
Solar Group General Description (The Solar System Geometry Part 9)

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Abstract- Solar Group General Description

1. The Main Hypothesis: **The Matter Is Created From The Light**
2. The produced matter is created in motion, that means the solar planets are created in motions (regardless the motion reason)
3. The solar group are a group of motions conveyors, So the motions of all solar planets are depended on each other
4. **The solar group motions aim to create a difference in motion velocity = C between 2 points in the group.**
5. i.e. The Solar Planets work as gears or conveyors group, transfer the motion from point to another point, aiming to create a difference in motion velocity = C velocity. And that's happening where the solar group motions create a difference in velocities between the Earth and Sun motions = C velocity (for that reason the sun is our source of light)
6. The solar group is **A Dipole System** has 2 heads (the sun and the Earth)
7. The light Production by the planets motions (i.e. by transferring of the mechanical waves into light waves), the original source of light beams energy, from which the solar planets were created, will be conserved.
8. Because there's a difference in velocity = C between 2 points in the solar group (the sun and the Earth), we may conclude easily that, there's more than one frame in the solar group.
9. To create a difference of velocity = C, all solar planets should revolve around the dipole line (The Sun-Earth Line) in the same direction, enabling the velocities addition process to gather all motions in the same point...
10. The Produced Solar Planets should have relationships between their Geometrical structures (if they were created from the light), so the planets are not created independent but related to each other geometrically.

S. Virgin Mary Assumption into Heaven.

Written in Cairo – Egypt

7th February 2018



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Planetary Fact Sheet - Metric

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

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

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1- Introduction

How to define The Solar Planet Orbital Distance?

There are 3 approaches to discuss this question,

- 1- Gravity Theory Answer
- 2- My Matter Creation Theory Answer
- 3- Solar Planets Data Answer

Let's discuss each approach in following

(I)

1st Approach: The Gravity Answer

The gravitation Equation

$$F = G \frac{m_1 m_2}{d^2}$$

tells us that, the Planet Orbital Distance (d^2) is defined based on the sun and the planet masses

Where **the sun mass is the same** in all planets equations, so we expected that,

The Solar Planets Order will be related to The Planets Masses Order

"Why Jupiter is NOT in place of Mercury or Pluto?"

The planet order shows no relationship to the previous equation

I discussed that in my previous paper

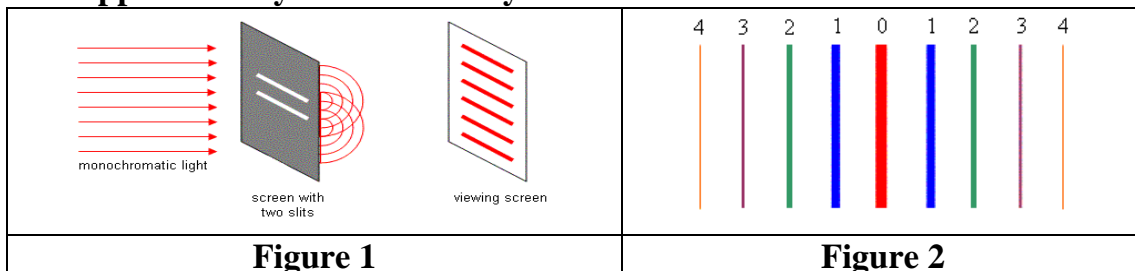
Solar Planets Order disproves the Gravity Theory"

<http://vixra.org/abs/1801.0114>

In facing such dilemma the discussion concludes another question about the gravity concept.

(II)

2nd Approach: My Matter Theory Answer



I claim the following

- **The Matter is made of light**
- Specifically, the matter is the bright fringes produced by light coherence in Young Experiment (I'll discuss This theory in point No. 5)

If this Hypothesis is true

- So, The Solar Planets should be ordered as the bright fringes

It's almost true

- Jupiter the greatest Planet is Planet No. 5 in order (almost the middle as red line No 0) and the Planets masses and diameters are decreased at his both sides regularly (Mars Exceptional)!
- But this gives us no **measurements**, ... So, it's insufficient definition

(III)

3rd Approach: Solar Planets Data

The Planet Data gives us more real picture ...

Part 1

$$\frac{\text{Mercury Orbital Circumference}}{\text{Mercury Venus Distance}} = \frac{\text{Mercury Earth Distance}}{\text{Earth Mars Distance}} = \frac{\text{Venus Orbital Distance}}{\text{Mercury Earth Distance}} = \frac{\text{Mercury Mars Distance}}{\text{Earth Orbital Distance}} = 1.16$$

We should note that, all previous distances are found between the inner planets i.e.

between **4 inner planets only** (Mercury- Venus- Earth – Mars)

all the distances between these 4 planets and the sun, in addition to the distances between these 4 planets themselves... **are 10 distances**

from **which 8 distances** are related to each other with the same rate **1.16**

can the gravity concept explain that? can any one tell this is pure coincidences?

If NOT, **what's the geometrical reason behind?**

Part 2

- Mercury Orbital Circumference x 2 = **Mercury Jupiter Distance**

(Mercury day = 2 Mercury Orbital period)

- Venus Orbital Circumference = **Venus Jupiter Distance**

- Earth Orbital Circumference = **Earth Jupiter Distance**

(Earth and Jupiter on different sides from the sun 778.2+149.6=940)

- Mars Orbital Circumference = **Saturn Orbital Distance**

Previous data tells us that,

- 3 inner planets, their Orbital Circumference = their distances to Jupiter!

- Mars defines his orbital circumference = Saturn orbital distance

Why? Please note these relationships also are related to **the inner planets**!?

Part 3

| The next multiplications produces Neptune Orbital Distance | Error |
|---|-------|
| Earth Venus distance 41.4 x Venus orbital distance 108.2 = 4475.5 | 0.4% |
| Mercury venus distance 50.3 x Mercury Earth distance 91.7 = 4612.5 | 2.5% |
| Mercury Orbital Distance 57.9 x Earth Mars distance 78.3 = 4533.5 | 0.8% |
| (Mercury Mars distance) ² = 2π *4597 | 2.2% |
| the inner planets distances multiplications produce Neptune Orbital Distance! Why? These also concerning the Inner Planets | |

It's hard to have all such relationships for 4 inner planets only by chance

Surely there's a geometrical reason behind, let's discover it in our discussion

This paper contains

- Point No. 3 : The Solar Planet Orbital Distance Discussion
- Point No.4 : Light Production Process
- Point No. 5 : Matter Creation Theory (Extension and Proves)
- Point No. 6 : Neptune Role in The Solar Group Motions
- Point No. 7 : Jupiter And Saturn are The Solar Group Origins

2- Research Methodology

I claim that, the solar planet geometrical structure and motion rules are found in his data, So the solar planet data is NOT just numbers

As in Pythagoras right triangle, the numbers (3, 4, 5) are Not just numbers

But show the Pythagoras geometrical rule ($5^2 = 4^2 + 3^2$)

For that reason I use the Planet data analysis But...

The Planet data analysis may provide alternative idea for planet motion! Which may change our vision toward the universe, let's see example for explanation

Example

Why the moon orbit apogee circumference = The Earth daily motion

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,
- So the difference is 0.17 mkm, which causes The Daily Actual Displacement For The Moon...
- The Actual Moon 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.

This may explain **Why the moon orbit circumference = Earth daily motion?**
(**Note**, The moon orbit regresses yearly 19 degrees independently from the moon motion- Metonic Cycle Facts)

So, the research methodology can be summarized in following:

- 1- I use NASA Planetary Fact Sheet – Metric – found in page No. 2 of my paper with its link.
- 2- I use the planets real data analysis to conclude the planet motion, geometrical structure and origin.
- 3- I suggest ideas to explain the data, extending our thinking beyond the current theories, seeking the Solar System true Geometry.
- 4- The most supported ideas I gather together to discover the True Solar System Geometry.

3- The Solar Planet Orbital Distance Discussion

- 3-1 Solar Planets Orbital Distances Definition
- 3-2 Newton Gravitation Equation
- 3-3 Curved And Straight Lines (The Discussion)

3-1 Solar Planets Orbital Distances Definition

We discuss here the 3rd Approach question, so let's provide the data here with extension...

3-1-1 The Rate 1.16 (Data Part No. 1)

| Table No. 1 | | All values in millions km | |
|-------------------------------|-------------|-------------------------------|-------|
| | x1.16 | | Error |
| Mercury Venus distance 50.3 | x1.16 | Mercury Orbital Distance 57.9 | - |
| Earth Mars distance 78.3 | x1.16 | Mercury Earth Distance 91.7 | - |
| Mercury Earth Distance 91.7 | x1.16 | Venus Orbital Distance 108.2 | 1.7% |
| Earth Orbital Distance 149.6 | x1.16 | Mercury Mars distance 170 | 2% |
| | | | |
| Mercury Orbital Distance 57.9 | $x(1.16)^2$ | Earth Mars distance 78.3 | - |
| Mercury Earth Distance 91.7 | $x(1.16)^2$ | Mars Venus Distance 119.7 | 3% |
| Mercury Mars distance 170 | $x(1.16)^2$ | Mars Orbital Distance 227.9 | - |
| | | | |

Venus Earth Distance (41.4 mkm) x 1.16 = 50.3 mkm (error 4.5%)

The previous distance is the last distance among all inner planets distances, which doesn't use the rate 1.16 as all other inner distances (10 distances)

What questions may we have here!

- 1- Why Venus Earth (41.4 mkm) doesn't use this same rate (1.16)?
- 2- **Why the distances use this rate 1.16?**
- 3- What's this rate 1.16?

I can't make analysis when the previous data are considered as "Pure Coincidences"... I mean this beautiful secret word which means "don't try to understand..!"

3-1-2 Jupiter and Saturn Relationships (Data Part No.2)

1. Mercury Orbital Circumference x 2 = **Mercury Jupiter Distance**
(Mercury day = 2 Mercury Orbital period)
2. Venus Orbital Circumference = **Venus Jupiter Distance**
3. Earth Orbital Circumference = **Earth Jupiter Distance**
(Earth and Jupiter on different sides from the sun $778.2+149.6=940$)
4. Mars Orbital Circumference = **Saturn Orbital Distance**
5. **Jupiter Saturn Circumference ($655.3 \times \pi$) = Jupiter Uranus Distance**
6. **Saturn Uranus Circumference ($1439 \times \pi$) = Saturn Pluto Distance**
= **Neptune Orbital Distance**

Let's ask again

How the Solar Planet Orbital Distance is defined?

How the gravity concept can explain the previous data?

Mercury, Venus and Earth orbital distances are defines to be equal their distances to Jupiter! Why?

Again we still work with the **inner planets only (4 planets!)**

What geometrical reason can be behind these relationships?

3-1-3 Saturn Orbital Distance

Saturn Orbital Distance 1433.5 m km=

$$\begin{aligned} &= 1433.5 \text{ m km Mars Orbital Circumference} \\ &= 1439 \text{ m km Saturn Uranus distance} \\ &= 2 \times 720 \text{ m km Mercury Jupiter Distance} \\ &= 0.5 \times 2872.5 \text{ Uranus Orbital Distance} \\ &= (1/\Pi) \times 4495.1 \text{ mkm Neptune orbital distance} \\ &= (1/\Pi) \times 4495.1 \text{ mkm Saturn Pluto distance} \end{aligned}$$

Note:

- Mercury Saturn distance = Neptune Pluto distance
- Saturn Neptune distance = Uranus Pluto distance (error 2%)
- Venus Uranus Circumference = 2 x Earth Neptune distance

Comment

I see from the previous data that,

**Saturn Orbital Distance Is The Measurement Unit Of The
Solar Outer Planets Orbital And Internal Distances**

**Neptune Orbital Distance Is The Circle Circumference In
Which Saturn Orbital Distance Is The Diameter**

I wish the reader sees easily the clear argument...

The planets orbital and internal distances are defined based on some geometrical reasons which we try to reach by our analysis

3-1-4 Neptune Orbital Distance 4495.1 million km (Data Part No.3)

| Table No. 2 All Values In Millions km | Error |
|--|-------|
| Earth Venus Distance 41.4 x Venus Orbital distance 108.2 = Neptune Orbital Distance | 0.4% |
| Mercury Venues distance 50.3x Mercury Earth distance 91.7=Neptune Orbital Distance | 2.5% |
| Mercury Orbital Distance 57.9x Earth Mars distance 78.3 = Neptune Orbital Distance | 0.8% |
| Earth Orbital distance x Mercury Orbital distance = 2 x Neptune Earth distance | 0 |
| (Mercury Mars distance 170) ² = Neptune Orbital Circumference | 2.2% |
| Shortly the internal distances multiplications between the inner planets almost produce Neptune Orbital Distance! Why? | |

Table No. 2 Comment

- Again We Deal With The Inner Planets Only
- 9 distances (of 10) are found in the inner solar planets, the multiplications of any 2 of them will produce the same product which is **Neptune orbital distance** (or circumference)

How that can be possible?
To understand what's going on....
We need to know

- **Neptune Orbital Circumference x $\pi = C^2$**

What does that means?

C is the light velocity = 0.3 million km /sec

What does mean a distance $d = c$?

That means,

This distance is a distance of 1 second of this velocity

i.e.

The distance which the light pass in 1 second is 300000 km

What's C^2 ?

The area of 300000 km

i.e.

(300000 km) = 90000 million km^2

This area can be also a distance again... how?

90000 million $km^2 =$ a distance 90000 million km with breadth 1 km

3-1-5 C² Value (Data Part No.4)

| Table No. 3 | | |
|--|------------------|--------------|
| C² = | | Error |
| = Neptune Orbital Circumference | x Π | 1.3% |
| = Saturn Orbital Circumference | x Π^2 | 1.2% |
| = Mars Orbital Circumference | x $2\Pi^3$ | |
| = Uranus Orbital distance | x Π^3 | |
| = Earth Orbital Circumference | x Π^4 | 1.1% |
| = Saturn Pluto distance | x $2\Pi^2$ | |
| = Mercury Jupiter distance | x $4\Pi^3$ | - |
| = Venus Orbital Circumference | x $\Pi^4(\Pi+1)$ | 2.8% |

Table No. 3 Comment

- I wish the reader will bear with me a while, because the data is huge and I need to show that I analyzed the solar planets orbital and internal distances almost completely and found many interesting data as the previous and next tables. of course I have theory to explain some of these data , but I need to complete showing the data before to explain the theory....So, please wait a while till finish the data analysis

- Please Remember that Neptune Orbital circumference x $\Pi = C^2$, that means table No. 2 will produce also C^2 let's provide them here again

1- Earth Venus Distance 41.4 x Venus Orbital distance 108.2 x $2\Pi^2 = C^2$

2- Mercury venues distance 50.3x Mercury Earth distance 91.7 x $2\Pi^2 = C^2$

3- Mercury Orbital Distance 57.9 x Earth Mars distance 78.3 x $2\Pi^2 = C^2$

4- (Mercury Mars distance 170)² = C^2

Please note

What do we learn from these relationships?

Let's answer with the gravitation Equation in following

3-2 –Newton Gravitation Equation

Basically we know the value C^2 from Lorentz Equation

$$m = \frac{m_0}{\sqrt{1 - \frac{v^2}{c^2}}}$$

So, there's some relationship between the mass and C^2
Table No. 3 tells us that, there's a relationship between the planet orbital distance and C^2

What does that mean?
Let's remember Newton Gravitation Equation..

$$F = G \frac{m_1 m_2}{R^2}$$

The Relationship between "m" and "d" is found based on C^2

This fact we concluded easily from the previous table No. 3 and mass Lorentz equation

So, "m" and "d" relationship doesn't depend on the gravity force!
i.e.

The Gravitation Equation Will Work For The Solar Planets Even Without The Gravity Forces!

But the question is

Why the solar planet orbital distance is relating to the value C^2 ?
(this question we should discuss in point no. 5 Matter Creation theory)

What conclusion we can get from the previous data

Clear Conclusions

- 1- we have expected that, **The Solar Planets Order In The Group Will Related To The Planets Masses**, because the sun mass is the same in all solar gravitational equations, **but we can't find this relationship**
- 2- the previous data tells us there's a relationship between the planet orbital distance and the value C^2 , and we know there's a relationship between mass and C^2 by Lorentz equation... **that tells us there's a relationship between the mass and distance regardless the gravity...**

The Data Provides Many Clear Questions Against The Gravity Concept

3-3 –Curved And Straight Lines (The Discussion)

How to define the curved and straight lines?!

From where this question is originated?

From the relationship between Saturn and Neptune orbital distances

Neptune Orbital Distance 4495.1 = Saturn Orbital Distance 1433.5 x Π

What does that mean?

Saturn Orbital Distance is the diameter of a circle whose circumference is Neptune Orbital Distance...

And why?

Let's remember Einstein lesson, he left the rock to drop from the moving train and told us he saw the rock dropped in straight trajectory but the people on platform saw the trajectory as parabolic

So, the straight and curved lines are defined based on the observer situation, as Einstein told us,

And why this is useful here?

Let's imagine the solar group as a bundling of many stories

Saturn is in 1st story but Neptune is in 2nd story because he used Π

Saturn is the moving train but Neptune is the platform,

They Are Found In 2 Different Levels, Why We Don't Consider The Solar Group Has Different Levels (Accurately Different Frames)

so we deceived our selves to accept the direct simple vision without analysis

we should extend this discussion in next point (Energy General Equation No. 4) but before in next sub-point 3-3-1 I provide all solar planets relationships which use Π or Π^2 between any 2 solar planet distances

3-3–1 Planets Distances Relationships depend on Π

I- Relationships with Π

1. Mercury Mars distance 170 m km $\times \Pi = 534.3$ mkm (Jupiter Mars Distance error 3%)
2. Mars orbital distance 227.9 m km $\times \Pi = 716.2$ mkm (Mercury Jupiter distance error less than 1%)
3. Venus Jupiter distance 670 m km $\times \Pi = 2105.7$ mkm (Jupiter Uranus less 1%)
4. Saturn orbital distance 1433.5 m km (= Saturn Uranus distance) $\times \Pi = 4495.1$ m km (Neptune Orbital Distance)
5. Mercury Saturn distance 1375 (= Neptune Pluto distance) $\times \Pi = 4320$ mkm Earth Neptune
6. Mars Saturn 1205.6 m km $\times \Pi = 3789$ (Jupiter Neptune error 1.9%)
7. Uranus orbital distance 2872.5 m km $\times \Pi = 9028$ m km (Saturn Orbital circumference = Neptune Orbital diameter)
8. Uranus Neptune 1622.8 m km $\times \Pi = 5100$ m km Jupiter Pluto

No other relationship depends on Π in the solar group

I- Relationships with Π^2

1. Earth Mars distance 78.3 m km $\times \Pi^2 = 778.2$ Jupiter Orbital distance
2. Earth Orbital distance 149.6m km $\times \Pi^2 = 1477.7$ mkm (Saturn orbital distance error 3%)
3. Uranus Orbital distance 2872.5m km $\times \Pi^2 =$ Neptune Orbital Circumference (no error)
4. Jupiter Neptune distance 3717 m km $\times \Pi^2 =$ Pluto orbital circumference (no error)

The previous relationships are all relationships found in the solar group
i.e.

no other relationship is found in the distances deepens on Π or Π^2

Comment

Not just the previous relationships, even all provided data push us to find suitable description for the solar group which we will discuss in the next point.

4- The Light Production Process

4-1 Light Production Equation

4-2 time and distance definitions

4-3 Masses distribution shows there's many frames in the solar group

4-4 The Description Using For Earth Motion

4-1 Light Production Equation

Let's remember our important equation in my paper

" Earth moves With Light Velocity Relative To The Sun"

(<http://vixra.org/abs/1709.0331>)

The Light production process is done based on the following equation

"Gerges F. Tawdrous Equation"

$$\frac{1}{4} C \times 4C = C^2$$

Where

- ❖ $1/4 C$: The planets velocities total relative to the sun
- ❖ $4C$: The High Velocity Of Light, I claim is found behind the Solar geometrical structure
- ❖ C^2 : The sun light source

Previous 3 Factors I found 2 different Times which confirm This Same Fact

Let's see that in following

I- Factor C^2

- We have found that C^2 is **the planet orbital distance source**, this fact we learnt from the previous tables data
- C^2 is the source of sun light as we have discussed in the old paper
- C^2 is related to mass according to lorentz equation

II- Factor $4 C$

- We have found this value 2 times let's see them

I- First Time

- We know 2 Jupiter diameters + 1 Saturn diameter = solar planets total diameter
- And we have found that 2 Jupiter diameter $\times (\Pi+1) =$ Saturn Circumference $\times \Pi = 4 C$ (error 2%)
- So the conclusion was, **The Solar Planet Diameters Are Created From This Value $4c$ And Behave In Place Of It**

II- In the table No. 1 of this paper

Let's see it again here

| Table No. 1 | | All values in millions km | |
|-------------------------------|-------------|-------------------------------|-------|
| | x1.16 | | Error |
| Mercury Venus distance 50.3 | x1.16 | Mercury Orbital Distance 57.9 | - |
| Earth Mars distance 78.3 | x1.16 | Mercury Earth Distance 91.7 | - |
| Mercury Earth Distance 91.7 | x1.16 | Venus Orbital Distance 108.2 | 1.7% |
| Earth Orbital Distance 149.6 | x1.16 | Mercury Mars distance 170 | 2% |
| | | | |
| Mercury Orbital Distance 57.9 | $x(1.16)^2$ | Earth Mars distance 78.3 | - |
| Mercury Earth Distance 91.7 | $x(1.16)^2$ | Mars Venus Distance 119.7 | 3% |
| Mercury Mars distance 170 | $x(1.16)^2$ | Mars Orbital Distance 227.9 | - |
| | | | |

Table No. 1 Discussion

Let's use one equation to explain what's going on

Mercury Venus Distance m km 50.3 x 1.16 = Mercury Orbital Distance 57.9 m km

What do we understand from that?

Let's suppose the following

The rate 1.16 is $4 C = 1.16$ million km / sec

So, the previous equation will be

50.3 seconds x 1.16 mkm /sec = 57.9 m km

What does that mean?

The time value in some frame works as a distance value in another frame because the solar group has many different frames

i.e.

there are planets move with light velocity relative to others which create different frames in the same group

The main conclusion:

The Distance For Us Is A Time For Another Distance

that may explain the data of Table No. 1

4-2 Time And Distance Definitions

The Matter Creation Theory (Point No. 5) will provide to us many good basics to help these explanations

Any way the previous example helps us to define the time and distance easily

The time is the distance But in different frame

That's why we found the values are very similar

For example

the Cycle 25920 years

it's cycle of period clearly

but see please

$0.3 \text{ m km/ sec (our light velocity) } \times 86400 \text{ seconds} = 25920 \text{ million km}$

Again there's no pure coincidence here

The using numbers are real data contain the real geometry

(as in Pythagoras triangle from the number 3, 4, 5 we can conclude the rule)

$$3^2 + 4^2 = 5^2$$

The distance is the time But in different frame

4-3 Masses distribution shows there's many frames in the solar group

The solar group total mass distribution gives us new vision about the Mass
Let's see that as following...

- The solar group total mass = $2667 * 10^{24}$ kg,
- This mass total is divided into 2 parts with rate 1: $(3.66)^2 = 200 : 2467$
- Value $2467 * 10^{24}$ kg is divided with rate 3/10 (Saturn Mass/Jupiter mass)
- **$200 * 10^{24}$ kg is separated into 2 equal parts 100 (Neptune Mass) + 100 (others mass)**
- $100 * 10^{24}$ kg is divided the total mass of (Uranus + Mercury + Venus + Earth+ the moon + Pluto) this value is distribution according to the following Equations..

$$\frac{Uranus - Mass}{Earth - Mass} = \frac{Venus - Mass}{Mercury - Mass} \quad (I)$$

From this distribution, we found that,

- $100 * 10^{24}$ kg (the rest after Neptune) is separated to 88 Uranus + 12 the rest
- **$12 * 10^{24}$ kg is separated into 2 equal parts 6 (Earth Mass) + 6 (total masses of Mercury + Venus+ Moon +Mars)**

What does that tell us?

The Earth mass = Four Inner Planets Masses Total! Why?

The Earth Is The Big Electron

- The Earth is the Big electron (her atom has positive nuclei and negative charges move around, which is truth) ...and
- The 4 Planets (Mercury, Venus, the moon and Mars) together form the Big Positron (their atoms have a negative nuclei and positive charges moves around- Hypothesis)
- This idea depends on Anderson Experiment, producing electron and positron from Gamma rays (1.2 Mev)
- Based on this description we may have attraction force between these five planets to use in place of the gravity...

The Solar System Geometry (Part I)

<http://vixra.org/abs/1509.0126>

General Conclusions

- Spite the process is unclear, but the masses separation into 2 equal parts remember us by pair production (electron and positron production from gamma rays by Anderson 1932), **which supports My Basic Hypothesis That The Matter Is Made Of Light**

If that's true

- So the light beams are separated 2 times at least, first time for Neptune and the second for the Earth, **That Tells Us The Solar Group Has 3 Different Frames At Least**
- **The Solar Planets Total Masses are Distributed According To The Whole Solar Geometrical Structure And Not As Property For Each Planet!**
- The previous discussion gives us a clear vision, that the Particle Mass is NOT a property of the particle,

In next point we'll discuss my matter creation theory to solve many problems we faced in our analysis

4-4 The Description Using For Earth Motion

I should use The Previous Description For The Earth Motion

- What we have learnt till now? There are at least 3 frames in the solar group! Let's use this idea
- Earth motion
 - Earth daily motion to create one day 86400 seconds
 - Earth yearly motion to create one day of the sun rate of time where the Sun Day Period = The Earth Year Period
This was the main hypothesis
" Earth moves With Light Velocity Relative To The Sun"
(<http://vixra.org/abs/1709.0331>)
 - Earth Axial Cycle 25920 years = $0.3 \text{ mkm /sec (c velocity) } \times 86400 \text{ seconds (this Cycle is a day also)}$

So,

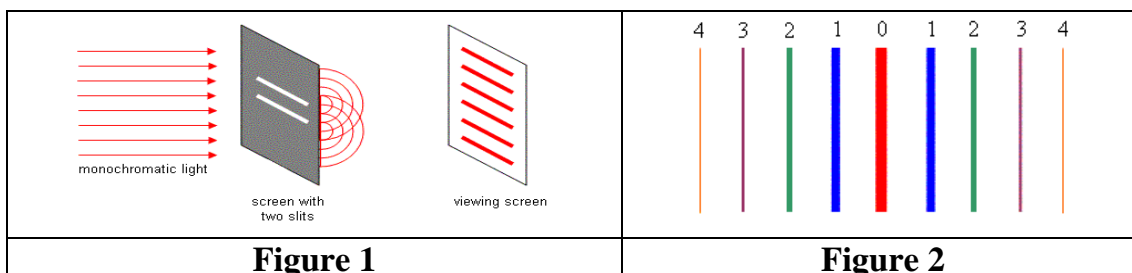
The Three Cycles Define The Same Day But In Different Frames

I wish the reader can see we may need new geometry to understand the solar system

5- Matter Creation Theory (Extension and Proves)

- 5-1 Matter Creation Theory
- 5-2 Solar Group General Description
- 5-3 The Theory Proves
- 5-4 Planets Geometrical relationships
- 5-5 Earth Loaded Velocity

5-1 Matter Creation Theory



I- Double Slit Experiment

- We know from the double Slit Experiment (Young Experiment), that 2 light beams may get coherence together, and the result will be bright and dark fringes
- that tells us there are 2 different types of light beams, the original light beams and the produced bright fringes
- The bright fringes thickness decreases regularly from the middle one at both sides (figure No. 2)

II- The Main Hypothesis

The Bright Fringes = The Solar Planets

(i.e. The Matter Is The Light)

III- The Theory Explanation

- What's the difference between the light and Matter?
 - o If a frame moves with light velocity relative to me, I'll see it as a light.
 - o If a frame moves with my velocity, I'll see it as a matter.

Actually, we see The Bright Fringes Only

- If a bright fringe moves with velocity (C) relative to me, I'll see it as a light (The sun light)
- If a bright fringe moves with my velocity I'll see it as matter

But why do we see the light as matter?

- Because "the Earth moves with light velocity relative to the sun" (<http://vixra.org/abs/1709.0331>)
- If Earth moves with light velocity relative to the sun, that means there are 2 frames at least in the solar group (frame moves with light velocity and the other moves slowly)

In all cases we can't see the original light beams...why?

- Because our bodies are matters and created as Bright fringes, So our 5 senses are limited to the Bright Fringes, and can't discover the original light beams
- That's why the light velocity is our universe highest Velocity (Special Theory of Relativity - main hypothesis-) because our senses can't discover any other kind of light beams **even if found in the universe**, and that's why we can't discover the original light beams, from which the bright fringes are produced.

IV- The Produced Matter Features

If The matter is the Bright Fringe we may conclude the following:

- The Matter should be changing with time because the matter (bright fringe) is produced based on light beams coherence process, which is an interactive process changes continuously (so this hypothesis explains the matter change feature)
- The Time is created with the matter production process (or the Bright fringes production process), because **the time is the matter changes measurement**, where the matter changes continuously.
- 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 from us 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)

V- The Theory Extension

- In pair production experiment Anderson produced electron and positron from Gamma rays (1.2 Mev), by this experiment we learnt how the matter can be produced from the light (electromagnetic waves)...
- The products are pair similar in masses and different in charges that learnt us, that there's some relationship between the products...
- Based on this knowledge we can explain why there are many geometrical relationships between the solar planets?
- Because the solar planets are created from the light with geometrical relationships between each other,
- The planets were created in pairs (as in pair production experiment), So they have geometrical relationships between each other (as I try to prove in the solar masses distribution 4-3)

5-2 Solar Group General Description

1. The solar planets are created based on a coherence between 2 light beams (Jupiter and Saturn), where these light beams have higher velocity = $4 C$ (specifically 1.16 million km)
2. The Coherence between these 2 light beams produced Bright Fringes and Dark Fringes according to Young Experiment
3. The Bright Fringes we see as Solar Planets, So the matter is created by light coherence (we see bright fringes as matters because Earth moves with light velocity relative to the sun <http://vixra.org/abs/1709.0331>)
4. The produced matter is created in motion, that means the solar planets are created in motions (regardless the motion reason)
5. The solar group are a group of motions conveyors, So the motions of all solar planets are depended on each other
6. **The solar group motions aim to create a difference in motion velocity = C between 2 points in the group.**
7. i.e. The Solar planets work as gear or conveyor, transfer the motion from point to another point, aiming to create a difference in motion velocity = C velocity. And that's happening where the solar group motions create a difference in velocities between the Earth and Sun motions = C (for that reason the sun is our source of light)
8. The solar group is **A Dipole System** has 2 heads the sun and the Earth
(Copernicus– Kepler Model Modification <http://vixra.org/abs/1711.0133>)
9. By producing light by the planets motions (i.e. by transferring the mechanical waves into light waves), the original source of light beams energy, from which the solar planets were created, will be conserved.
10. Because there's a difference in velocity = C between 2 points in the solar group (the sun and the Earth), we may conclude easily that, there's more than one frame in the solar group.

11. To create a difference of velocity (C) all solar planets should revolve around the dipole line (The Sun-Earth Line) in the same direction, enabling the velocities addition process to gather all motions in the same point...
12. Neptune is the meeting point of all solar planets orbital distances (solar planets motions) that causes the solar planets to revolve around the sun in the same direction, enabling the velocities addition process to be performed, leading to the sun creation. (details in Point No. 6)
13. The Produced Solar Planets will have relationships between their Geometrical structures, so the planets are not created independent from each other but related to each other geometrically

5-3- The Theory Proves

The Theory answer and explain the following questions and phenomena:

1st Question:

The Solar Planets Distribution corresponds to The Bright Fringes



As I referred in this paper introduction

- Jupiter the Most Great Planet (Fringe) is found in the Middle
- Both Ends have the smallest planets (Mercury and Pluto)
- Planets volumes and Masses decrease regularly at Jupiter both sides (as the bright fringes)
- Mars the Only Exceptional (Mars Discussion here "Solar Planets Order disproves Gravity Theory" <http://vixra.org/abs/1801.0114>)

2nd Question:

Why The particle has double Nature?

- There are at least 2 frames in the solar group, one frame moves with c velocity relative to me (the sun light beam) and the other moves with my velocity (the solar planet) ... So, when the particle moves in the first frame I'll see it as a wave (light) but when he moves in the second frame I'll see it as matter, so this theory explains the duality of nature ... "Particle Double Nature Reason"

<http://vixra.org/abs/1712.0398>

3rd Question:

Why The Light Velocity Is The Highest In The Universe?

This question I have answered in the theory explanation ... Shortly, our bodies matters (as all other matters) are made of the Bright Fringes, but the sun light also is the bright fringes both of them, the same player,

- I see the bright fringe as matter because there's no velocity difference between both motions = C And
- The bright fringe is seen as light because there's a difference in velocity = C
- Our bodies connected always by the bright fingers from which we are created, So our 5 senses can't discover any other kind of light including the original light beams from which the bright fringes are created (confirming the Special theory of relativity Hypothesis"

Even if there's light higher velocity, we can't discover it

4th Question:

Why the experiment and observation are insufficient tools to discover the whole universe?

- Because our bodies are matters as any other matters (=the bright fringes), and our 5 senses are limited to this light velocity and nature (the bright fringes velocity and nature), so we can't discover or realize the original light beams from which these bright fringes are produced, means out 5 senses are limited and can't see the whole universe,

i.e.

- Part Of Universe Data Is Absent From Our 5 Senses, So The Solar Planets Data Analysis Is The Observation Necessary Complementary.
- I use The solar Planets Data analysis and claim that Techo Brya and Kepler used it.

5th Question:

How The Time is Created?

- The Time is created with the matter production process (or the Bright fringes production process), because the time is the matter changes measurement, where the matter changes continuously.

6th Question:

Is there a velocity higher than light velocity C?

Yes there's a velocity = 4 C (Specifically = 1.16 million km / sec)

This is the original light beam velocity, but we can't realize it by our 5 senses because we are connected to the bright fringes (we will discuss light beam velocity with Neptune Role in next point "Point No. 4")

7th Question:

Why does the matter change continuously?

Because the matter (which is bright fringe) is produced from light beams coherence, which is an interactive process changes continuously

8th Question

Why does the time change with light velocity based on lorentz equation?

$$t = \frac{t_0}{\sqrt{1 - \frac{v^2}{C^2}}}$$

Because the time is produced with the light from the same process

The time is the matter changes measurement

But the matter = light where the vision depends on the observer situation i.e. the light, matter and time all were created from the same process which means each of them is related to the others by nature and origin ...

5- 4 Planets Geometrical relationships

In following I try to show the geometrical relationships between the planets which can help us to conclude that, these planets were not created independent from each other but created related to each other geometrically through the next examples

Example No. 1

| Table No.4 | | No Error More Than 1.5% |
|--|---|--------------------------------|
| The Relationship | | The Rate |
| Earth Diameter / Venus Diameter | = | A |
| = Mars Diameter / Earth Radius | = | |
| Mars Diameter / Venus Radius | = | A ² |
| = 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 | = | |
| = Mercury Circumference / Earth Diameter | = | |
| = Earth Diameter / Moon Circumference | = | |
| = Uranus Radius / Mars Circumference | = | |
| = Jupiter Diameter / Saturn Diameter | = | |
| = Saturn diameter / Uranus Diameter | = | |
| Venus Radius / Mercury Diameter | = | A ⁴ |
| = Uranus Diameter / Earth Circumference | = | |
| Uranus Diameter / Venus Circumference | = | A ⁵ |
| Jupiter Radius / Uranus Diameter | = | A ⁶ |
| = Mercury Diameter / Moon Diameter | = | |
| = Mars Diameter / Mercury Diameter | = | |

Table No. 4 Explanation

- For example, the Relationships = A^3 are 6 Relationships.... The table tells us these 6 relationships are equal each other and all of them = A^3 .
- We should note also that the table relationships use the same root ($A = 1.053866$), but this value is powered by different powers (1,2,3,4,5,6...)
- The current theory tells us that a big star was following the sun and exploded, then his material by the gravity forces became the solar planets...! i.e. the solar planets diameters are created independent from each other ...
 - **So 19 Geometrical Relationships In Table No. 4 are Pure Coincidences!!**

- **It's Not True, these are real geometrical relationships**

- **The Solar Planets are Created Depending On Each Other Geometrically.**

Example No. 2

We should remember the following equations

(Note Please: Equation No. 1 is the reason why the total solar eclipse can be occurred)

1-

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

2-

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

3-

$$\frac{\text{Earth Diameter}}{\text{Mars Diameter}} = \frac{\text{Mars Diameter}}{\text{Moon Diameter}} = \frac{\text{Earth Orbital Distance}}{\text{Earth Mars Distance}} = \frac{\text{Mars Orbital Period}}{\text{Earth Orbital Period}} = 1.9$$

(1.9 degree is Mars orbital inclination)

4-

$$\frac{\text{Earth Diameter}}{\text{Moon Diameter}} = \frac{\text{Moon Diameter}}{\pi D} = \frac{\text{The Sun Diameter}}{\text{Earth Moon Distance}} = \frac{\text{Uranus Orbital Distance}}{\text{Jupiter Orbital Distance}}$$

(D= covered distance by total solar eclipse shadow = 304 km)

5-

$$\frac{\text{Earth orbital distance}}{\text{Earth diameter}} = \frac{\text{Earth Mars distance}}{\text{Mars diameter}} = \frac{\text{Mercury orbital distance}}{\text{Mercury diameter}} = \frac{\text{Saturn orbital distance}}{\text{Satrun diameter}}$$

(Average Error 1.5%)

These all data prove that,

There Are Geometrical Relationships Between The Solar Diameters

If we put this information beside the pair production experiment (electron and positron production) we can easily conclude that,

This Universe Is Made Basically From The Light

5-5 Earth Loaded Velocity

Does Earth move with Light velocity Relative to the sun? (let's review the idea here again)

We know that, Earth moves with her actual velocity 29.8km/ secBut I suggest the following:

- 1- **The planets velocities can be added together to effect all of them together in one point only (this point is the sun)**

The previous idea is similar to any gears group, where one gear load his motion on another gear.... I don't examine the mechanism where the planets are Not gears and the mechanism is not clear But I used the planet real velocities and directions... add them together (because all planets revolve around the sun in the same direction), then I found the following:

- **The Solar Planets Total Velocities = 17.6 Million Km /Day**
- 2- **I supposed the sun has a different time rate from the Earth (i.e. 1 year of Earth = 1 day of the sun)**

The Previous Idea I got from the Equation

Moon Circumference * 86400 second = Earth Orbital circumference

The equation tells us if Earth revolves around the sun a complete revolution in one day so the moon circumference will = 1 second of motion

So the Earth Day = 237 seconds of the sun day

- **Total Velocity = 17.6 million km / 237 seconds = 0.25 C (Light Velocity)**

- 3- **I supposed the solar group is created from 2 Light Beams, each velocity = 4C (2 light beams are Jupiter and Saturn)**

(Earth moves by C relative to the sun" (<http://vixra.org/abs/1709.0331>)

means the matter of solar planets are light beams its velocity = 4 C

So, if the planets move with velocity 0.25 C, the real velocity should be as following

Gerges F. Tawdrous Equation"

$$\frac{1}{4} C \times 4C = C^2$$

Where

- ❖ $1/4 C$: The planets velocities total relative to the sun
- ❖ $4C$: The High Velocity Of Light, I claim is found behind the Solar geometrical structure
- ❖ C^2 : The sun light source

Earth moves with light velocity relative to the sun

<http://vixra.org/abs/1709.0331>

Copernicus-Kepler Model Modification

<http://vixra.org/abs/1711.0133>

6- Neptune Role in The Solar Group Motion

6-1 The Main Idea

6-2 Neptune Earth Relationship

6-1 The Main Idea

- The solar planets originated from Jupiter and Saturn
- The unclear process by which Jupiter and Saturn produce the solar planets, created 2 lines in the solar group..
- For that reason we found Mercury, Venus and Earth defines their orbital distances equal to their distances to Jupiter, but Mars defines by Saturn Orbital Distance...
- 2 lines in the solar group can't guarantee the motion unified direction
- **So, these 2 lines gather together in Neptune Position, to guarantee the motion direction unification**
- **For that reason all solar planets revolve around the sun in the same direction,**
- We can only add the solar planets velocities together if all planets revolve around the sun in the same direction,
- Only because of that the total solar planets velocities can reach to the value $1/4 C$ which is the required value to produce the Value C^2 which is the sun source of light

For more details please read

"The Earth Moves With Light Velocity Relative To The Sun"

<http://vixra.org/abs/1709.0331>

6-2 Neptune Earth Relationship

6-2-1 Earth Axial tilt

Earth Axial tilt has a cycle of 25920 years....
It's a time very clear before all of us

- 25920 million km = 86400 second x 0.3 million km /sec
- 25920 million km = Solar Planets velocities daily total (17.7 mkm) x 1461 days (Earth 4 years cycle)
- Mars Uranus distance x π^2 = 25920 million
- Earth Mars Distance x π^2 = Jupiter Orbital Distance
- Jupiter diameter x π^2 = The Sun diameter
- Venus Diameter x π^2 = Saturn diameter

I use similar calculations to show that such calculation is used in the solar group which means it's part of the solar group geometry even if I don't understand how it works...

I want to say

The period and distance are used in place of each other

Means the distance in some frame works as time in another frame

This process is found because of 2 reasons

- 1- There are at least 2 frames in the solar group (Earth velocity frame = C and the sun velocity frame = less than C velocity)
- 2- There's a higher velocity = 1.16 million km / sec in the solar group

For that reason the time in some frame works as distance in another

This idea can explain the previous calculations

In one of my old papers I claim that each cycle in the solar system has a distance relating to it and effect on each other

Time and distance definitions in the solar system (January 2015)

<http://vixra.org/abs/1509.0241>

But now I think the time and distance are the same player but in different frames, this point still need more investigation...

6-2-2 Neptune Relationship with the Earth Axial tilt

(I)

- Earth Axial tilt Cycle is 25920 years
- Neptune Orbital Circumference 28255 million km

Is it possible for Neptune Orbital Circumference to be The Cycle 25920?!

Yes !!

- We know the distance in some frame can work as time in another
- We know because of Earth motion by light velocity relative to the sun, there's a contraction phenomena (lorentz contraction) we have found in the solar group with rate 7.25%

So

- 28255 million km with reduction by 7.25 % will be 26206.5 which can equal 25920 million km with error (1.1%)

- That tells us Neptune is the hiding player which defines the Earth axial tilt, we should notice that the Earth axial tilt is very important player in the sun creation process, where the light velocity is defined based on the sun time rate which is created by the earth motion (1 days of the sun = 1 years of the Earth), means the Earth create this time rate by which the solar planets velocities addition will be changed from 17.7 million km / day to be 17.7 million km /237 seconds which will be produce the required value 0.25 C (quarter of light velocity), that's why the sun and Earth consist the dipole of The Solar Group.

(II)

Also

Earth Axial tilt = 23.45 degrees (on horizontal level)

Will be 113.45 degrees (on vertical level)

113.45 degrees / 4 (Earth 4 years Cycle) = 28.3 degrees (Neptune axial Tilt)

(III)

$(25920 \times \pi) / 0.3 \text{ mkm (C light velocity)} = 4320 \text{ million km (Neptune Earth Distance)} \times 63.7 \text{ degrees (sun inclination)}$

(IV)

$25920 / 1.8 \text{ (Neptune Orbital inclination)} = 14400$

$25920 / 1.8^2 = 8000$

$25920 / 1.8^5 = 1375$

(Neptune Pluto distance = 1375 million km)

7- Jupiter And Saturn Are The Solar Group Origin

7-1 Jupiter and Saturn were created from 2 light beams, each velocity = 4 C (1.2 m km/sec)

7-2 The Solar group geometrical structure is created Based on Jupiter and Saturn

7-3 The Equations Discussion

7-4 The Moon orbit relationship with Jupiter & Saturn

7-5 The General Discussion

7-6 The Saturn and Jupiter relationship (closed relationship)

7-1 Jupiter and Saturn were created from 2 light beams, each velocity = 4 C (1.2 m km/sec)

Let's summarize the main idea here

"Jupiter and Saturn are created from 2 light beams each velocity = 4C, then Jupiter & Saturn produced the rest planets...this is the main idea... but means.. that the basics light beams = Jupiter + Saturn = all solar planets geometrical structure.. to complete the cycle and conserve the energy"

$$\diamond \frac{\text{Saturn - Circumference}}{2 * \text{Jupiter - Diameter}} = \frac{\pi}{\pi + 1} \quad (\text{Eq No. 1})$$

i.e.

$$\text{Saturn circumference} \times \pi = 2 \times \text{Jupiter diameter} (\pi + 1) = 4c$$

Of course this is the equation on which the 4C velocity idea is built.

But let's take a look at another important equation...

$$\diamond 1 \text{ Saturn Diameter} + 2 \text{ Jupiter diameters} = \text{the solar group planets diameters total} = \text{the distance between Earth and Moon (Apogee point)}. \quad (\text{Eq. No.2})$$

If we think a little we'll find that there are 2 Jupiter diameters in both equations, What meaning we can get from these 2 equations...?

I think the equations suggest the following meaning

"2 light beams– with high velocities 4C – created Jupiter and Saturn diameters, where Jupiter with Saturn created the other solar planets using specific geometrical rules "

In next item we'll discuss the solar geometrical structure and his creation from Jupiter & Saturn,

Who claims that, the equations and relationships aren't real and just pure coincidences will enjoy our next hard discussion...

7-2 The Solar group geometrical structure is created Based on Jupiter and Saturn

I have 12 equations express the relationships between Jupiter and Saturn, let's write them in following

$$\diamond \frac{\text{Saturn} - \text{Circumference}}{2 * \text{Jupiter} - \text{Diameter}} = \frac{\pi}{\pi + 1} \quad (\text{Eq No. 1})$$

$$\diamond 1 \text{ Saturn Diameter} + 2 \text{ Jupiter diameters} = \text{the solar group planets diameters total} = \text{the distance between Earth and Moon (Apogee point)}. \quad (\text{Eq. No.2})$$

$$\diamond 2 \text{ Jupiter Circumferences} - 1 \text{ Jupiter diameter} = 2 \text{ Saturn Circumference} \quad (\text{Eq. No.3})$$

$$\diamond \text{Saturn Circumference} = \text{the distance between Earth and Moon (total solar eclipse point)} \quad (\text{Eq. No.4})$$

$$\diamond \text{Jupiter Circumference} - \text{Apogee point radius} = \text{Apogee point radius} - \text{Perigee point radius}. \quad (\text{Eq. No. 5})$$

Pythagoras theory relationships...

$$\diamond \text{The distance between Earth and Moon (Apogee point)} = \sqrt{(\text{Jupiter} - \text{diameter})^2 + (\text{Saturn} - \text{Circumference})^2} \quad (\text{Eq. No. 6})$$

$$\diamond \text{Saturn} - \text{Circumference} = 2 \times \sqrt{(\text{Jupiter} - \text{diameter})^2 + (\text{Saturn} - \text{diameter})^2} \quad (\text{Eq. No.7})$$

$$\diamond \text{Saturn} - \text{Circumference} = \sqrt{(\text{Perigee} - \text{radius})^2 + (86000)^2} \quad (\text{Eq. No.8})^1$$

$$\diamond \text{Saturn} - \text{Diameter} = \sqrt{(86000)^2 + (86000)^2} \quad (\text{Eq. No.9})$$

$$\diamond \text{Jupiter} - \text{Diameter} = 2 \times \sqrt{(\text{Uranus diameter})^2 + (\text{Neptune diameter})^2} \quad (\text{Eq. No.10})$$

$$\diamond \text{Uranus Diameter} = \sqrt{(\text{Neptune diameter})^2 + (\text{Earth diameter})^2} \quad (\text{Eq. No.11})$$

$$\diamond \frac{\text{Sun} - \text{diameter}}{\text{Earth} - \text{Moon} - \text{distance}} = \frac{\text{Earth} - \text{diameter}}{\text{Moon} - \text{diameter}} = \frac{\text{Jupiter} - \text{Circumference}}{\text{Saturn} - \text{diameter}} = 3.66 \quad (\text{Eq. No. 12})$$

¹ - The value 86000 km we will discuss perfectly in point No. 4 of this paper

7-3 The Equations Discussion

The previous equations tell us many information, but let's discuss just one of them...

Eq. No. 3

❖ $2 \text{ Jupiter Circumferences} - 1 \text{ Jupiter diameter} = 2 \text{ Saturn Circumference}$

This equation almost tell us that,
Saturn diameter is defined based on Jupiter diameter..! why? And How?

How the planet diameter is created? What rules control this process? We don't know, We have no such rules? And no one can explain why any planet diameter has any value!!

Just because many equations use 2 diameters or circumferences of Jupiter, I feel the important equation (Rq. No. 2) gets some support!

❖ $1 \text{ Saturn Diameter} + 2 \text{ Jupiter diameters} = \text{the solar group planets diameters total} = \text{the distance between Earth and Moon (Apogee point)}$.

to see the relationship between Jupiter and Saturn more clear, we should discuss the moon orbit...

Let's try to do that

7-4 The Moon orbit relationship with Jupiter & Saturn

The moon has 3 specific points in his motion orbit, which are:

- ❖ **Perigee Point:** the nearest point to the Earth at distance 363000 km
- ❖ **Total Solar Eclipse Point,** at distance 378827.4 km
(= Saturn circumference)
- ❖ **Apogee Point:** the farthest point from the Earth at distance 406000 km

And I add

- ❖ **Jupiter circumference point:** at distance 449378 km
 - The distance from Jupiter circumference point to perigee = 86000km
 - The distance from Jupiter circumference point to Apogee = 43000 km

Why I added Jupiter Circumference point?

I learnt that from the moon orbit,

Saturn circumference= The total solar eclipse point, which is important point in the moon orbit...

And

We have seen, there's a strong relationship between Jupiter & Saturn,

So I supposed that..

May Jupiter Circumference also = some important point in the moon orbit!

But what I got from this supposition?

I got 3 equations as following

- ❖ **Jupiter Circumference – Apogee point radius = Apogee point radius – Perigee point radius..** (Eq. No. 5)

In this equation we see that, the distance between Jupiter circumference point to apogee point = 43000 km and the distance from apogee point to perigee point = 43000 km!

i.e. Apogee point is in the middle point between Jupiter Circumference point and perigee point!

i.e.

distance from perigee to Jupiter circumference = 43000+43000 = 86000 km

- ❖ **$Saturn - Circumference = \sqrt{(Perigee - radius)^2 + (86000)^2}$** (Eq. No.8)

Eq. No. 8 tells us that, the total solar eclipse point (= Saturn circumference)

Is the right triangle hypotenuse whose sides are perigee radius and distance 86000 km

That means the Total Solar point is defined by Pythagoras theory based on this distance (86000km)... Means my supposition was somehow right!

❖ $Saturn - Diameter = \sqrt[3]{(86000)^2 + (86000)^2}$ **(Eq. No.9)**

This equation is a miracle!

How that can be possible...

Let's accept that, the Jupiter circumference point is real and effective in the moon orbit...

Let's accept that, the distance between this point and perigee (this distance =86000 km) is very important for the geometrical structure....!

Even if we accept the previous ideas! How can we understand that, Saturn diameter is defined based on this distance (86000)?!

It's very hard to understand...

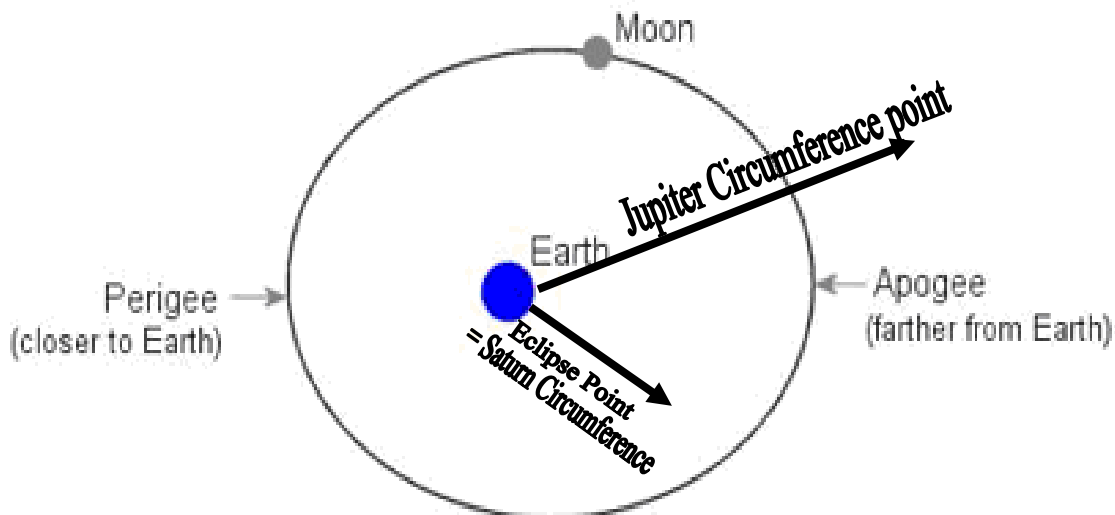
Of course I can suggest an idea to solve this problem, but this isn't useful, we need to extend our thinking to understand the solar geometry....

For that we should discuss the hard Equation No. 4

❖ Saturn Circumference = the distance between Earth and Moon (total solar eclipse point) **(Eq. No.4)**

To see how that can be possible for a planet circumference to be a distance

Before this studying we need just to refer one little puzzle before



7-4-1 The Moon orbit points are defined by Pythagoras theory

Let's remember

The moon orbit has 3 basic points, all of them are defined by Pythagoras theory

Let's be sure of that....

❖ **Perigee Point:** the nearest point to the Earth at distance 363000 km

❖ **Total Solar Eclipse Point,** at distance 378827.4 km
(= Saturn circumference)

$$\text{Saturn} - \text{Circumference} = 2 \times \sqrt[2]{(\text{Jupiter} - \text{diameter})^2 + (\text{Saturn} - \text{diameter})^2} \quad (\text{Eq. No.7})$$

❖ **Apogee Point:** the farthest point from the Earth at distance 406000 km

$$\text{The distance between Earth and Moon (Apogee point)} = \sqrt[2]{(\text{Jupiter} - \text{diameter})^2 + (\text{Saturn} - \text{Circumference})^2} \quad (\text{Eq. No. 6})$$

And Also

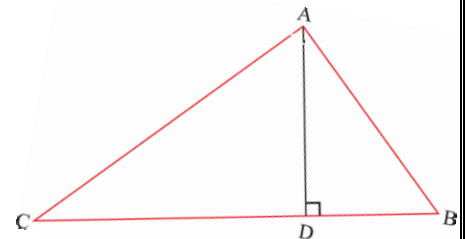
$$\text{The distance between Earth and Moon (Apogee point)} = \sqrt[2]{(\text{perigee})^2 + 1/2(\text{Saturn} - \text{Circumference})^2} \quad (\text{Eq. No13})$$

These equations no 6, 7 and 13 tell us that, the total solar eclipse & Apogee points are defined by Pythagoras theory based on perigee radius as one side of the right-angle triangle, with change the other side...

That means the moon motion points are defined based on the geometrical structure and not based on the gravity, as we thought before...

Let's see one more triangle to finish this sub-point

- ❖ 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 (Eq. No.4)

7-5 The General Discussion

Let's discuss the following equation (No. 4)

❖ **Saturn Circumference = the distance between Earth and Moon (total solar eclipse point)** (Eq. No.4)

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 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 (please review 3-5)

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

(the previous idea is the main explanation for the matter creation)

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

Let's provide here more puzzles concerning the moon orbit

- the Moon orbit relationship with the solar planets diameters
- the Earth Velocity

7-5-1 The moon orbit relationship with the solar planets diameters

We should remember Equation No. 2

- ❖ 1 Saturn Diameter + 2 Jupiter diameters = the solar group planets diameters total = **The distance between Earth and Moon** (Apogee point). (Eq. No.2)
- ❖ The moon orbital Perigee radius 363000 km = the outer planets diameters total
- ❖ The orbital distance from perigee to Apogee 43000 km = the inner planets diameters total.

Why such relationships are found?

No qualified geometry we have to answer such hard question

The following puzzle will give us more extension of thinking, that may help us to see much better

7-5-2 The Earth Velocity

Earth moves daily a distance = 2.58 mkm

By such velocity (2.58 mkm /daily) the Earth needs 58.4 days to cover her orbital distance to the sun!

Let's write that in equation

$$2.58 \text{ mkm / daily} * 58.4 \text{ days} = 150.6 \text{ mkm} \quad (\text{I})$$

(149.6 mkm, the registered earth orbital distance)

Why the Earth velocity covers her orbital distance during **this period**?

Let's see ...

The Total Solar Eclipse

At total solar eclipse, the moon must be near to the Earth, exactly must be at radius = **372380 km**

Now we have interesting data

This moon orbit radius $2\pi * 372380 = 58.4 * \text{Earth Circumference!}$ i.e.

Moon Orbital circumference at total solar eclipse = 58.4 * Earth Circumference (II)

What we may learn from these 2 equations No. I & II ?

Let's use very simple geometry to understand

Suppose this Moon orbit is a disk or a Gear

And the Earth circumference is another disk or Gear!

What will happen?

When the moon orbit rotates one rotation (the big gear rotates), that will cause the Earth to rotates 58.4 times around here axis!

But the Earth rotation is one day for us...!

That means

One rotation of the moon orbit will cause the Earth to rotates 58.4 rotations (days!) The Earth moves daily a distance = 2.58 mkmSo

If the moon orbit rotates one time only

He will cause the earth to rotates 58.4 times and moves a distance = her orbital distance!

This simple explanation can't be interesting if there's no harmony ...the point is

The Golden Lunar Orbit Whose Circumference = The Days Which The Earth Needs To Cover Her Orbital Distance By The Velocity Which No Factor Here May Effect On!!

The last 2 sub-points aimed to motive us to extend our thinking trying to understand the solar geometry, let's return to Jupiter & Saturn relationship

7-6 The Saturn and Jupiter relationship (closed relationship)

$$\diamond \frac{\text{Saturn - Circumference}}{2 * \text{Jupiter - Diameter}} = \frac{\pi}{\pi + 1} \quad (\text{Eq No. 1})$$

❖ 1 Saturn Diameter + 2 Jupiter diameters = the solar group planets diameters total = the distance between Earth and Moon (Apogee point). (Eq. No.2)

❖ 2 Jupiter Circumferences – 1 Jupiter diameter = 2 Saturn Circumference (Eq. No.3)

$$\diamond \text{Saturn - Circumference} = 2 \times \sqrt{(\text{Jupiter - diameter})^2 + (\text{Saturn - diameter})^2} \quad (\text{Eq. No.8})$$

The previous relationships give us strong impression

It's closed relationship

Simply Jupiter defines Saturn diameter & circumference (Eq. No.3) !

We have studied Equation No. 1

Saturn circumference x π = 2 Jupiter ($\pi+1$) = 4 C (1.2 m km/sec)

And we have said that, the value "2 Jupiter diameter" is necessary because the solar group diameters total = 2 Jupiter diameter + 1 Saturn diameter, and by such way the Eq. No. 1 expresses the whole solar group....

So, Eq. NO. 1 expresses the whole solar group means the value 4 C is found behind the whole solar group Geometry

It's not clear yet the geometrical relationship between Jupiter and Saturn, this point needs more research

But we know from the previous equations that

Both of them are born from the light beams whose velocity is 4 C

Then Saturn & Jupiter give birth to the solar group rest planets..

But as we have seen before

The matter (geometrical structure) can be a light in another frame, so the solar geometrical structure behaves as a high light velocity, as we have seen in the Main Equation

Gerges F. Tawdrous Equation"

$$\frac{1}{4} C \times 4C = C^2$$

Where

- ❖ 1/4 C : The planets velocities total relative to the sun
- ❖ 4C : The High Velocity Of Light, I claim is found behind the Solar geometrical structure
- ❖ C² : The sun light source

Earth moves with light velocity relative to the sun

<http://vixra.org/abs/1709.0331>

7-6-1 Jupiter & Saturn have relationships with the sun and moon

One more important remark

- Jupiter Circumference $\times \Pi =$ The Sun Diameter (Eq. A)
- Saturn Circumference = The Moon orbit radius at the total solar eclipse point. (Eq. No. 4)

It's new remarkable notice

Jupiter defines the sun diameter where Saturn defines the moon orbit radius!

What's the useful information here?

We understand that the sun in the sky, is created by the light beams send from the Earth

So, the sun actually created by the planets motions energies

Actually the Relationship between Jupiter and Saturn needs more research to answer such questions.

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"

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

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

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

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



Some interests we got by 2737 Egyptian phenomenon:

- ❖ *First* we know that the Pyramids builders recognized the different astronomic cycles, and especially 2737 phenomenon, for that they built just 3 pyramids at its parallel line.
- ❖ *Second*, we know that the Pyramids builders knew the relative distances between the planets and built the pyramids at their rates!
- ❖ *Third* where the 2737 phenomenon repeated on 3rd December 2012 for the third time, so the Number 8211 years is important number for human life or at least for the pyramids age.
- ❖ *Fourth*, I may claim that the Pyramids builders built the three Pyramids specifically for the 2737 Egyptian phenomenon.
- ❖ *Note*: The Great Pyramid Height is 5776 Egyptian inches = the distance between the Sun & Pluto (each inch = 1 million kilometer)

1ST SECTION

Why the Lunar year doesn't correspond with the sidereal year at any cycle?²

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 year³

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

² - the day defines here approximately 86164 seconds where the sidereal year is 365.25 days.

³ - Total Solar Eclipses and how to Observe them- Martin Mobberley- page. 11

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

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 |

IN THE ALMIGHTY GOD NAME
Through the Mother of God mediation

I do this research

| | | | | |
|-------------|----------|----|---|--|
| M. Cycle 26 | 494 S. Y | 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= 529 L. Y +11.0558d | 520 BLY+173.25d |
| 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 |

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 find 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 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..

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

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

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

So Both connected with Great Relation

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

The Second question about the minus day

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

So each 2736 Sidereal years we have -1 day

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

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

A comment on

The Egyptian Astronomic Phenomenon 2737

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

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

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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
- Translation, Proofreading, and Editing.
- The rate around 3500 words daily

SERVICES

**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



Фамилия, имя, отчество

Гергес Фрэнсис Тавдрус ГергесДата 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

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





ЗАЧЕТНАЯ КНИЖКА № 1032104509

Государственное образовательное учреждение
высшего профессионального образования
Российский университет дружбы народов

Гергес Франсис Тавдарус Гергес

(фамилия, имя, отчество)

Египет

(Гражданство)

Физ.-мат.

(факультет)

НФ6+Д

(Специальность)

243/Н от 20.10.2010

(№ и дата приказа о зачислении)

Личная подпись
студента
01.11.2010
Дата выдачи
зачетной книжки

(Signature)
(Проректор)

(Signature)
(Декан факультета)



Все студенты обязаны сдавать экзамены за полный курс каждого предмета, вошедшего в учебные планы, а также сдавать зачеты по практическим работам после того, как данный курс прослушан студентом полностью.

Каждому студенту выдается единый студенческий билет и единая зачетная книжка. В зачетную книжку заносятся все предметы, обязательные для прохождения, оценки по экзаменам и зачетам.

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

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

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

ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ОБРАЗОВАНИЮ



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

СЕРТИФИКАТ

О ПОДГОТОВКЕ К ПОСТУПЛЕНИЮ В ВУЗ
(ПРЕДВУЗОВСКОЙ ПОДГОТОВКЕ)

Настоящий сертификат выдан в том, что

Гергес Фрэнсис Тавдроус Гергес

(*Gerges Francis Tawdrous Gerges*)

Гражданство, дата рождения

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 (1770)

Ректор

 Р. Г. Стронгин

ЛИЦЕНЗИЯ Сер. № Л 268-40-010-01-000000-01 от 21 января 2008 года
ФЕДЕРАЛЬНАЯ СЛУЖБА ПО НАДЗОРУ В СФЕРЕ ОБРАЗОВАНИЯ И НАУКИ

Рег. №

670

"24" июня 2008 г.



г. Нижний Новгород

зам. декана
Д. В. Б...

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

IELTS™

Test Report Form

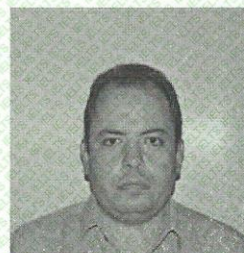
ACADEMIC

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 Date Candidate Number

Candidate Details

Family Name
First Name
Candidate ID



Date of Birth Sex (M/F) Scheme Code
Country or Region of Origin
Country of Nationality
First Language

Test Results

Listening Reading Writing Speaking Overall Band Score CEFR Level

Administrator Comments

Centre stamp



Validation stamp



Administrator's
Signature

Date

Test Report Form
Number



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

Gerges Francis Tawadrous/

59

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

mrwaheid1@yahoo.com mrwaheid@gmail.com

+201022532292



GOETHE-INSTITUT
KAIRO/ALEXANDRIA
المركز الثقافي الألماني

قسم اللغة في كairo Sprachabteilung in Kairo

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

Teilnahmebescheinigung

Hiermit wird bestätigt, dass

Herr Gerges Francis Tawdrous,

geb. am 09.10.1974 in Kairo/Ägypten,

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

Deutschkurs der Niveaustufe B2

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

teilgenommen hat.

Das Niveau des Kurses entspricht 600 Stunden Deutschunterricht.

Kairo, den 08.01.2007

Leiterin der Spracharbeit



www.goethe.de/cairo

Author Other Papers

I- The Holy Bible Studies

The Tabernacle Geometrical Structure

<http://vixra.org/pdf/1701.0344v1.pdf>

II- The Physics & Astronomy Studies

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

The Time And Distance Definitions In The Solar System

<http://vixra.org/abs/1509.0241>

The Solar Eclipse Geometry Basics

<http://vixra.org/abs/1509.0276>

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

The Mars Data Analysis Proves the Rest Mass Concept is Unreal

<http://vixra.org/abs/1509.0244>

The Solar Eclipse "The Gravitation Theory Puzzle"

<http://vixra.org/abs/1509.0264>

All Manuscripts

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

contacts

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

Twitter <https://twitter.com/Gergesfrancis>