **Matter Existence**… and this original energy uses the general geometrical structure to create the solar planets to be parts in this same geometrical structure.

What does that mean?

- o Let's imagine a painter draw one picture…he uses the pencil to draw the primary lines of the picture and then he'll use color brushes to paint the drawn lines… that's the same, the matter is created by the original energy, where the original energy defines the matter motion trajectory before the **Matter Birth!**
- o I wish we see clearly the contradiction… because the gravity concept granted the matter (and mass) an imaginary force, where the planet motion is defined with the planet matter creation process… where the matter is found to follow the trajectory which is defined by the original energy before any matter birth…

3-Each Planet Data is created to be suitable for this planet job or role in the general geometrical structure (which is the supposed Pyramid)

- Each Planet Data is created to be suitable for this planet role (or job) in the general geometrical structure (The supposed Pyramid)
- That's why the solar planets data consist a general harmony.

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- The solar planets general harmony produces Planets Motions general harmony… based on which Kepler 3rd law is produced.

4- The Moon Orbital Geometrical Structure

- I suppose the solar group behaves as light beams… that means the matters and distances in fact are energy (or light beams) but we see them as matters and distances because of the observer position relative to them….
- So the whole solar group is a group of energy (a group of light beams)
- The whole solar group energy is reflected inside the moon orbit (conclusion)
- That means the moon orbit contains all solar group reflected energy (in contracted values!)
- The energy in the moon orbit can be similar to the sea water and the moon is a paper boat sails on this sea water
- That means the moon is an indicator for all the solar group energy changes …
- Because the solar planets are found and move by a geometrical structure and geometrical rules… the moon orbit also is found based on this same geometrical structure and uses these same geometrical rules

That means:

- The Moon motion shows all solar group energy changes and passing (as a mirror shows all the room furniture)
- The Moon motion changes show greater changes are found in the solar group

2- Methodology
I use the same method in all my researches, **The Planet Data Analysis…**
Let's explain the idea here again
In Pythagoras triangle we found that $a^2 + b^2 = c^2$, this rule we can conclude from the triangle data if its dimensions are 3, 4 and 5… so the data may show the geometrical rules….similar to that, I use the solar planets data analysis to conclude the main geometrical rules which explain the solar planets origin and motion…

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3-The Moon Orbit Geometrical Rules Discussion

3-1 (1st Rule) Pythagoras rule : $R^2_n + (86000km)^2 = R^2_{n+1}$

(why 86000 km? we'll discuss that in this paper)

3-2 (2nd Rule) Moon Orbital Circumference at $R_n = (1/R_{n+1})$

3-3 (3rd Rule) (Moon Orbital Circumference at R_{n+1}/ Moon Orbital Circumference at R_n) =1.0725

3-4 (4th Rule) The Rate 365.25

3-1 (1st Rule) Pythagoras rule : $R^2_n + (86000km)^2 = R^2_{n+1}$

3-1 (1st Rule) Pythagoras Rule

$R^2_n + (86000km)^2 = R^2_{n+1}$

I-Data

1) (**363000 km** = moon orbital radius "At Perigee Point")

2) $(86000 \text{ km})^2 + (363000 \text{ km})^2$ (perigee radius) = $(373000 \text{ km})^2$
    (**377000 km** = total solar eclipse radius error 1%)

3) $(86000 \text{ km})^2 + (373000 \text{ km})^2 = (\mathbf{384000} \text{ km})^2$
    (384000 km = moon orbital average radius "registered in Nasa Fact sheet")

4) $2x (86000 \text{ km})^2 + (384000)^2 = (403000 \text{ km})^2$
    (**406000 km** = moon orbital radius "at apogee point")

II- Discussion

The moon motion main points are defined clearly based on Pythagoras rule (Perigee – Total Solar Eclipse - Average Orbital Radius – Apogee) radiuses….Why?

I tried frequently to explain that, the planet motion depends on geometrical structure It's not the gravity which pushes the planet to move….but the geometrical structure which created the planet matter and orbital distance, defined also the planet motion..

That's why the moon motion main points are defined by geometrical rules…. These geometrical rules are found with the original energy from which the matter and space are created… so when the moon and his orbital distance are created both created based on these geometrical rules which discuss here…

Why we use the value 86000km?

The moon free space (distance from perigee to apogee) = 43000km and this value is the double value 43000x 2= 86000km…but why we use it? this question we should answer in point No. 4 (Jupiter Circumference)

Conclusion:

The previous equations tell that the main 4 points on the moon orbit are defined basically by Pythagoras rule…

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3-2 (2nd Rule) Moon Orbital Circumference at $R_n = (1/R_{n+1})$

I-Data

$$\text{Moon Orbital Circumfere nce at } R_n (\text{In million km}) = \frac{1}{\text{Moon Orbital Radius } R_n (\text{In million km})}$$

- R_1 = 363000 km (Perigee Radius) = 0.363 mkm   Circumference= 2.281 mkm
- R_2 = 377000 km (Total Solar Radius) = 0.377 mkm   Circumference= 2.41 mkm
- R_3 = 384000 km (Moon Orbital Radius) = 0.384 mkm   Circumference= 2.58 mkm
- R_4 = 406000 km (Apogee Radius) = 0.406 mkm   Circumference= 2.754 mkm

From the previous data we can conclude that, the rule is true
(1/0.**363 mkm**)   =2.754 mkm
(1/0.377 mkm)   =2.63 mkm
(1/0.**384 mkm**)   =2.58 mkm
(1/0.**406 mkm**)   =2.41 mkm

II- Discussion

The previous data tells us that, the rule is performed correctly…
Specially the values 0.384 mkm and 0.406 mkm which show the rule perfectly….

(1/0.**384 mkm**)   =2.58 mkm = 0.406 mkm x 2π
(1/0.**406 mkm**)   =2.41 mkm = 0.384 mkm x 2π

The other values are working also in the moon orbit but we need to extend our discussion to see that in better vision….we should do that in next points…

But here we have only one question ….which is:
Why moon orbital circumference multiplies with moon orbital radius = 1mkm²?
Because
1million km²is the defined energy from which the moon orbital different radiuses are created.. it's similar to Neptune orbital distance… let's remember it here…
Neptune Orbital Distance = 4495.1 mkm =
= 50.3mkm (Mercury Venues distance) x 91.9 mkm (Mercury Earth distance)
=108.2 mkm (Venus orbital distance) x 41.4mkm (Venus Earth distance)
= 57.9 mkm (Mercury orbital distance) x 78.3 mkm (Earth Mars Distance)

We have noticed that before and asked why any 2 inner distances multiplies produce the same value (Neptune orbital distance 4495.1mkm)?
The answer was because
  i.   The distance is Energy
  ii. Neptune orbital distance is the energy source from which the inner planets created their orbital and internal distances…

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For more details please review
Solar Group Geometrical Structure
http://vixra.org/abs/1805.0081

The question is the same….
Why multiplication of the moon orbital circumference with the moon orbital radius = 1million km^2?
Because this 1 million km^2 is the source of Energy from which
the moon orbital different radiuses are created..
In which direction this 1 mkm^2 is found?
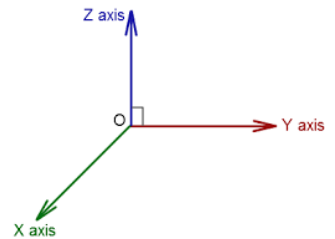
xyz coordinates may help us to answer this question…the moon
orbital radius is perpendicular on the moon orbital circumference tangent.. so let's
suppose the radius is x and circumference tangent is y so… x y = 1 mkm ….why?
Because it's this "Z axis"
That means 1 million km^2 is perpendicular on the xy plain….what does that mean?
The moon orbit source of Energy is perpendicular on the moon orbit plain? Why?
Because this is the sent energy from Uranus to the moon by which the moon built his
orbit and does his motion… Uranus is perpendicular on the moon orbit that's why the
source of Energy is perpendicular on the moon orbit…

Let's remember this idea here..
Light (with c velocity) travels from Uranus to Jupiter in 6939.75 seconds, this motion
produces the moon required Energy to rotates Metonic Cycle, so the energy is sent
from Uranus to Jupiter to the moon orbit (Perpendicular on the orbit plain) to acause
the moon motion based on the light motion but with different rate of time… so 1
seond in light motion will be 1 day in the moon motion which produces Metonic
Cycle 6939.75 days…
So Metonic Cycle is done because the moon orbit is built to perofm it, that'w why the
moon orbit regresses 19 degrees yearly.
The Conclusion:
The Moon Orbital Diameter =1 mkm works In 3 Directions As xyz Coordinates..

Note please: from long time I have suggested that, the moon orbital diameter =1 mkm
and not = 0.812 mkm …. This conclusion I have reach from the following equation:
108.2mkm (Venus orbital distance) x 0.384mkm (Moon orbital distance) = 41.4mkm^2
41.4mkm = Venus Earth distance, but **41.4 mkm^2** is an Area? How to solve that?
If the moon orbital diameter = 1 million km, in this case I can claim that Venus Earth
distance is 41.4 mkm in length and 1 million km breadth which makes it an area
Please review   **The Moon Geometry**
                     http://vixra.org/abs/1811.0389
 For Uranus effect on the moon orbit please review
Uranus Position In The Sky http://vixra.org/abs/1806.0212

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3-3 (3rd Rule) (Moon Orbital Circumference at R_{n+1}/ Moon Orbital Circumference at R_n) =1.0725

I- Data

$$\frac{\text{Apogee Orbital Circumfere nce } (r = 0.406\,\text{mkm}) = 2.58\,\text{mkm}}{\text{Moon Orbital Circumfere nce } (r = 0.384\,\text{mkm}) = 2.41\,\text{mkm}} = 1.0725$$

$$\frac{\text{Moon Orbital Circumfere nce } (r = 0.384\,\text{mkm}) = 2.41\,\text{mkm}}{\text{Perigee Orbital Circumfere nce } (r = 0.363\,\text{mkm}) = 2.281\,\text{mkm}} = 1.0725$$

$$\frac{2.754\,\text{mkm } (r = 0.439\,\text{mkm}) =}{\text{Apogee Orbital Circumfere nce } (r = 0.406\,\text{mkm}) = 2.58\,\text{mkm}} = 1.0725$$

The previous data tries to show that the value 2.754 mkm (=1/0.363mkm), this value 2.756mkm has the same rate (1.0725) as the moon orbital other circumferences …
That means the value 2.756 mkm is a geometrical in the moon orbital strcture, even if the moon doesn't reach to its point…. r=4.39 million km
How this value is a geometrical player if the moon doesn't reach to its point ?
We'll answer this question with the other one "why we used 86000km in pythogras rule (rule no.1)… in point no.5
But here we need to see the rate 1.0725 in more clear light… let's start immediately…

 (a)

$$\frac{25.2\,\text{Mars axail tilt}}{23.4\,\text{Earth axail tilt}} = \frac{26.7\,\text{Satrun axail tilt}}{25.2\,\text{Mars axail tilt}} = \frac{28.3\,\text{Neptune axail tilt}}{26.7\,\text{Satrun axail tilt}} = 1.0725$$

(b)

$$\frac{115.2\,\text{Mars axail tilt}}{113.4\,\text{Earth axail tilt}} = \frac{116.7\,\text{Satrun axail tilt}}{115.2\,\text{Mars axail tilt}} = \frac{116.7\,\text{Satrun axail tilt}}{118.3\,\text{Neptune axail tilt}} = \frac{120}{122.5\,\text{PLuto axail Tilt}}$$

Equation a tells that, 4 planets axial tilts are rated to each other by this same rate 1.0725
But equation b tells us that, the relationships between the planets axial tilts are real and deep where it works horizontally as much as vertically ….
So the rate 1.0725 is found deeply in the solar group geometrical structure… why?

Let's see more data

1st- $\dfrac{\text{Earth Daily Motion } 2.58\,\text{mkm}}{\text{Moon Orbital Circumfere nce } 2.41\,\text{mkm}} = 1.0725$ (No Error)

2nd- $\dfrac{\text{Apogee orbital radius } (406000\,\text{km})}{\text{Total Solar Eclipse radius } (378500\,\text{km})} = 1.0725$ (No Error)

3rd- $\dfrac{778.6\text{mkm Juppiter Orbital Distance}}{720.3\,\text{mkm Jupiter Mercury distance}} = 1.0725$ (0.7%)

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4th- $\dfrac{720.3 \text{ mkm Jupiter Mercury distance}}{670 \text{ mkm Jupiter Venus Distance}} = 1.0725$ (No Error)

5th- $\dfrac{670 \text{ mkm Jupiter Venus Distance}}{629 \text{ mkm Jupiter Earth Distance}} = 1.0725$ (0.6%)

6th- $\dfrac{629 \text{ mkm Jupiter Earth Distance}}{586.5 \text{ million km}} = 1.0725$ / $\dfrac{586.5 \text{ million km}}{550.7 \text{ mkm (Mars Jupiter Distance)}} = 1.0725$

7th- $\dfrac{\text{Jupiter Orbital Circumfere nce (4894 mkm)}}{\text{Neptune Orbital Distance (4495.1 mkm)}} = 1.0725$ (Error1.5 %)

8th- $\dfrac{\text{Saturn Orbital Distance (1433.5 mkm)}}{\text{Sarurn Venus Distance (1325.3 mkm)}} = 1.0725$ (Error 0.8%)

II- Discussion

The previous Data is just examples for many others…
More data is found in "Solar Group Geometrical Structure" http://vixra.org/abs/1805.0081

The rate 1.0725 is found deeply in the solar group geometrical structure basics…
Why? ….Because this rate 1.0725 is found by relativistic effects…

The Main Idea:

- There's a physical point in the solar group moves with c velocity relative to another physical point in the solar group, we can't observe this high velocity but we can observe its relativistic effects
- The solar group is one system or one machine or one body that's why these relativistic effects can be seen in any points in the solar group..
- The solar planets distances can be contracted by lorentz length contraction phenomenon because the distance is energy (similar to light beam) and this energy transports from point to another through the solar group, so in some place the energy (distance) will be contracted by lorentz contraction effect and in some other points will not be contracted ...
- Where the high velocity which causes the length contraction phenomenon is one motion, so the rate is the same… that's why the rate is 1.0725…
- The high velocity in the solar group is fact 2 velocities.. the first one is 0.99c and its contraction rate is 7.1 and the second velocity is 0.9999c and its contraction rate is 71 but… the rate 1.0725 is found by support from a complex geometrical structure…. This value 1.0725 is caused by the same velocity 0.99c but with support of a geometrical structure to follow this equation $(7.1/100)+(100/100) = 1.071$ which is very near to 1.0725… I still search for the geometrical reason which created the previous equation…

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3-4 (4th Rule) The Rate 365.25

I- Data

$$\frac{149.6\,\text{mkm Earth Orbital Distance}}{0.406\,\text{mkm Moon orbital radius at appogee}} = \frac{5\,\text{mkm (Earth free Space) x }\pi}{43000\,\text{km the moon free Space}} = 365.25$$

$$\frac{940\,\text{mkm Earth Orbital Circumfere nce}}{2.58\,\text{mkm Earth Daily Motion}} = 365.25$$

- Earth Free Space 5 mkm = Earth Perihlion – Aphelion = 152.1 mkm – 147.1 mkm = 5mkm
- The moon free Space 43000 km = Apogee point radius 406000 km – Perigee point radius 363000 km

II- Discussion

The Previous Data tells us that, the rate 365.25 is found deeply in the relationship between Earth and moon geometrical Structure..

That means, the solar day (86400seconds) and Earth orbital period (365.25 days) are created based on complex geometrical interactions between the Earth and Moon, which tells us that, the moon orbital radiuses are geometrical planets in the solar day production process…

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4-Planet Velocity

4-1 Planets Velocities = 2π mkm^2

4-2 Earth Pluto Relationship

4-3 the Moon Real Velocity

4-1 Planets Velocities = 2π mkm^2

I-Data

1- 4.095 mkm daily (Mercury velocity) x1.535 mkm daily (Ceres velocity) = 2π mkm^2

2- 3.02 mkm daily (Venus velocity) x 2.08 mkm daily (Mars velocity) = 2π mkm^2

3- 2.58 mkm daily (Earth velocity) x 2.41 mkm daily (Moon supposed velocity) = 2π mkm^2

II- Discussion

The previous equation suppose that the Moon daily motion = 2.41 mkm, but the moon daily motion should be 2.58 mkm equal to the Earth motion otherwise they will; be separated from each other… this we should discuss later …

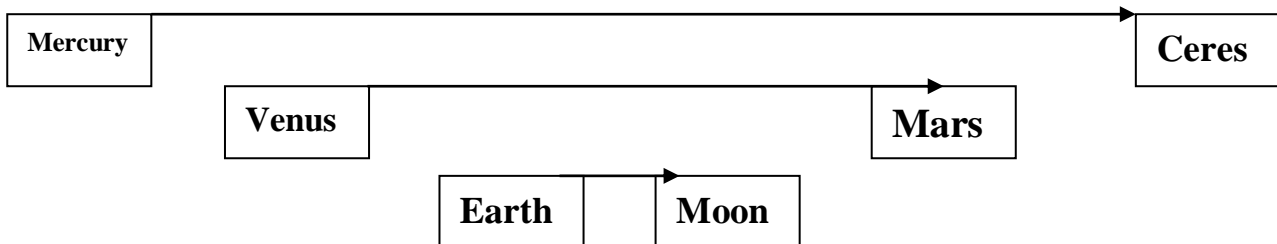We'll accept the supposition just now to see the idea as clear as possible…

The previous data tells us 2 puzzles

1st, the multiplication of 2 planets velocities together will produce 2π mkm^2 why?

2nd, the planets at parallel to each other!
- Mercury with Ceres
- Venus with Mars
- Earth with the moon

Is it clear? There's no cross-sectional points here… let's draw it

The previous figure shows the idea clearly…

There's no contradiction between the lines…. Each line of this produces the same value which is = 2π mkm^2

Of course I don't know why?

But I have more interesting data which will make the picture more wonderful..

Let's see them in following point..

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4-2 Earth Pluto Relationship

I- Data

We have found this value 2π mkm^2 frequently in the previous equations…

3 different equations produce 3 time of (2π mkm^2)

So let's use 3 times!

$$(2\pi)^3 = 8\ \pi^3$$

Why this value is interesting?

- Pluto orbital distance 5870 million km = Earth orbital distance 149.6 mkm x 8 π^3
- Pluto orbital Period 90588 days = Earth orbital Period 365.25 days   x 8 π^3

Can that be pure coincidences?

II- Discussion

The solar group is one geometrical structure or one body

The value 8 π^3 defines the main relationships in the solar group (between Earth and Pluto)

and this value is divided into 3 parts to be used by different solar planets

i.e.

the one main task is divided into 3 smaller tasks

and each small task is performed by cooperation between 2 solar planets

but that means

The moon real velocity daily = 2.41 million km and no 2.58 mkm

why?

Because of the relativistic effects …

Let's write that in some details in following

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4-3 The Real Moon Velocity (Moon Cycle 27.3 days)

The current theory tells us the moon average orbit circumference =2.41 million km and moon revolves this orbit in 27.3 days moving daily 88000km
Of course the moon have to move 2.58 million km daily = Earth motion daily otherwise they will be separated from each other
The moon apogee orbital circumference =2.58 million km = Earth daily motion

this data and description is provided by the current theory..
easily we see no connection between them
please read them again to see how the picture is distorted
this situation is relativistic one that's why its data is inconsistent

What's the real event?
- The moon move with the Earth daily in the same direction and by the same distance 2.58mkm
- The moon moves in another frame relative to us that's why we see his distance under Lorentz contraction 2.41 mkm and in opposite direction
- The moon orbit is owned by the Earth and moves with her by same velocity, so the moon orbit moves 2.58 mkm daily
- For that reason the moon himself moves daily in opposite direction to his orbit motion
- The moon orbit motion daily =2.58 million km and the moon motion daily = 2.41 mkm, the difference = 0.17 mkm which causes the moon daily displacement which we see in the sky. (8800 km = 1/2 x 0.17mkm)

Discussion
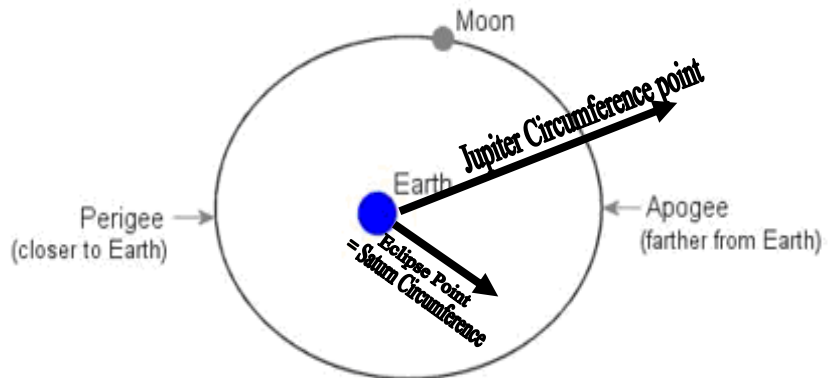The previous Example gives us a great support
I try to explain that, the situations which we consider are controlled by Newton Mechanics
actually these same situations are controlled by relativistic motions and Mechanics,
How can we reach this conclusion?
By solar planets data analysis

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5-Jupiter Circumference (why we use 86000km?)

5-1 Preface

From our discussion we have seen that, the 4 main points in the moon orbit are defined by Pythagoras rule (sub-point No. 3-1)

- Perigee point radius   =363000 km
- Total solar eclipse radius   = 377000 km
- Moon orbital average radius = 384000 km
- Apogee Point Radius   = 406000 km

But all equations used the value 86000 km which = 43000 km x 2
Where 43000 km is the Moon free space (from Perigee0.363mkm to Apogee 0.406mkm)
Why all Equation used the value 86000km?

5-2 The Value 86000 km

Total solar eclipse radius   = 377000 km
In fact **Saturn circumference**   =377000km
Why both values are equal? I don know…. But I know one important thing

2 Jupiter diameters +1 Saturn diameter =Earth Moon distance at apogee radius (0.406mkm)
Also
2 Jupiter circumferences – 2 Saturn circumference = 1 Jupiter diameter   (error 1.3%)

The previous 2 equations tell us that there's a specific relationship between Saturn and Jupiter…
Saturn Circumference = Total Solar Eclipse Radius= 377000 km
What about Jupiter Circumference?! **449378 km**
In previous figure, the short arrow refer to total solar eclipse radius =377000km = Saturn circumference
And the longer arrow refers to the Jupiter circumference =449378km…

- From perigee (0.363mkm) to apogee (0.406mkm) the distance = 43000km
- From apogee (0.406 km) to Jupiter circumference (0.449mkm) = 43000km
- The value 86000 km is the distance from perigee (0.363mkm) to Jupiter circumference (0.449mkm)
- Spite the moon doesn't reach to Jupiter Circumference point, but it works in the moon orbit geometrical structure..

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5-3 Second Rule Again

Let's remember the 2nd rule here again

(2nd Rule) Moon Orbital Circumference at $R_n = (1/R_{n+1})$

$(1/0.363$ mkm$) = 2.7548$ mkm $= 2\pi r$ where r = **0.4382mkm**

This value 0.4382 mkm is near to Jupiter circumference 0.449mkm with error 2.5%

What does that mean?

The value 2.7548 million km is working number in the moon orbit geometrical structure.. for that reason this value is seen in different forms…

   1- In the moon orbital circumference form as 2.754 mkm

   2- In the moon orbital radius form 0.449 mkm (Jupiter Circumference)

So the moon orbital geometrical structure is found by interaction of the original energy from which the whole solar group is created…. This meaning help to understand the following data

Table No.1		
"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 diameter total	**= Π**	-
❖ Moon motion free space (from perigee to apogee) (the free space without the moon diameter)	**= Π**	1.3%
❖ Moon Perigee orbit radius	**= 9 Π**	-
❖ Solar outer planets diameters total	**= 9 Π**	-
❖ Moon orbit apogee radius	**=10 Π**	1.2
❖ All solar planets diameters total	**=10 Π**	1
❖ **2** Jupiter diameter + Saturn diameter	**=10 Π**	-
❖ Saturn Circumference = Moon orbit radius at total solar eclipse	**=9.5Π**	-
❖ Jupiter Circumference	**=11 Π**	1.9
❖ The Sun diameter	**=11 Π²**	1.2

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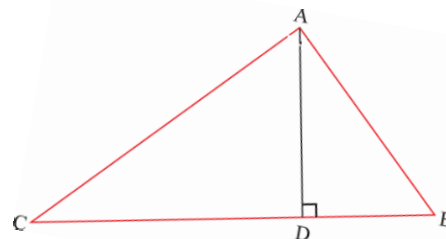Through the Mother of God mediation
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5-4 Theoretical Discussion

❖ $(377000 \text{ km})^2 = (363000)^2 + (86000 \text{km})^2$

Where Total solar eclipse radius = 377000 km = Saturn Circumference

Let's see the following triangle

❖ A :is total solar eclipse point
❖ C: is The Earth
❖ D: is the perigee point at distance 363000 km from Earth
❖ B: is the Jupiter Circumference point at 449378.2 km

If we study this triangle carefully we will find that following

❖ AD = DB = 86000 km
❖ AB = Saturn diameter
❖ AC = Saturn Circumference (C is total eclipse point)

I wish it's clear that, the relationships are defined geometrically and there's no any "pure coincidences" …

Any way, we can see that the equations give hard meanings for our geometrical basics, for that we need to extend our thinking and geometrical description

So let's discuss the equation No, 4 in the following point

Saturn Circumference = the distance between Earth and Moon

The General Discussion

Let's discuss the following equation

❖ **Saturn Circumference = the distance between Earth and Moon (total solar eclipse point)**

❖ **How that can be possible!, How the planet Circumference can be a distance?!**
Some objections:

1) Saturn circumference is a curved line (circle) but the distance between Earth and Moon is a straight line!
2) Saturn is a planet has a mass, So How can be a distance?
3) If Saturn is a light beam why he doesn't travels in light velocity, where we see him as the light rays?

There are many other objections, against the obscure idea that, Saturn Circumference is the same the distance between Earth and Moon at solar eclipse point!

But let's try to think in the previous questions

- **The First Question** requires definition of the straight and curved trajectories! And this idea Einstein learnt us…. he told us the straight and curved trajectories depend on the observer position… because when Einstein left a

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rock to fall while the train moves he saw the rock fall in straight trajectory but the people on train platform saw the rock moves in parabolic trajectory, so based on the observer circumstances the rock defined his trajectory..

What that means?

- I may saw 2 curved trajectories, but the first one is in motion relative to me and the second isn't … by such way the 2 trajectories aren't equal each other spite the outer figures is the same relative to me.

That's what I'm trying to say….

- The solar group planets aren't all in the same frame relative to each other? Some components in the solar group move with c velocity relative to the others and the outer vision deceives us….(this is the main conclusion of this paper)

The Second Question

- How Saturn as a planet has a mass, can be a distance?

The whole universe made of light (The research hypothesis)
So, why we see the matter? From where the matter is created?

The mass is created because we move with c velocity and the light moves with c velocity and no difference in velocities between us
So, all the universe is matter relative to us
Because we have no difference in velocities between our velocity and the light velocity…
For that the whole universe should be matter relative to us
But….When a stationary place is found relative to us…
This stationary place will be considered source of light because of the difference of velocities between us
For theory of Matter Creation please review
Solar Group Geometrical Structure
http://vixra.org/abs/1805.0081

The Third Question

Of course it's easy to solve the third question
Why Saturn isn't a sun
Because Saturn moves with us but the sun is stationary relative to us

Note Please
Jupiter Circumference x π= the sun diameter (error 2.2%)

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6- The Moon orbit Puzzled Data

Some Examples

(1)

i. Earth Moon Distance at Perigee point =363000 km = Solar Outer Planets Diameters Total (error 1%)

ii. Earth Moon Distance at Apogee point =406000 km = Solar Planets Diameters Total

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

iv. Earth daily motion = The moon orbit circumference at apogee radius (r=406000 km)

v. Saturn Circumference = Earth Moon Distance at total solar eclipse radius (r=377000km)

vi. **Note Please**/ Solar Planets Diameters Total= 2 Jupiter diameters + 1 Saturn diameter (i.e. Jupiter diameter = 8 solar planets diameters total)

vii. **2 Neptune Circumference** = outer planets diameters total (without Neptune) (1.8%)

(2)

- Mercury Saturn Distance = Neptune Pluto Distance = 1375 mkm

- Saturn Pluto Distance =Mercury Neptune Distance = 4437 mkm

- Mars orbital circumference 1433.5 mkm = Saturn orbital distance = Uranus Saturn distance = Neptune orbital distance $/\pi$ =

- Jupiter Pluto distance 5092 mkm = Uranus Neptune distance x π

- **Saturn orbital distance 1433.5mkm= Saturn diameter x Venus diameter = (Venus Circumference)^2=**

(3)

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

And

- Saturn Diameter = Venus Diameter x π^2 (error 0.8%)

(4)

- Jupiter orbital Period 4331 days = Mars Orbital Period 687 days x 2π (error 0.3%)

- Mars Orbital Period 687 days = Earth Orbital Period 365.25 days x 1.9 (Mars orbital inclination = 1.9 degrees)

- Mars Orbital Period 687 days = Moon Orbital Period 27.3 days x 25.2 (Mars axial tilt= 25.2 degrees)

- Saturn orbital period10747 d.=Earth orbital period 365.25 d. x Synodic month 29.5 d.

(5)

- 17.4 degree (inner planet orbital inclinations total) x 0.99 = 17.2 degree (Pluto orbital inclination)

- 23.6 degree (outer planet orbital inclinations total) x 0.99 = 23.4 degree (Earth axial tilt

(6)

- Mercury moves a distance = 720 mkm during his day period (4222.6 hours) (Mercury Jupiter Distance = 720 mkm)!

- Venus orbital circumference = 680 mkm but Venus Jupiter distance = 670 mkm (error 1.5%)

- Earth orbital circumference = 940 mkm but Earth Jupiter distance (when both of them be at 2 different sides from the sun = 778.6 mkm +149.6 mkm = 928.2 mkm (error 1.25%)… why 3 planets define their orbital distances relating to their positions from Jupiter?!

Simply…. Are these relationships found based on **Geometrical Reasons** or by pure coincidences?

… I suggest that… these relationships are found based on **Geometrical Reasons**

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7-Metonic Cycle
7-1 The Data

Group No.1 (Metonic Cycle Energy Source)
Equation no.1

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

Equation no.2

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

Equation no.3

$$2 \times 6939.75 \text{ seconds} = \Pi^2 \times 1405.2 \text{ seconds (1407.6 hours = Mercury rotation period)}$$

Group No.2 (At Uranus)
Equation No.4

$$6939.75 = 97.8 \times 71 = 5040 \times \underline{1.392}$$

Equation No.5

$$6939.75 = 97.8 \times 71 = (71)^2 \times 1.392$$
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
$$86400 \times 2 = 6939.75 \times 25.2 \text{ (error 1\%)}$$

Group No.3 (At Mercury)
Equation No.6

$$97.8 \times 1.8 = 175.94$$

Equation No.7

a- 6939.75 days = 58.66 days x 118.3 degrees
b- 6939.75 days = 243 days x 28.6363
c- 243 days (Venus rotation period) = 58.66 days (Mercury rotation period)x $(\Pi+1)$

Equation no.8

a- 2 x 6939.75 seconds = Π^2 x 1405.2 seconds (1407.6 hours = Mercury rotation period)
b- 1407.6 hours x 3 = 4222.6 hours (Mercury Day)
c- 122.5 Pluto axial tilt /41 inner planets orbital inclinations total = 3
d- 6939.75 days = 175.94 x 39.44
    I- 39.44 = 7^2 x 0.8
    II- 39.44 = 22 x 1.8

Equation no.9

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

Equation no.10

$$86400 = 5040 \times 17.14$$

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Group No.4 (At Venus)

Equation no.11

177.4 mkm = 58.66 days (Mercury rotation period)x 3.02 mkm/ day (Venus daily motion)

177.4 degrees = Venus axial tilt

Group No.5 (At The Moon)

Equation No.12

$$3.02 \times 2\Pi = 19$$

Equation No.13

612 million km x 4 = 2448 million km = Π 778.6 million km (778.6 million km = Jupiter orbital distance)

Equation No.14

6939.75 x 4 = 27759 mkm = 2Π 4416 million km (Mercury Neptune distance)

Group No.6 (More Data)

Equation No.15

- 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.16

- Mercury Jupiter 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 /2Π)

28.6268 = (179.9/2Π)   But

179.9 = 177.4 Venus axial tilt + 2.5 Saturn orbital inclination

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

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7-2 The Discussion

Group No.1 (Metonic Cycle Energy Source)

In this group we discuss how the Metonic Cycle Energy is found, let's start

Equation no.1

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

Equ.mo.1 tells us that, the light travels from Jupiter to Uranus in a period 6939.75 seconds, and in this period the energy is stored, where the stored energy will be sent toward the inner planets..

So, the Energy source is a light beam passes from Jupiter to Uranus

Equation no.2

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

86400 mkm x 2   = all Energy reflected from Neptune toward the inner Planets

25.2 degrees   = Mars axial tilt

The reflected Energy we have discussed in my previous paper

Solar Group Geometrical Structure

http://vixra.org/abs/1805.0081

also Mars axial tilt is the constant in kepler 3rd law (this information we studied frequently)

what does equation no.2 tells us?

The inner Planets whole Energy is reflected toward the inner planets in 2 values which are 6939.75 mkm (where 1 day = 1 mkm, so this value is Metonic cycle in distance)

And 25.2 degree mars axial tilt which is the main value in the solar group…

That means these 2 values are essentials in the solar group Geometry, The Equation proves that Metonic Data is sent in the inner planet main energy

Equation no.3

2 x 6939.75 seconds = Π^2 x 1405.2 seconds (1407.6 hours = Mercury rotation period)

This equation tells us how the 6939.75 seconds will be days,

This process I explained in full details in my previous paper

Mercury Day = 3 Mercury rotation periods =2 Mercury orbital periods, Why?

https://www.academia.edu/s/f1919a0ac8/mercury-day-3-mercury-rotation-periods-2-mercury-orbital-periods-why-no-planet-motion-is-found-independent-from-other-planets-motions

or

https://www.slideshare.net/Gergesfrancis/mercury-day-3-mercury-rotation-periods-2-mercury-orbital-periods-why-1

Group No.2 (At Uranus)

Equation No.4

6939.75= 97.8 x 71 = 5040 x 1.392

Equ. No.4 tells us the period 6939.75 seconds or 6939.75 mkm will have contraction for lorentz effect with rate 71 which will produce 97.8 mkm. Now Uranus axial tilt =97.8 degrees…

Still the equation surprises us because the value 5041 = 71^2 which means double contraction rate. I don't know the mechanism but the value 5040 seconds are required for Mercury day to be =176 days …. Now we see clearly the data connects Metonic Cycle with Uranus and Mercury and that support my claim

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Equation No.5

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

d- $(97.8)^2$ x c velocity   = 2872.5 mkm

e- 97.8 second x 1.16 mkm/sec   =113.45 mkm

f- 97.8 degrees = 122.5 degrees x 0.8 degrees

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

This Equation I have discussed in full details in my previous paper

The Moon Orbit Geometrical Structure (revised)

http://vixra.org/abs/1807.0449

we can see easily that, Uranus is connected strongly with Metonic Cycle and mercury data

Group No.3 (At Mercury)

Equation No.6

  97.8 degree (Uranus axial tilt) x 1.8 (Neptune orbital inclination) = 175.94 (if 1 degree= 1 day this value will be Mercury Day)

The previous Equation shows more connection between Uranus and Mercury through Neptune orbital inclination (remember Neptune is the inner planet Energy Source)

Equation No.7

a- 6939.75 days = 58.66 days x 118.3 degrees

b- 6939.75 days = 243 days x 28.6363

c- 243 days (Venus rotation period) = 58.66 days (Mercury rotation period) x (Π+1)

(Note/ Π+1 mkm is Mercury motion daily if his orbital circumference =364 mkm)

Equation No.7 with its branches tells us very important information that,

Metonic Energy is transported to Mercury and Venus together that because they work together as one team…

Equation no. c tells why? Because Mercury moves during his rotation period a distance =243 mkm, now if 1 mkm =1 day this value 243 days will be Venus rotation period

i.e. Venus rotation period is produced by Mercury motion during his rotation period, all that tells us that, the solar planets are just connection points between the energy trajectories, that's why one point (mercury) can effect on another point (Venus)… that supports my claim that the solar group is one body and all members are created from the same blood..

Equation no.8

a- 2 x 6939.75 seconds = Π² x 1405.2 seconds (1407.6 hours = Mercury rotation period)

b- 1407.6 hours x 3   = 4222.6 hours (Mercury Day)

c- 122.5 Pluto axial tilt /41 inner planets orbital inclinations total   = 3

d- 6939.75 days = 175.94 x 39.44

       I- 39.44 = 7² x 0.8

       II- 39.44 = 22 x 1.8

The previous set of Equation I discussed in details in my previous paper

  Mercury Day = 3 Mercury rotation periods =2 Mercury orbital periods, Why?

https://www.academia.edu/s/f1919a0ac8/mercury-day-3-mercury-rotation-periods-2-mercury-orbital-periods-why-no-planet-motion-is-found-independent-from-other-planets-motions

or

https://www.slideshare.net/Gergesfrancis/mercury-day-3-mercury-rotation-periods-2-mercury-orbital-periods-why-1

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Equation no.9

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

The equation tells us that, Metonic Cycle Energy is transported from Mercury by 2 factors, Mercury day and Mercury Venus distance.

So the distance behaves here as time or a rate between 2 values of time

That's why we can't discover easily Mercury role in Metonic Cycle, because the distance behaves as a rate between 2 periods and we can't discover that

For equivalence the time and distance values please review my paper

The Time definition

http://vixra.org/abs/1805.0523

Equation no.10

$$86400 \text{ seconds} = 5040 \times 17.14$$

The solar day depends on 2 factors which are

5040 second (are required to make Mercury day =176 days)

17.2 degrees Pluto orbital inclination

(I claimed Pluto was the Mercury moon and had to immigrate from his place)

I hope we see Mercury importance in the solar group where the solar day depends on Mercury

Group No.4 (At Venus)

Equation no.11

177.4 mkm = 58.66 days (Mercury rotation period)x 3.02 mkm/ day (Venus daily motion)

177.4 degrees = Venus axial tilt

Let's remember one equation

c- 243 days (Venus rotation period) = 58.66 days (Mercury rotation period)x (Π+1)

(note Π+1 mkm is Mercury motion daily if his orbital circumference =364 mkm)

The 2 previous equations tell us that, Venus data depends on Mercury in many sides, that makes Metonic Cycle Energy is the main connection between them

Group No.5 (At The Moon)

Equation No.12

$$3.02 \text{ mkm (Venus motion daily)} \times 2\Pi = 19 \text{ mkm}$$

(1 mkm =1 degree that means 19 degrees)

We know that the Moon orbit regresses 19 degrees yearly…so the previous equation makes sense..

In fact the moon belongs to Venus in many of his data for example

180- 177.4 degrees (Venus axial tilt)= 2.6 degrees, but for the whole cycle 360 degrees the value 2.6 degrees will be 5.2 degrees (the moon orbital inclination =5.1 degrees)… that tells us from where the moon receive his orbital inclination…

Also

119.7 mkm (Venus Mars distance) x 3.02 mkm (Venus daily motion) =361 mkm

(suppose 119.7 mkm= 119.7 days)… Metonic Cycle is 19 years x 19 degrees yearly = 361 degrees and we know that 1 degree = 1 mkm

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In fact Venus is the Moon Parent and she sent him for specific job for the Earth. Actually the Moon finds great help from Uranus to do this Job…

Equation No.13

612 million km x 4 = 2448 million km = Π 778.6 million km (778.6 million km = Jupiter orbital distance)

612 mkm is the distance passed by the moon during Metonic cycle = 254 months x 2.41 mkm monthly

The previous equation tells us this value 612 mkm is related to Jupiter and in fact Earth Jupiter distance =629 mkm very near to this same value…

Equation No.14

6939.75 x 4 = 27759 mkm = 2Π 4416 million km (Mercury Neptune distance)

2-4 General Conclusion

The previous data support my claim

We have found different data tell the same meaning from different planets

I wish the reader judge fairly for my claim, because I provide huge amount of data all of them give support from different side

I don't know how to consider all of them as pure coincidences!

The vision which I provide, I guess, more trustee because the energy transportation is logical idea and can be real and trustee

In fact, the previous data is some of other many, so we can't just ignore the solar planet data and consider all of them as pure coincidences while the connection is clear before our eyes..

So my conclusion is

The Energy is transported from point to another point in the solar group, where this energy creates the planet matter and his orbital distance to guarantee the planets motions harmony and the energy passing

Metonic Cycle Energy is one example of the Energy transportation through the solar group and proves my point of view

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8-The Solar Group Alternative Description

8-1 The Main Idea

1- The Solar Group is created from one Energy

That means:

- The planet matter is created from energy as the equation $E=mc^2$ tells us
- The planet orbital distance is created from the same energy ("**Space = Energy**" My hypothesis)
- i.e. from the same energy the plant matter and his orbital distance both are created (that's why there's a relationship between the planet diameter and his orbital distance as I claim- and also kepler claimed this same meaning!)

2-The Solar Planets are created to be complementary to each other to form One General Geometrical Structure

That means:

- Each Planet is a part of the general geometrical structure….
- Let's suppose, "the solar group is built in a pyramid form (mere supposition)".. that means the solar group general geometrical structure is a pyramid

Based on that

- o Each Planet is a part of this same Pyramid
- o That's why each planet is a complementary to the other planets to enable them to create the general geometrical structure (the Pyramid)
- o Also that means, there's no absent planet!... i.e. if the pyramid needs 10 planets, all of them will be created to form this pyramid…. That's the main idea…. The Planet matter is found as the second process, where the original energy is found before any **Matter Existence**… and this original energy uses the general geometrical structure to create the solar planets to be parts in this same geometrical structure.

What does that mean?

- o Let's imagine one painter draw one picture…he uses the pencil to draw the primary lines of the picture and then he'll use color brushes to paint the drawn lines… that's the same, the matter is created by the original energy, where the original energy defines the matter motion trajectory before the **Matter Birth!**
- o I wish we see clearly the contradiction… because the gravity concept granted the matter (and mass) an imaginary force, where the planet motion is defined with the planet matter creation process… where the matter is found to follow the trajectory which is defined by the original energy before any matter birth…

3-Each Planet Data is created to be suitable for this planet job or role in the general geometrical structure (which is the supposed Pyramid)

- Each Planet Data is created to be suitable for this planet role (or job) in the general geometrical structure (The supposed Pyramid)
- That's why the solar planets data consist a general harmony.
- The solar planets general harmony produces Planets Motions general harmony… based on which Kepler 3rd law is produced.

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8-2 The Description Details

In this point I discuss why the Solar Group Current Description is insufficient! and provide my suggested Description details..
Let's perform this task in next 2 points.

1st / Why The Current Description is Insufficient?
2nd / The Suggested Description Details

1s / Why The Current Description is Insufficient?

The current theories tell us that, the solar planet moves by gravity forces between his and the sun masses, where the planet defines his orbital distance according to this gravity forces… So the solar group current description shows the solar planets as separated points meet each other only through the sun.

Also the main effective relationship is the sun-planet relationship where the planet-planet relationship is very weak because of the sun massive Mass..

The solar planets, according to the current description, are created from a star was following the sun, later exploded and from his material the solar planets are created by gravity

(means the solar planets matters are created by random and there is no any relationship between the planets diameters)

The Current Description Problems

1- No one knows How the matter is created? the star story gives us nothing about the matter, or why the mass produces the gravity?

2- No one knows the gravity mechanism or if it needs time to work!

3- **The main problem** in this description is **the Planet Data Inconsistency**, where the description tells us that Mercury Orbital Distance =57.9 mkm because of the gravity between his and the sun masses. But the description tells us no explanation why Mercury Diameter = 4879 km or why his orbital inclination = 7 degrees…we can see easily that the description **uses some of the planet data** and ignores simply the other data and by such way the solar planet data become inconsistent…

4- This problem produces worse result. Where there's no explanation for the planet ignored data, each relationship is found with this data will be just pure coincidence!

The main question still needs answer… *How the matter is created?*

The matter creation was and will be our main difficulty to see the truth. The matter is the player in every point around us, she does the motion and tells us there's a physical law behind.. the Matter is The Knowledge Messenger…

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2nd / The Suggested Description Details

My suggested Description provides the answer for the main question "How the Matter is created …let's write that at immediately here…

What's the Matter (Mass)?   The Mass is an Energy $(E=mc^2)$
What's the distance?   The Distance is an Energy   (hypothesis)
i.e.
From The Same Energy The Matters (Masses) And Distances Are Created

The Description Summary

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

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

Let's provide a brief statement about each point in following:

1- General Description

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

2- The Description Main advantage

- **The Description Main advantage** is the integration and cooperation between the solar planets… which makes the solar group as one machine, one body or one Geometrical structure.

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3- Why the matter and distances are different in forms if both are energy?

In my theory of Matter Creation, I provide answers for this question let's summarize them here…

- Light coherence produces bright fringes and dark fringes as we have learnt from Young Experiment (Double Slit Experiment)
- We see the bright fringes as matters but the dark fringes we see as distances

- Why we see the bright fringes as matters? Because in our minds there are electromagnetic waves (electrical pulses which you can measure by the medical devices) … what Special Theory of Relativity tells us? the matter is energy but there's no difference in velocity between my motion and its motion, but the light motion has difference in velocity with my motion = c velocity that's why I see the light as light beams…..that's the same… in our minds there're electromagnetic waves travel with c velocity … that's why we see any light beams as matters because there's no difference in velocity between our motions… but the sun light has a difference velocity = c velocity relative to my motion that's why I see the sun rays as light beams…to review this theory please see

    Solar Group Geometrical Structure
    http://vixra.org/abs/1805.0081

    why we see the bright fringes as matters? For more details please review
    The Observer Effect On The Observation Results (Space = Energy=mc2)
    http://vixra.org/abs/1810.0343

4- Motion Transportation

- Similar to the transported motion from one gear to another, the motion is transported from one planet to another and through the motion transportation the energy is transported also from point to another through the solar group…
- We should pay attention to the motion transportation sequence ….. Because it's not necessary to transport the motion by the current solar planets sequence …. There are 2 reasons for that
- **1ˢᵗ Reason** – The planets positions from the sun may change through the history – as I claimed before that Mars immigrated from his original point at 84 mkm to the sun to dwell in his new point in 227.9 mkm to the sun…. this change of Mars orbital distance– if real- causes a disturbance for Motion transportation sequence… Please review:
    Mars Immigration Proves (Revised) http://vixra.org/abs/1807.0268

- **2ⁿᵈ - Reason** – The planets positions relative to each other… where I claimed that some planets suffer from Relativistic effects but other don't… that may cause more disturbance for the motion transportation sequence….
- Can we discover the motion transportation real sequence? Yes … because the Energy is transported from point to another through the solar group and we can follow this Energy trajectory to see clearly the motion transportation sequence.

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5- Relativistic and Non-Relativistic Motions

The Description Main Hypothesis

- "There's a physical point in the solar group moves with light velocity relative to another physical point in the solar group"

- This high velocity motion causes relativistic effects on the planets orbital distances and periods

- Because the solar group is one machine or one integrated system, these relativistic effects can be observed in different points in the solar group…

- We can't observe this high velocity motion but we can observe and record the relativistic effects

- So my work is to rewrite the solar planets data in a form shows the relativistic effects, where the planets data consistency will be a crucial proof for my claim.

- If we can perform this task and **prove that there are relativistic effects** in the solar group, that will make the solar group another source to study the Special Theory of relativity by which we can test and develop the theory basics and concepts.

- The proves and discussion of this claim are written in Point No.5 of this Paper

6- Distance And Time Values Equivalence
The Special Theory of Relativity tells us that
If a particle (energy) moves with c velocity the following relativistic effects may be observed:
    1st-   Time Dilation
    2nd-   Length Contraction
    3rd-   Mass Increasing
    4th-   **Time And Distance Values become equivalent**…

Point No. 4th is my conclusion I got by the solar planets data analysis, and this is my suggested contribution in the Special Theory of Relativity
Let's Provide an example to explain how I reach to this conclusion…

- 25920 years is the Cycle of Precession.

But
- Light moves during the solar day 86400 seconds a distance = 25920 million km

Also
- Solar Planets velocities total 17.6 mkm/ daily x 1461 days (Earth 4-years Cycle_ = 25920 mkm

As we see in the previous relationships… the value 25920 are seen 2 times one in time units and the other in distance units…. The same value are seen in different units…
Because this situation is repeated hundreds of times I found it's necessary to find a logical explanation for that..
So I suggested that, the Distance and Time Values become equivalent with high velocity as relativistic effect … I concluded that basically because not all distance and time values can be equivalent but only a great part of them which can't be pure coincidences … so I searched for specific reason behind and suggested this one..

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- Let's see another example for more explanation
  - o Jupiter Orbital Period 4331 days = Mars Orbital Period 687 days x2Π … this equation tells us that these orbital periods are energy transported from one point to another, as the motion transportation from one gear to another…. The time values here are equivalent to distance values, (as the factor 2Π tells us) but these values become time values because of the relativistic effects in the solar group….now we can see that, this equation has a physical reason behind and not pure coincidence…

(Review Table No.2 for equivalent time and distance values at end of this introduction)

I want to explain that, the time and distance values equivalence is one of the main Pillars in the solar system geometrical structure, so this isn't limited case in the solar group rather an extending case …

- Let's see one more example for more explanation

2 x 86400 mkm = 60 x 2872.5 mkm (Uranus Orbital Distance)

The previous Equation has very specific importance in the solar group

Let's remember its components

- **The value 2 x 86400 mkm** is the solar group main energy, this value we have discussed in details with Jupiter Energy in my previous paper "Solar Group Geometrical Structure" http://vixra.org/abs/1805.0081

- **2872.5 mkm Uranus orbital Distance** is very important distance in the solar group because Uranus is the main player in the sun creation process, we have discussed that before in "The Time definition" http://vixra.org/abs/1805.0523

- **The value 60:** is a famous rate in the solar group, and it's found basically because 1hour = 60 minutes and 1 minute = 60 seconds…. Means this rate is found between the distances because these same distances are worked as units of time in different cases that's why this rate 60 is required….(please review Table No.3 in End of this introduction for a complete list for the rate 60)

7- How the Distance And Time Values can be equivalent?

The Distance And Time Values are equivalent! What does that mean?

What distance is equivalent to what time?

I'll write here the general conclusion of this argument but the discussion and arguments are found in Point No.6 of this paper

The General Conclusion

- The solar system uses a unified distance, say 1 million km, for different times rates!

i.e.

- There's a cycle in which   1 mkm = 1 second
- There's another cycle in which   1 mkm = 1 minute
- There's another cycle in which   1 mkm = 1 hour
- There's another cycle in which   1 mkm = 1 day
- There's another cycle in which   1 mkm = 1 week
- There's another cycle in which   1 mkm = 1 month
- There's another cycle in which   1 mkm = 1 year
- There's another cycle in which   1 mkm = 1 Earth Cycle (1461 days)

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- That means the same distance works for many Cycle periods… why?

The solar group geometry uses the unified distances to create different rates of time

What does that mean?

The distance also has different rates! Yes the time has day, minute and seconds…etc

But the distance has km and thousand km and million km and …..etc

So, how to understand this conclusion?

<u>Yes the distance has different rates but no cycle makes this rate to be known</u>

<u>The time different rates have cycles in the solar group to make these rates are shown</u>

That's why the humanity knew all time rates…. year, month, week, day, minute, seconds

These values are standard for the universe regardless the people knowledge

But for distance, people uses km, miles, cubes ….etc

<u>Solar Group Geometrical Design</u>

The previous conclusion is interesting, the time periods are clear for people but distances aren't that because the universe geometry explains the time different values and rates..

Interesting idea….

But what's the useful result form it?

Why the time different rates and values are seen but the distances aren't?

Because the distances are unified but the time values are specific and shown by cycles

So, the 1 million km which we used in previous data is the same

But with different rates of time..!

Now let's ask

why the solar geometry does that?!   Because

The Energy accumulation process depends on different rates of time

8- Energy Accumulation Concept (Why time and distance values are equivalent)

By the different rates of time Earth motion can produce the Sun Energy   i.e.

What the Earth moved along complete year, the sun can uses for one day only

so we can see how the energy is accumulated

let's summarize all that in clear idea

-The main Idea Summary

- Based on the solar group relativistic motions, time values can be seen as distances values
- The solar geometry uses unified distances to create different values of time, which are seen by different cycles
- The time different values depend on each other to create different rates of time
- By this different rates of time the Energy can be accumulated to produce huge energy from average one.
- Based on this description, the solar planets motions produce the sun light beams

This claim proves and discussion will be in point No.7 of this paper

Please See also

Solar Group Geometrical Structure

http://vixra.org/abs/1805.0081

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Appendix No. 1 The 2737 Phenomenon
(The Planets alignment in December 2012)

(I called: The Egyptian Astronomic Phenomenon 2737)

1- Introduction

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

I called this phenomenon

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

"The 2737 Egyptian Astronomic Phenomenon"

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

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

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

Some interests we got by 2737 Egyptian phenomenon:

❖ *First* we know that the Pyramids builders recognized the different astronomic cycles, and especially 2737 phenomenon, for that they built just 3 pyramids at its parallel line.

❖ *Second,* we know that the Pyramids builders knew the relative distances between the planets and built the pyramids at their rates!

❖ *Third* where the 2737 phenomenon repeated on 3rd December 2012 for the third time, so the Number 8211 years is important number for human life or at least for the pyramids age.

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

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

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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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Freelance Translator

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EDUCATION (**All Certificates Are Attached**)	- **Moscow -Russia** –**Peoples Friendship University Of Russia –Since 2009 Till 2013 –Faculty Of Science.**
	- **Nizhniy Novgorod –Russia**- **The Russian Language Training Course 2007- 2008.**
	- **Goethe institute - Cairo** – **2001 to 2007**
	- **Ain Shams University - Cairo**- **Bachelor Degree Of Commerce -2000**
LANGUAGES	I provide the following translation
	• English into Arabic and vice versa
	• Russian into Arabic
	• German into Arabic
SERVICES	• Translation, Proofreading, and Editing.
	• The rate around 3500 words daily
WORK EXPERIENCE	• I have worked as freelance translator since 2003 till now, so I gained a great expertise in different fields.
	• I achieved special experience in the legal, economic & technical fields, So I provide the perfect translation for the contracts, agreements, memorandums, specifications, laws, decrees, …etc.
	• I provide the English authenticated translation (acceptable by all courts, official organizations and the foreign embassies)
COMPUTER SKILLS	I am an experienced computer user, I work with MS Office (Word, Excel, etc.), Reader, Adobe Acrobat (full), WinZip, WinRar, etc.
PERSONAL DATA	• Date of Birth : 09/10/1974 – Cairo.
	• Martial status : Single
	• Nationality : Egyptian
	• Religion :Christian

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РОССИЙСКАЯ ФЕДЕРАЦИЯ

Фамилия, имя, отчество

Гергес Фрэнсис Тавдрус Гергес

Дата рождения **09 октября 1974 года**

Предыдущий документ об образовании

Сертификат о полном среднем образовании, 1994 год, Египет

Вступительные испытания **прошел**

Поступил(а) в

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

Завершил(а) обучение в

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

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

Направление/специальность **Физика**

Специализация **не предусмотрена**

Курсовые работы:

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

Практика:

не проходил

Итоговые государственные экзамены:

не сдавал

Выполнение выпускной квалификационной работы

не выполнял

Продолжение см. на обороте

Документ содержит количество листов:

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)

Ректор

Декан

Секретарь

М. П.

Лист №1

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ЗАЧЕТНАЯ КНИЖКА № 1032104509

Российский университет дружбы народов

Государственное образовательное учреждение
высшего профессионального образования

Гергес Фрэнсис Тавдрус Гергес
(фамилия, имя, отчество)

Египет
(Гражданство)

Физ.-мат.
(факультет)

НФб+д
(Специальность)

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

Место
печати

личная подпись
студента

01.11.2010
Дата выдачи
зачетной книжки

(Проректор)   (Декан факультета)

Все студенты обязаны сдавать экзамены за полный курс каждого пред-
мета, вошедшего в учебные планы, а также сдавать зачеты по практи-
ческим работам после того, как данный курс прослушан студентом пол-
ностью.

Каждому студенту выдается единый студенческий билет и единая
зачетная книжка. В зачетную книжку заносятся все предметы, обяза-
тельные 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.

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ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ОБРАЗОВАНИЮ

ННГУ 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 **Египет, 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 (17...)	

Ректор   Р. Г. Стронгин

ЛИЦЕНЗИЯ Серия А № 268415 от 29 апреля 200 года
ФЕДЕРАЛЬНАЯ СЛУЖБА ПО НАДЗОРУ В СФЕРЕ ОБРАЗОВАНИЯ И НАУКИ

Рег. № 67...   "24" июня 2008 г.

ФАКУЛЬТЕТ ИНОСТРАННЫХ СТУДЕНТОВ
ННГУ
Копия верна

г. Нижний Новгород

зам. декана

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ACADEMIC

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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
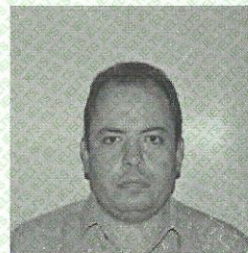
Date of Birth	09/10/1974	Sex (M/F)	M	Scheme Code	Private Candidate

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

BRITISH COUNCIL

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Administrator's Signature

Date 04/10/2016

Test Report Form Number 16EG005010GERG001A

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Sprachkurse und Pädagogische Verbindungsarbeit
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Teilnahmebescheinigung

Hiermit wird bestätigt, dass

Herr Gerges Francis Tawdrous,

geb. am 09.10.1974 in Kairo/Ägypten,

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

Deutschkurs der Niveaustufe B2

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

teilgenommen hat.

Das Niveau des Kurses entspricht 600 Stunden Deutschunterricht.

Kairo, den 08.01.2007

Leiterin der Spracharbeit

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"Metonic Cycle proves,, Solar Planets Motions depend on Their Cooperation,,

http://vixra.org/abs/1808.0566

Mercury Day = 3 Mercury rotation periods =2 Mercury orbital periods, Why?

http://vixra.org/abs/1808.0588

Mercury Jupiter Distance (revised)

http://vixra.org/abs/1808.0495

The Solar Group is One Machine (Proves)

http://vixra.org/abs/1808.0081

Solar Planet Gravity Equation

http://vixra.org/abs/1808.0012

The Moon Orbit Geometrical Structure (revised)

http://vixra.org/abs/1807.0449

84 Minutes are Required for Mercury Day

http://vixra.org/abs/1807.0412

Pluto was "The Mercury Moon"

http://vixra.org/abs/1807.0331

Saturn Data Proves Mars Immigration

http://vixra.org/abs/1807.0301

Mars Immigration Proves (Revised)

http://vixra.org/abs/1807.0268

Solar Planet Motion

http://vixra.org/abs/1807.0220

Mercury Velocity

http://vixra.org/abs/1807.0208

Solar Planet Diameter Creation Rule

http://vixra.org/abs/1807.0208

All Manuscripts

https://rudn.academia.edu/GergesTawadrous

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All papers

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