Earth and Mars Motions Interaction
(4 Sidereal years Cycle -1461 days-)

By Gerges Francis Twadrous
2nd course student – Physics Department - Physics & Math Faculty –
Peoples' Friendship University – Moscow – Russia -2010-2013
TEL   +201022532292 georgytawdrous@yandex.ru / mrwaheid@gmail.com

S. Virgin Mary Assumption into Heaven   on 22nd March 2018- Written in Cairo – Egypt

Abstract

Why does Earth rotate 4-years Cycle?

Because there's an interaction and coherence between Earth, Moon and Mars Motions, this interaction causes this 4-years Cycle

This paper tries to prove this fact, and explains its mechanism.

Also we discuss here the "Distance" and "Time" Definitions, explaining how to distinguish between the matter and space.

Contents

Gerges Francis Tawadrous/   1
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

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/

Gerges Francis Tawadrous/   2
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

1- Introduction

- **The Main Hypothesis:** There's an interaction and coherence between Earth, Moon and Mars Motions, and this interaction causes Earth 4-years cycle.

- Planets motions interaction and coherence is a new concept, so we need to prove it

- **How can I prove this fact? How such interaction can be showed**?
- may be through these planets real data …let's see that
- Mars Orbital Period 687 days =
  - = Earth Orbital Period (365.25 days) x 1.9 (Mars Orbital inclination) (I)
  - = Moon Orbital Period (27.3 days) x 25.2 (Mars Axial Tilt)   (II)
- The current theories tell us that, the previous relationships have no "geometrical reason behind" they are only "Pure Coincidences"!, so let's see more data….

$$\frac{\text{Earth Diameter}}{\text{Mars Diameter}} = \frac{\text{Mars Diameter}}{\text{Moon Diameter}} = \frac{\text{Venus Diameter}}{\text{Earth Raduis}} = 1.9 \text{ (Mars Orbital Inclination)}$$

(Max Error 2.8%)

- "More Pure Coincidences"!, Let's see more

$$\frac{\text{Earth Orbital Distance}}{\text{Earth Mars Distance}} = \frac{\text{Mars Orbital Distance}}{\text{Mars Venus Distance}} = \frac{\text{Earth Mars Distance}}{\text{Earth Venus Distance}} = \frac{\text{Venus Orbital Distance}}{\text{Mercury Orbital Distance}} = 1.9$$

(Max Error 1.6 %)

- I try to think beyond the current theories because of thousands of unanswered questions left behind… for example, we keep by heart, the gravity controls the planet motion and his orbital distance …but the gravity equation (m/r^2) tells us "More Mass means Less Distance", **So why Jupiter is Not in Place of Mercury?** Simply there's no relationship between the Planet mass and his position in the solar group!
    Solar Planets Order disproves the Gravity Theory
    http://vixra.org/abs/1801.0114
- I don't criticize any current theory, I try to use the solar planets data to understand the Solar System Geometry and Motion, avoiding the secret word "Pure Coincidence"! Let's remember here our old friend "The total Solar Eclipse question" …why do we see the Sun Disc = The moon Disc…? Because

$$\frac{\text{Earth Diameter}}{\text{Moon Diameter}} = \frac{\text{Earth Orbital Distance}}{\text{Earth Moon Distance}} = \frac{\text{Moon Orbital Circumfeence}}{\text{Earth Raduis}} = 400$$

- The Previous Relationship was considered also as "Pure Coincidence", then we asked **Why does the moon rotate Metonic Cycle if the moon is controlled by Earth Gravity, which Earth doesn't,** but the answer was no body knows

- **To summarize** I suppose there's an interaction in motions between Earth, Moon and Mars, and this interaction causes Earth 4-years Cycle, but I can't prove that by the planets data because the current theories consider all data as "Pure Coincidences"…

Gerges Francis Tawadrous/   3
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

2- Research Methodology

- The main idea ….
  "Solar Planet Data shows his Geometrical Structure, Motion And Origin"

- As in Pythagoras right triangle, the numbers 3,4 and 5 are Not just numbers, they shows the geometrical rule $3^2+4^2= 5^2$
- For that I analyze the solar planets data, to discover the planet real geometry and origin…But
- The Solar Data Analysis may give us another vision for the universe, let's see one Example in following

Why the moon orbital circumference (at apogee) = Earth daily motion distance?

The Moon Cycle (27.3 days)
- The current theory tells us the moon revolves around the Earth one revolution each 27.3 days (moves daily 88000 km…)
- **My Theory Tells That, The Moon Revolves Around The Earth One Complete Revolution Daily (moves daily 2.41 million km)**

Let's explain my theory
- The moon apogee radius = 406000 km, its circumference = 2.58 mkm
- The Earth daily motion = 2.58 mkm
- **Let's suppose that, the Whole Moon Orbit rotates daily a complete rotation (360 degrees) with the Earth around her axis…**,

Why The Moon himself doesn't revolve around the Earth One Revolution Daily?

- The Moon himself revolves A Complete Revolution Daily Around The Earth **IN THE OPPOSITE DIRECTION** To His Orbit Motion, and for that the moon doesn't be taken in his orbit motion with the Earth
- The Moon orbit circumference = 2.41 million km
- The apogee orbit circumference= Earth motion daily = 2.58 mkm,
- The difference is 0.17 mkm, which causes The Moon Daily Actual Displacement …
- The Moon Actual Displacement Daily Is 88000 km, which equal 1/2 of the velocities difference. That because the opposite directions of the motions causes friction for the moon pulling process by his orbit velocity, resulting an actual distance = 1/2 the velocities difference.
- (Note, The moon orbit regresses yearly 19 degrees - Metonic Cycle Facts) **..this may explain Why the moon orbit circumference = Earth daily motion?**

But the moon data has more puzzles… let's see more 2 Examples

1st Example / $\dfrac{\text{Moon Orbit Circumference (at apogee) (406000 km)}}{\text{Moon Orbit Circumference (at average orbit) (384000 km)}} = \dfrac{29.53 \, \text{days}}{27.32 \, \text{days}}$

2nd Example / The Moon Orbit Structure Puzzle
  1- The Distance Between the Earth and The Moon (at Perigee Point) = The Outer Planets Diameters Total.
  2- The Distance Between the Earth and The Moon (at Apogee Point) = All Solar Planets Diameters Total
  3- The Distance Between Perigee And Apogee = The Solar Inner Planets Diameters Total= Earth Circumference…   (we need to discuss such examples later)

Gerges Francis Tawadrous/   4
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

3-On the Motions Interaction and Coherence

3-1 General Description
3-2 Definition of Distance
3-3 Definition of Time

3-1 General Description

What does mean the motions interaction and coherence?

I imagine that's similar to the gears motions
Or to conveyors motions

There's an interaction occurred between 2 gears, and then these 2 gears move together after this interaction…
i.e.
Each gear motion depends on the other motion
The previous data tells that (but the proof will be later) …

- Mars Orbital Period 687 days =
  = Earth Orbital Period (365.25 days) x 1.9 (Mars Orbital inclination) (I)
  = Moon Orbital Period (27.3 days) x 25.2 (Mars Axial Tilt)   (II)

Mars Orbital Period and Inclination are related to Earth Orbital Period, they are interacted together and no one of them can move individually…
That means
Earth, Moon and Mars Motions are interacted together and they move as a group

I can see this is strong claim hard to be acceptable based on the previous 2 relationships, But we need to discuss our basic concepts and explain the solar group motions to see if such claim can be real
Let's refer to some brief and simple definitions in this point, where these definitions with many others we should discussed deeply in next Point (4- Matter Creation Theory)

3-2 Definition of Distance

What's the distance?
How can we create a distance?
One of our basic problems with current theories is the unified definitions absence!

My definition of Distance is:
"The Distance Is A Form Of The Energy Forms"

The meaning of this definition is explained clearly from its words
And correctly, we can create an energy from the Space, extends the Energy Conservation Law

Gerges Francis Tawadrous/   5
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

3-3 Definition of Time

My definition of Time is:
"The Time Is A Form Of The Energy Forms"

The words are clear enough
Yes,
There's NO difference between Time and Distance

And that means
The time values in one frame will be worked as distances values in another frame
i.e.
The time and distance value are one value but are seen from 2 different frames

For example
- Mercury Orbital distance = 57.9 mkm
- Mercury rotation period = 58.6 days

Approximately the number is 58 in both cases….

and I claim these 2 values are just one value = 58
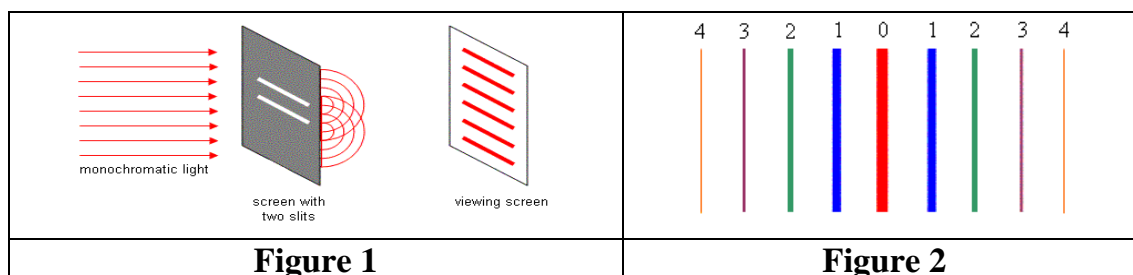there an energy value = 58

But This Value Is Seen From 2 Different Frames, In First Frame It's Seen As Distance And In The Second Frame It's Seen As A Period

as you reflect the candle light on a mirror and on a piece of copper, the reflected picture is NOT the same one because the medium is different….

Much better explanation we can provide in next point (4- Matter Creation Theory)

Gerges Francis Tawadrous/   6
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

4- Matter Creation Theory

4-1 The Main Idea

Figure 1	Figure 2

I- Double Slit Experiment

- We know from the double Slit Experiment (Young Experiment), that 2 light beams may get coherence, and the result will be bright and dark fringes

- That tells us there are 2 different types of light, the original light and the bright fringes

- The bright fringes thickness decreases regularly from the middle one to both sides

II- The Main Hypothesis

__The Matter Is The Bright Fringe Produced By Light Coherence__

I answered the question "Why we see the light as matter?" in my paper " Earth moves with light velocity relative to the sun" (http://vixra.org/abs/1709.0331)

Let's summarize that here:

- We see only the Bright Fringes (light his velocity = C)

  o If bright fringes move with c velocity relative to us we would see them as light beam (the sun light), and

  o If the bright fringes move with our velocity we would see them as Matter –

  o The Distinguish between the light and matter vision depends on their velocity relative to us (observer)

  o That explains "**The Nature Duality"**, when the particle moves with c velocity relative to me I would see it as light (wave) but when the same particle moves with no difference in velocity with me I would see it as particle (matter) (Particle Double Nature Reason http://vixra.org/abs/1712.0425)

  o "Earth moves with light velocity relative to the sun" that means
    ▪ Earth moves in frame different from the Sun frame (i.e. there are many frames in the solar group)
    ▪ "Earth motion" means "Solar Planets velocities total" which is loaded on the Earth because Earth creates new rate of time for the sun (1 year of Earth time = 1 day of Sun time) by such way, the solar planets velocities total will be 1/4 C velocity (at the sun point only)

  o The Solar Group is a group of moving gears, aiming to create a difference in velocity between 2 points = C Velocity and this difference is occurred between Earth and the Sun. (please review that paper)

Gerges Francis Tawadrous/   7
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

III- The Theory

If The matter is the Bright Fringe produced by light coherence we may conclude:

- The Matter should be changing with time because the matter (bright fringe) is produced based on light coherence process, which is an interactive process changes continuously (so this hypothesis explains the matter continuous change feature)

- The Matter is created in motion, that means the matter motion is found as part of the matter creation, simply there's no matter in rest (no rest mass)
- The Matter is the Bright Fringe means, our bodies are also Bright fringes, i.e. our bodies are produced from light coherence, that explains the continuous change
- If our bodies are bright fringes, that means our 5 senses can't discover any other light type, because our bodies are created from bright fringes, so our 5 senses capacities are limited to this specific type of light (light velocity c).

- That's why the light velocity (c) is the highest in our universe, because even if found higher velocity we can't discover or realize it because our 5 senses are limited to the bright fringes velocity (c velocity)

- So we can't realize the original light beams because our bodies made of the bright fringes (i.e. in fact there's velocity higher than c velocity, but we can't realize it by our 5 Senses)

- The previous explanation tells us why we can't understand the solar system Geometry clearly, because **Not all data is available before us** where many data is absent because we are limited to the bright fringes from which our bodies are created. so we can't reach the whole system easily because parts of this system are higher than our capacities of observation (higher than the 5 senses)

- So we may see "why the planets data analysis is very important" method to discover the universe, where the experiment and observation are tools limited to our 5 senses (limited to c velocity)

IV- The Theory Proves
The theory provides answers for many questions, let's start…

1st Question: How does the Planet define his orbital distance?
In this paper introduction we have discussed this question and found no relationship between the planet mass and his position in the solar group, where actually

The Solar Planets Order corresponds to Bright Fringes Distribution!
- Jupiter the Most Great Planet (Fringe) is found in the Middle
- Both Ends have the smallest planets (Mercury and Pluto)
- The Planets volumes and Masses decrease regularly at both sides from Jupiter
    - Saturn / Mars (exceptional)
    - Uranus / Earth
    - Neptune / Venus
    - Pluto / Mercury

Gerges Francis Tawadrous/   8
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

2nd Question: Why the particle has double nature (the nature duality reason!)

This question is answered before, let's repeat the answer here again

- This theory concept depends on a main hypothesis, that "**there's more than one frame in the solar group.**" i.e. there are components in the solar group move with light velocity relative to other components in the group… in fact the hypothesis tells that, Earth moves with light velocity (c velocity) relative to the sun … I explained and discussed this hypothesis in my previous paper.. but this hypothesis result will be that, there's more than one frame in the solar group …one frame moves with c velocity relative to me and the other moves with my velocity …

If we accept that, the explanation will be very simple

- when the particle moves in the first frame I'll see it as a wave (light) but when the same particle moves in the second frame I'll see it as matter (particle) (but why the same particle moves in many frames? We should answer that later)
  (Particle Double Nature Reason http://vixra.org/abs/1712.0398)

3rd Question: can such hypothesis be truth?

Is there many frames in the solar group? Is it real?
I can say   **"Yes"**
The fact behind this hypothesis depends on the human mind
The mind works by electromagnetic waves (pulses of electricity), that means part of our body works actually with c velocity…
This is the secret, the matter around us is real and not imagination, but the matter is not matter, it's light beams (bright fringes their velocity = c), but our minds work by this same velocity (c velocity)
That's why we see the light as matter…

How such idea can be real? To answer let's answer another very important question

4th Question: How the matter is created?
The answer will be in next sub-point (4-2)

Gerges Francis Tawadrous/   9
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

4-2 The Matter Creation Process

How the Matter is created?

Why I suggested that the matter is made of light, or the matter is a light in another frame? From where I got such idea?

I try to find some flexible stuff suitable for relationships I found in the solar system geometry… let's see one example here

Table No.1 No error more than 1.5%	
Mars Diameter / Venus Radius =	A^2
= Venus Diameter / Moon Circumference=	A^2
= Moon Radius * Π/ Mercury Diameter =	A^2
= Pluto Circumference / Mars Diameter=	A^2
=Uranus Circumference / Jupiter Diameter =	A^2
= lunar apogee radius /lunar perigee radius =	A^2

Discussion

The previous table tells us that the rate A^2 is used as the same rate for 6 equations!

The usual answer is "pure coincidences" I kept it

But if we try to find explanation for this strange 6 equations, We may reach to some of the following conclusions

1- The Solar Planets can't be created by random, where each planet is created in geometrical relationship to others

2- That means, the idea of "the big star which followed the sun and later exploded, from which the solar group planets were created" is Not correct idea… because the solar planets are created depending on each other…

3- Still we have difficulty to understand this table, because how 2 planets diameters got geometrical relationship where between both there's a great distance?

- This is the eclipse question, (Earth Sun distance / Earth moon distance) = (Sun Diameter/ Moon Diameter), how that can be possible… Pure coincidence!!

- If not pure coincidence… so we'll have only one solution, to suggest that, the whole solar group is one textile!...**all solar group components are made from the same stuff**….i.e. **the matter and space are made from the same stuff!!**

- Young experiment tells us that, <u>the darkness is made from light coherence!</u> (i.e. the apace or distance – darkness- is made of light coherence!)

- So I suppose all spaces around us are made of light coherence, and also the space or distance is a form of the Energy.

- The Idea is clear… **The solar Group is made of light totally, and because there are many frames in the group, we see the light in different forms**

Gerges Francis Tawadrous/   10
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

- I need to explain that, the easy word "Pure coincidences" can't be solution at all… because the whole solar group is built by her components geometrical relationships… so I can provide huge number of data prove such relationships, in this time let's complete the previous table only

Table No.1	No Error More Than 1.5%
Relationship	Rate
Earth Diameter / Venus Diameter =	A
= Mars Diameter / Earth Radius	
Mars Diameter / Venus Radius =	A2
= Venus Diameter / Moon Circumference=	
= Moon Radius * Π/ Mercury Diameter =	
= Pluto Circumference / Mars Diameter=	
=Uranus Circumference / Jupiter Diameter =	
= lunar apogee radius /lunar perigee radius =	
Pluto Circumference / Earth Radius =	A3
=Mercury Circumference / Earth Diameter =	
= Earth Diameter / Moon Circumference=	
= Uranus Radius / Mars Circumference =	
= Jupiter Diameter / Saturn Diameter=	
= Saturn diameter / Uranus Diameter=	
Venus Radius / Mercury Diameter=	A4
= Uranus Diameter / Earth Circumference=	
Uranus Diameter / Venus Circumference=	A5
Jupiter Radius / Uranus Diameter=	A6
= Mercury Diameter / Moon Diameter	
=Mars Diameter / Mercury Diameter=	

The table tells us

We have reason to suppose that, "the matter is made of light or the matter is a light"

4-2-1 Pair Production (Anderson Experiment)

Anderson in 1932 produced electron and positron from Gamma rays (1.2 Mev), this experiment supports my claim strongly… because the matter is created from Gamma rays
Let's ask what matter Anderson produced in this Experiment? *Electron and positron*
They are related to each other, they have the same mass and opposite charges and they have forced motion to each other… that what I'm telling here
If the matter is created from the light, the produced matter will be related to each other, and that's shown from the previous tables..
Not only that, the whole Earth is made of **matters and their opposites,** as day and night or female and male…etc why the matter can't be created from the light… it's logical idea

Gerges Francis Tawadrous/   11
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

4-3 The Distance Creation

The theory tells us that, **{the Distance is Dark Fringes}**

The light coherence produces bright and dark fringes
I supposed

- Bright Fringes   = Matters …and
- Dark Fringes   = Distances

Based on this hypothesis
The distance is a form of energy, because the distance (dark fringe) is produced from light coherence with the matter (bright fringe)

Young experiment can tell us many deep information about the solar group creation
For example I don't know if the bright fringes will be dark fringes during the coherence process… (if that's real that means the matter can be a distance and vice versa)
So we can't extend our description here

We got 2 information here
1- The Distance Is A Form Of Energy
2- The Distance is created by light coherence as complementary to the created matter (the bright fringes production)

Let's see the Time Creation

4-4 Time Creation

{Time is Matter Change Measurement found by Matter Creation}

- We know the Produced matter is changing continuously, so the time is this matter change measurement…so
- The time is created with the matter

i.e.
- The time is created with the bright fringes

But
Actually there's another rate of time in the solar group ……..let's see it

4-3-1 another rate of time

Because the solar group has more than one frame, for that reason **The Distance Value in One Frame Works as Time Value in another Frame…**
This idea we have discussed in this paper introduction
We used mercury Example
Let's provide another example here

- Procession of the equinox cycle =25920 years

But
- 0.3 mkm /sec (c velocity) x 86400 seconds (solar day) =25920 million km

Also
- 17.6 mkm (solar planets velocities daily total) x 1461 days (Earth Cycle) = 25920 mkm

Gerges Francis Tawadrous/   12
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

My idea is

These all numbers are just one number

There's an energy = 25920

And this energy is seen as 25920 years in one frame ….And

As 25920 million km in another frame…

So the distance value in one frame can be seen as time value in another frame

Based on that we may conclude the following:

1- There are 2 different rates of time in the solar group (at least), the time which is the matter change measurement and the time which is a distance in another frame, based on this explanation the time will be as the distance (a form of the Energy)

Please remember

(we have studied 2 rates of time, when we have found that "1 day of the sun rate of time= 1 year of the Earth rate of time)

Earth moves with light velocity relative to the sun   (http://vixra.org/abs/1709.0331)

2- these 2 different rates of time are found in the solar group, **So These 2 Rates Of Time Must Have One Equation** otherwise the solar group can't work… means "There's a relationship between the bright fringe period and the dark fringe thickness in Young Experiment (the bright fringe period means the bright fringe period between changes), and this is an experimental test, we can do it and see if it will support my claim.

Let's answer our old question (why the same particle moves in many frames?) or (why the time Values can be seen as distances Values)

3- The time values are seen as distance values because the energy is transported from point to another in the solar group, i.e. the whole group motions are connected together in one thread, in which the energy is transported from one point to another through the group …… that's why the numbers are repeated… so the repeated numbers supports the idea that the solar group is one textile (one thread or one line of Energy), in which the energy is transported from one point into another..

Please remember

4- The energy transportation process through the solar group aims to create a difference in velocities between 2 points = C velocity and that's occurred where the difference in Velocity between The sun and Earth = c Velocity that's why the sun is our source of light.

Gerges Francis Tawadrous/   13

2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..

mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

4-5 the Human Mind

This whole theory is built on the human mind features

Because the mind uses electrical pulses and electromagnetic waves in his operation

That's why we see the light as matters because our minds works by C velocity and we see the light as matters because we have no difference in velocity between our mind and the light…

Because the Sun is very slow in motion relative to us, the difference in velocity = C velocity is created based on this fact.

That's why the sun is our source of light

4-6 Two Frames In The Solar Group (Lorentz contraction)

We discussed that before and now we know that there are at least 2 frames in the solar group, one frame moves with Earth (loaded) velocity = C velocity relative to the sun and the other frame moves with sun velocity

As the Special Theory of Relativity tells us,

The C velocity motion may cause Lorentz contraction

We may remember his equation

$$L = L_o \sqrt{1 - \frac{v^2}{c^2}}$$

i.e.

the measured distances and diameters in the solar group may be less than the supposed values with this contraction

we have here one surprise

this percentage is constant and defined =

7.5%

What does that mean?

The measured value is less than the supposed value with rate 7.5%

We will study many cases applied to this concept in next points (Points No. 5 &6)

And in these cases we will examine what's the supposed value and why this supposed value is correct, then we'll see what's the actual measurement and what puzzle is produced from it.

Anyway, Lorentz contraction phenomenon is a direct proof for my claim, that "There are 2 frames- at least -in the solar group"

Gerges Francis Tawadrous/   14
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

5- Earth and Moon Motions

5-1 Planet Diameter and Orbital Distance

What does mean the word "motion"? If the whole solar group is made of the same light beams coherence?!

We have discussed before that, the matter, distance, time and light all these components are made of the same stuff
But this description is so general, means we can't understand what the motion is?
Let's explain that in some details

As we have discussed before, the distance is made of light beams coherence as the matter (where the distance is the dark fringe and matter is the bright fringe)
i.e.

The Space or Distance Is an Energy
This idea we have studied also…
So **this energy (i.e. the distance**) moves to the planet position, then this energy get some accumulation (or coherence) in this position by which the planet Matter (Planet Body) is created
i.e.
The planet matter and orbital distance both of them are made from the same Energy line
This idea we can conclude easily from the following data

- Mercury Orbital Distance = Mercury Diameter x 109^2
- Earth Orbital Distance = Earth Diameter x 109^2
- Saturn Orbital Distance = Saturn Diameter x 109^2
- Earth- Mars Distance = Mars Diameter x 109^2

We see easily that, the Planet diameter and his orbital distance both are defined by the same law
But, as we see, the situation is not very clear
Because not all solar planets follow this same rule (just 4 planets follow this rule even approximately) …why?
Because not all Energy lines related directly and simply to their planets as these 4 planets, Where the light coherence may have complex points, for that reason not all solar planets defined their orbital distances with clear and direct relationships as these 4 planets…
So, the main concept is

"The Planet creates his Matter (his body) From the Energy of his Orbital Distance or of his internal Distance"
If the coherence was simple and clear, so easy rules can be found control the relationship between the planet diameter and his orbital distance otherwise this relationship will be complex somehow...

Gerges Francis Tawadrous/   15
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

5-2 The Moon Motion

What's The Moon Real Velocity Daily? i.e.

What's the distance, the moon moved every day actually?

The moon should move a distance equal to the Earth distance because they move together and if the moon velocity is different from Earth velocity they may separated during the course of time…

We know the Earth moves 2.58 million km daily

But what's the moon real motion daily?

Let's remember my theory about the moon motion which I provided before in the research methodology

5-2-1 The Moon Cycle (27.3 days)

- The current theory tells us the moon revolves around the Earth one revolution each 27.3 days (moves daily 88000 km…)
- **My Theory Tells That, The Moon Revolves Around The Earth One Complete Revolution Daily (moves daily 2.41 million km)**

Let's explain my theory

- The moon apogee radius = 406000 km, its circumference = 2.58 mkm
- The Earth daily motion = 2.58 mkm
- **Let's suppose that, the Whole Moon Orbit rotates daily a complete rotation (360 degrees) with the Earth around her axis…**,

Why The Moon himself doesn't revolve around the Earth One Revolution Daily?

- The Moon himself revolves A Complete Revolution Daily Around The Earth **IN THE OPPOSITE DIRECTION** To His Orbit Motion, and for that the moon doesn't be taken in his orbit motion with the Earth
- The Moon orbit circumference = 2.41 million km
- The apogee orbit circumference= Earth motion daily = 2.58 mkm,
- The difference is 0.17 mkm, which causes The Moon Daily Actual Displacement …
- The Moon Actual Displacement Daily Is 88000 km, which equal 1/2 of the velocities difference. That because the opposite directions of the motions causes friction for the moon pulling process by his orbit velocity, resulting an actual distance = 1/2 the velocities difference.(Note, The moon orbit regresses yearly 19 degrees - Metonic Cycle Facts)

Gerges Francis Tawadrous/   16

2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..

mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

5-2-2- The Moon Actual Daily Motion

According to the previous theory the moon moves daily a distance = 2.41 million km
But the Earth moves daily a distance = 2.58 million km
If the situation is such, that means
The Earth and Moon will be separated from each other after some period
So, what's going on here?

The moon moves 2.58 million km
But we measure this distance = 2.41 million km
Why?
Because the moon moves in another frame relative to the Earth
The difference between both values
2.58-2.41 = 0.17 mkm
This value = 7.5% of the distance (2.58 mkm)
What does that means?
The moon moves with Earth with the same velocity 2.58 million km and in the same direction,
But because the moon moves in another frame relative to the Earth
So
We see the moon daily distance with lorentz contraction (2.41 mkm)
And we see the moon moves in ellipse around the Earth

Let's remember Einstein train..
When the left the rock to be dropped from the moving train he saw the rock trajectory as straight line but the people on platform saw the trajectory as parabolic
Now this puzzle is solved…
The moon trajectory in fact a proof for my claim that there's at least 2 frames in the solar group

Gerges Francis Tawadrous/   17
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

5-2-3- Lunar sidereal and synodic months

We know why the moon has 2 months 27.3 and 29.53 days

But is the current explanation enough?

Let's remember our methodology equation

$$\frac{\text{Moon Orbit Circumference (at apogee) (406000 km)}}{\text{Moon Orbit Circumference (at average orbit) (384000 km)}} = \frac{29.53 \text{ days}}{27.32 \text{ days}}$$

The previous Equation tells us that

- 29.53 days x 2.41 mkm (Moon average orbital circumference) = 71 mkm
- 27.32 days x 2.58 mkm (Moon orbital circumference at apogee) = 71 mkm

  Why?

71 million km the Earth needs daily to produce c velocity relative to the sun

Because the time is 237 seconds

(17 million km /237 seconds) = C velocity

The previous data tells us that

The moon transport that energy =71 million km to the earth during 29.53 days but the Earth consumes this energy in 27.3 days, and that means the difference will be the starting part for next month

This meaning we discussed in previous paper "Earth moves with light velocity relative to the sun"

Gerges Francis Tawadrous/   18

2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..

mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

5-3 The motions Frames

Let's explain each planet frame

- **The moon moves in different frame from the Earth frame (we learnt that from 5-2-2 the moon actual daily motion)**
- This conclusion depends on the calculation where we found that 2.41 million km (moon motion daily) must be equal 2.58 mkm (Earth motion daily).. How that? Because we measure this distance through Lorentz contraction- which causes contraction with percentage 7.5%- so 2.41 mkm actually = 2.58mkm but we measure wrongly…
    o That prove "there's more than one frame in the solar group, that's why we see the Lorentz contraction phenomenon"

- This case is repeated with Mars because Mars Axial Tilt 25.2 with contraction 7.5% will be 23.5 degrees Earth Axial Tilt …
    o i.e. Mars Axial Tilt = Earth Axial Tilt, but the difference in measurement is made by Lorentz contraction phenomenon..
    o That proves there's interaction between Mars and Earth Motions and also prove that there's more than one frame in the solar group.
    o

So I may conclude
- Mars And Moon Are In The Same Frame
That's the reason for next equations

(1)
13.18 degrees (moon motion degrees daily) x 1.9 (Mars Orbital inclination) = 25.2 Mars Axial Tilt
(2)
365.25 days = (Mars day/ Earth day) x 354.36 days
(Mars depends on 354.36 – moon year- but Earth depends on 365.25 – sidereal year)

Note / Mercury and Jupiter are found in the same frame with moon and Mars

General Conclusion
- Earth and Mars has interaction between their motions, but they are found in 2 different frames
-
- Moon and Mars has interaction between their motions, and they are found in the same frame

Gerges Francis Tawadrous/   19
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

6- Mars, Earth and Moon Motions Interaction

To start our discussion here we need to take a look on Mars effect on the solar group

6-1 Mars Effect in the Solar Group

6-1-1 Mars Axial Tilt
Mars is exceptional Planet in the solar group planets… I may prove that here
Through Kepler third Law using for the solar group planets we find some interesting information as following

$$P^2 * 25 = d^3$$

Where

- **P** : The Planet orbital period

- d : The Planet orbital distance

- **25**: Mars Axial Tilt

The results are shown in the following table

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

Kepler 3rd Law Discussion

I- The Table explanation

- Mars Axial Tilt = 25.2 Degrees (the table constant)

- The previous table uses directly Kepler 3rd Law for the solar planets motions. The planets used data are from NASA Planetary Fact Sheet, and the used units are standard units (the day for time and million km for distance). i.e. the constant is real and correct

- **The Previous table tells us that, Mars is specific Planet in the Solar Group and Not common one…**

For Mars full discussion please read
Solar Planets Order disproves the Gravity Theory
http://vixra.org/abs/1801.0114

Gerges Francis Tawadrous/   20
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

6-1-2 Mars Orbital Inclination

(1.9 degree is Mars orbital inclination)

$$\frac{\text{Earth Diameter}}{\text{Mars Diameter}} = \frac{\text{Mars Diameter}}{\text{Moon Diameter}} = \frac{\text{Venus Diameter}}{\text{Earth Raduis}} = 1.9 \text{ (Mars Orbital Inclination)}$$

(Max Error 2.8%)

$$\frac{\text{Earth Orbital Distance}}{\text{Earth Mars Distance}} = \frac{\text{Mars Orbital Distance}}{\text{Mars Venus Distance}} = \frac{\text{Earth Mars Distance}}{\text{Earth Venus Distance}} = \frac{\text{Venus Orbital Distance}}{\text{Mercury Orbital Distance}} = 1.9$$

(Max Error 1.6 %)

$$\frac{\text{Mercury Saturn Distance}}{\text{Mercury Jupiter Distance}} = 1.9$$

General Comments

We can see that Mars is real effective on many data in the solar group

But

We should focus on our question here more than any other information
How Earth, Mars and Moon motions get interaction which causes the Earth 4-years Cycle

Let's discuss that in following…

Gerges Francis Tawadrous/   21
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

6-2 Mars Earth Motions Interaction

6-2-1 Earth and Mars Axial Tilts

Earth Axial Tilt (23.45) = Mars Axial Tilt (25.2)

The Difference = 7.5%

This difference is caused by Lorentz contraction phenomenon where Mars and Earth are found in 2 different frames

6-2-2 Earth and Mars Interaction

1461 days = 1.9 (Mars Orbital Inclination) x 778.6 mkm (Jupiter Orbital Distance)

The previous Equation is the basic one, which will explains this interaction

Let's summarize how this Equation works

- Jupiter is found in another frame relative to the Earth, means his distance will be shown as period for the Earth…
- Jupiter Orbital Distance suffers from Lorentz contraction 7.5%, so the result will be 730 million km
- Mercury Jupiter distance = 720.3 million km (error 1.4%)

i.e.

- The distance 778.2 mkm = 730 mkm… but each of both is found in another frame

- 730 = 365 x 2

- Why the Cycle 4 x 365.25 days = 1461 days?

- Because Mercury Jupiter distance is found in one side (radius) of the motion, and the complete cycle needs a diameter to perform 360 degrees
- i.e. the complete Cycle needs 2 x 730 = 4x 365.25 = 1461 days

- this energy (1461) will be loaded on Mercury in four parts, each one = 365.25, this value is seen as Mercury Orbital circumference (365.25 million km) because Mercury in another frame, but this energy is transported to the Earth in period form 365.25 x 4 = 1461 days

Gerges Francis Tawadrous/   22
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

6-3 Mars Moon Motions Interaction

The Basic Equations

- Mars Orbital Period 687 days = Moon Orbital Period 27.32 days * 25.2 degrees (Mars Axial Tilt) (no error)

- 25.2 degrees (Mars Axial Tilt) = (1.9 degree is Mars orbital inclination) * 13.18 degrees (Moon Motion daily degrees) (error 1%)

The equations tells us, that Mars and Moon are found in the same frame
But the Earth is found in another frame

For that reason
Mars defines the Earth orbital distance as following
 227.9 mkm (Mars Orbital distance) (Π+1) = 944 mkm   **(1)**
(Earth Orbital Circumference = 940 mkm – no error)
Also Mars defines Earth Orbital Period as following

(Mars Day 24.7/Earth Day 24)* 354.36 days= <u>364.7</u> days (Earth Orbital Period365.25)
                                                           (2)

That tells us Mars and Moon are in the same frame
But the Earth in another one

Also we find that

$$\frac{\text{Earth Orbital Distance}}{\text{Earth Velocity}} = \frac{\text{Mars Venus Distance}}{\text{Mars Velocity}} = \frac{\text{Moon Orbital Distance (at solar eclipse)}}{\text{Earth Raduis}} = 58$$

                                                                (3)

Gerges Francis Tawadrous/   23
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

Appendix No1. 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"

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

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)

Gerges Francis Tawadrous/   24

2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..

mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

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

---

[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

Gerges Francis Tawadrous/   25
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

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

Gerges Francis Tawadrous/   26
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

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

Gerges Francis Tawadrous/   27
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

			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**

Gerges Francis Tawadrous/   28
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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**

Gerges Francis Tawadrous/   29

2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..

mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

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..

Gerges Francis Tawadrous/ 30
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com mrwaheid@gmail.com +201022532292

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

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!!

Gerges Francis Tawadrous/   31
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

AUTHOR CURRICULUM VITAE

Freelance Translator

CONTACTS	- **Name** : Gerges Francis Tawdrous - **Mobil** :+201062723434 / +201022532292 - **Telephone :** +222550186 - **E-mail :**gergesfrancis@yandex.ru mrwaheid1@yahoo.com - **Address** : **11 Mohmed Rageb St – madenet El Saada El Materiya – Cairo – Egypt**
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

BEST REGARDS

Gerges Francis Tawadrous/ 32
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

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

(дата выдачи)   года

Ректор

Декан

Секретарь

М. П

Продолжение см. на обороте

Документ содержит количество листов:

Лист №1

Gerges Francis Tawadrous/   33
2ⁿᵈ Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

Gerges Francis Tawadrous/ 34
2ⁿᵈ Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ОБРАЗОВАНИЮ

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

СЕРТИФИКАТ

О ПОДГОТОВКЕ К ПОСТУПЛЕНИЮ В ВУЗ
(ПРЕДВУЗОВСКОЙ ПОДГОТОВКЕ)

Настоящий сертификат выдан в том, что

Гергес Фрэнсис Тавдроус Гергес

(Gerges Francis Tawdrous Gerges)

Гражданство, дата рождения   *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 (1798)	

Ректор   Р. Г. Стронгин

ЛИЦЕНЗИЯ Серия А № 268420 от 28 апреля 2007 года
ФЕДЕРАЛЬНАЯ СЛУЖБА ПО НАДЗОРУ В СФЕРЕ ОБРАЗОВАНИЯ И НАУКИ

Рег. № _670_   "24" *июня* 2008 г.

ФАКУЛЬТЕТ ИНОСТРАННЫХ
СТУДЕНТОВ

Копия
верна

г. Нижний Новгород

зам. декана

Gerges Francis Tawadrous/   35

2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..

mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

IELTS™

Test Report Form

ACADEMIC

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

Centre Number	EG001	Date	24/SEP/2016	Candidate Number	005010

Candidate Details

Family Name	GERGES
First Name	GERGES FRANCIS TAWDROUS
Candidate ID	27410090102716

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

Country or Region of Origin	
Country of Nationality	EGYPT
First Language	ARABIC

Test Results

Listening	5.5	Reading	7.0	Writing	5.0	Speaking	5.5	Overall Band Score	6.0	CEFR Level	B2

Administrator Comments

Centre stamp

BRITISH COUNCIL

Validation stamp

IELTS

Administrator's Signature

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

BRITISH COUNCIL   **idp** IELTS AUSTRALIA   **CAMBRIDGE ENGLISH** Language Assessment Part of the University of Cambridge

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

Gerges Francis Tawadrous/   36
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

Author Other Papers

<mark>**I- The Holy Bible Studies**</mark>

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

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

Solar Group General Description.doc
http://vixra.org/abs/1802.0075

Why The Light Is The Universe Highest Velocity?
http://vixra.org/abs/1801.0369

Special Relativity Hypothesis Reason (Matter Creation Theory)(8)
http://vixra.org/abs/1801.0343

Solar Planets Order disproves the Gravity Theory (Part 7)
http://vixra.org/abs/1801.0114

Particle Double Nature Reason (Part 6)
http://vixra.org/abs/1712.0398

Copernicus-Kepler Model Modification (Part 5)
http://vixra.org/abs/1711.0133

"The Solar System Part 4"
"The Earth moves with the light velocity relative to the sun"
http://vixra.org/abs/1709.0331

"The Solar System Geometry (Part No.3)"
http://vixra.org/abs/1707.0215
also
https://www.slideshare.net/Gergesfrancis/the-solar-system-geometry-part-no3

"The Solar System Geometry (Part 2)"
http://vixra.org/abs/1703.0178
also
https://www.slideshare.net/Gergesfrancis/the-solar-system-geometry-part-2
" The Solar System Geometry (Part I)"
http://vixra.org/abs/1509.0126
also
https://www.slideshare.net/Gergesfrancis/the-solar-system-geometry-part-i-51989014?qid=a789c6b2-5395-4cde-be61-b777af04e643&v=&b=&from_search=2

Gerges Francis Tawadrous/   37
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

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

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

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

The Mars Data Analysis Proves the Rest Mass Concept is Unreal
http://vixra.org/abs/1509.0244
The Solar Eclipse "The Gravitation Theory Puzzle"
http://vixra.org/abs/1509.0264

All Manuscripts
https://rudn.academia.edu/GergesTawadrous

contacts
Gerges Francis Tawdrous
TEL   +201022532292
E-mail   georgytawdrous@yandex.ru
                mrwaheid@gmail.com

Linkedln   https://eg.linkedin.com/in/gerges-francis-86a351a1

Academia   https://rudn.academia.edu/GergesTawadrous
Twitter   https://twitter.com/Gergesfrancis

Gerges Francis Tawadrous/   38
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292