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The Planets Basic Equations

Revised manuscript

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THE PLANET BASIC EQUATIONS
GERGES EQUATIONS

(1ˢᵗ Equation)   **The Planet Gravity=**

= (Earth Diameter/ Planet Diameter)² * (Planet Mass / Earth Mass)* Earth Gravity

(2ⁿᵈ Equation)   **The Planet Orbital Distance =**

= (Plant Diameter /Earth Diameter)* Earth Orbital Distance 1AU * The Orbital Inclination of the Previous Planet.

(3ʳᵈ Equation)   **The Planet Orbital Period=**

The Previous Planet period* his orbital inclination (or Axial tilt)

(4ᵗʰ Equation)

Planet Orbital inclination =13.18 *(F(x))

Where: 13.18: The Moon Motion degrees daily =(360/27.3days)
F(x) Is A Function Of The Planet Axial Tilt & Moon orbital inclination & Axial Tilt

(5ᵗʰ Equation)   **The Planet Mass=**

= 0.073*10²⁴kg (moon Mass)* F(x)

Where F(x) is a function in the Planet/ moon diameters rate & the Venus Orbital period).

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THE RESEARCH CONTENTS

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THE SOLAR ECLIPSE

"The Gravitation Theory Puzzle"

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ABSTRACT.

The Sun size = 400 folds the moon size, but the Sun/ Earth distance=
= 400 folds the Moon/ Earth distance, for that reason the people on
the earth see the sun size equals the moon size approximately, that
enables the total solar eclipse to be occurred before our eyes!

Is it just "a pure coincidence"? or there's a physical reason caused
the Sun/ Moon sizes rate = the Sun / moon distances to the Earth
rate, to enable the total solar eclipse to be occurred!
In this paper, I prove there's a physical reason behind this pure
coincidence..

The Mother Of God Day
29 January 2015
Written in Cairo – Egypt

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I- The Eclipse Data Analysis

The total solar eclipse appears as a simple pure coincidence, but the data analysis shows that, there are several many coincidences under its cover which form a real puzzle … as following:
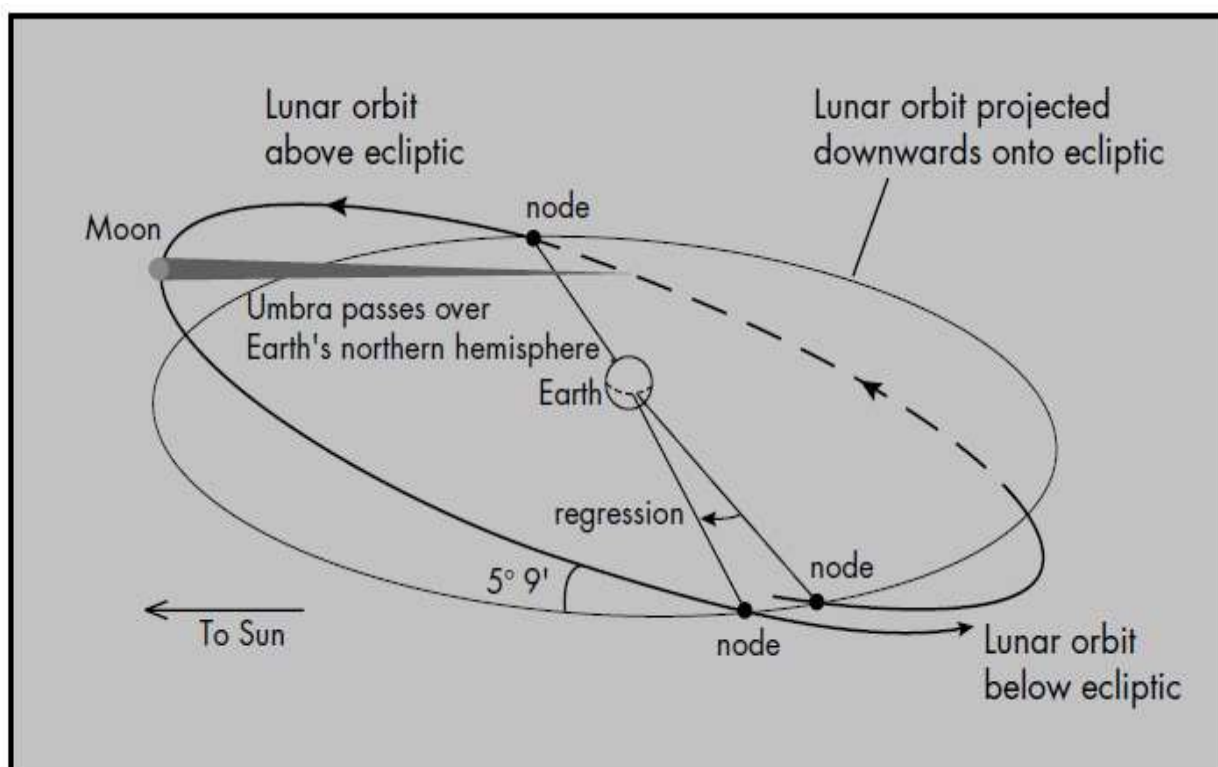
Fig. 1.5. The plane of the lunar orbit is tilted by just over 5° with respect to the ecliptic, i.e. the Earth's orbit around the Sun. In addition, the line of the nodes (the plane intersection points where eclipses occur as Earth, Moon and Sun are in line) regresses clockwise by 19° per year. This regression gradually shifts the two windows per year when eclipses can occur, earlier, by about 19 days per year. As shown in the diagram, when the nodes are at right angles to the Sun–Earth line, the Moon's umbra will sail way above (or below) the Earth at New Moon.

Quoted from "Total Solar Eclipses and How to Observe Them ….Martin Mobberley' P.11

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1- As I mentioned before the sun/moon sizes rate = their distances rate to the Earth, that's our first coincidence

2- The sun size = 400 folds moon size = 3.66 x 109, where 3.66 is the Earth /moon sizes rate, and 109 is the Sun/ Earth sizes rate, i.e. Number. 400 of the size, includes the three planets sizes rates together!

3- The total solar eclipse umbra length = 384000 km and the lunar umbra length = 1.4 million km where (1.4/0.384 = 3.66) (3.66=Earth/moon size rate) but that means the earth has such **<u>Specific Moon whose Circumference</u>** caused **<u>an umbra length = the distance between the moon and the earth</u>**!! Regardless the Earth location!!

4- Also as we know the Metonic Cycle (which is moon Cycle) depends on the solar Cycle (19 sidereal years)!. And because Metonic Cycle ends on the last day of the 19 Sidereal years (**first condition**) and because the difference between the Lunar year 354.3 days and the sidereal year 365.25 days is 11 days **(the second condition)** for that the people were enabling to create the solar lunar calendar!

5- The sun cycle is 365.25 days as the Earth Cycle! Where the sun give the Earth the same face always, but the Earth Cycle 365.25 = Lunar sidereal cycle $27.3 * (3.66)^2$ (3.66 is the Earth/ moon sizes rate), so it's Logical the Earth has a cycle 365.25 days depending on the Moon Cycle, but why the Sun has the

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same Cycle period?! "Pure coincidence" (Note: may be that the reason for the Metnoic Cycle which is a moon Cycle to be depending on the sidereal years & Not on Lunar years)

6- Note that the Earth /moon sizes rate is 3.66, and as I mentioned the Earth Cycle 365.25 days depends on this rate where $365.25 = 27.3 * (3.66)^2$, but Not just the Earth Cycle depends on the Lunar Cycle by **This Rate** $(3.66)^2$ but also **The Earth/ Moon Gravities Depend On This Same Rate**!! where the Moon gravity = $(3.66)^2$(moon mass/ earth mass) x 9.8 earth gravity = 1.6 which is the moon gravity!!!… Note! the **Sun itself follows this same equation** by which the sun gravity = 274 m/sec^2. (these also pure coincidences) (The planet gravities equations will be studied in Chapter one/ Part one of this paper).

A Comment on the Eclipse data analysis

It's easy to believe all this data just coincidences..

But why we are sure all this data just coincidences?

Is it impossible, there's a mistake in our vision for the universe, and this mistake leads the data to be seen before our eyes as "pure coincidences"

This paper try to offer **Another Universe Vision**, through the comparison between our principle basics with the Universe Data

And through this alternative vision we may see much better our universe.

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II- The Suggested Universe Theory

This research aims to prove the following theory,

All solar group planets, including the sun, all of them just **One System** or may be called **One Machine,** and this machine does **One Task**

i.e.

All The Planets work Together In Harmony With The Sun To perform One Duty (One Job)

For that Reason

The Components of this one system (i.e The Solar group planets & the Sun) are depended on each other, connected with each other and suitable for each other in their origins, existences, Masses & Motions …etc

SHORTLY,

This Theory Tells Us, That

The solar group planets with the sun consists **One Harmony Motions System,** and these motions create the Planets Masses, Orbits, Cycles and all other planets properties to be suitable for these harmonious motions.

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Of course the theory is very strange! Basically because the gravitation theory considers **the Mass is a characteristic property of any body.**

And to show my theory has some truth and not just "pure imagination"

I have to prove that **" The Mass Is Created By The Motion"**, providing my theory definition of the Mass which contradicts with the gravitation theory definition of the Mass.

Let's try to prove that in Chapter One of Part One of this Paper.

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PART ONE

The Mass Definition And Proves

The Mass definition

According to my theory,

The Mass is not independent property but dependent on the Motion, created & portable by the Motion.

The Mass is an accidental form, found based on the Motion, controlled by the Motion, and without the Motion the Mass will perish

Based on that,

The Planets Motion Doesn't Cause By The Mass Gravitational Forces,

But the Mass itself found by the Planet motion, where the Motion is found regardless the Mass.

The Motion attributes to the Light nature.

Explain the Mass definition

The Mass can be descried as the Ice Mountain on the Sea Water, where the Sea Water is The Motion, For that the Ice Mountain is formed suitable to the water and portable by it.

Even we see the Ice Mountain is different from the Sea water in his form as Solid where the Water is a liquid, but we know that the Ice Mountain created by the Sea water, portable by it & controlled by it!

Note

This definition doesn't tell us "the Mass has no gravitation force", it's not true, The Mass surely has gravitation force,

As the Ice Mountain has heavy weight on the Sea Water.

But the Mass is portable by the Motion and created by it (So The Mass gravitational forces doesn't cause the Plant Mass motion).

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Chapter one

The Mass Definition Proves

1st - Introduction

1- The Mass definition tells us the relations between the Planets are more deep than the outer gravitational forces as the gravitation theory describes, the Planets relations not just in their orbital distances & Cycles but the planets relations surpass that into the **Planet Structure** itself, so the related motions between the Planets formed the Planet structure, Mass, diameter, orbital inclination and the Planet orbital distance…

2- Has this information, told to us by the Mass definition, some truth?!, from where The Mass definition gets such confused information? It's the direct conclusion by the **Coincidences Of Numbers** which we found in the planets geometrical structures & motions… the next example explains the physical meaning of such coincidences of Numbers

3- We know How the Solar eclipse works, we know that there's a cycle for the eclipse events called Saros continues for around 18 Sidereal years, and this Cycle depends on the Lunar Cycle continues for 19 sidereal years Called Metonic Cycle . in Metonic Cycle (as explained in the Previous figure in Page No. 2) **The line of nodes regresses 19 degrees yearly**, for that **the complete Cycle needs 19 years**, and **this regression for 19 degrees every year causes the regression 19 days for the eclipse events yearly**!! (Here The Pure coincidences are found clearly and easily! **: 19 Degrees, 19 Years & 19 Days, Why These Numbers Aren't "Pure Coincidences"**?

4- Why these very similar numbers Not just coincidences in Numbers as thousands we found in the Planets Geometries which

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have no physical <u>Meaning?</u> But they aren't coincidences because we have real explanation for all numbers 19 years, 19 degrees & 19 days, we know these numbers are caused by the same process. Now this "pure coincidence" will be an explained physical phenomenon, written in the physics books and teaching to the students!! <u>Why?</u> **Because We Understand The Eclipse Process!!** i.e. When we don't understand the physics reason for such <u>"Pure coincidences of Numbers"</u> we consider them just "Pure coincidence", and left them easily without explanation!!

5- Let's look at some data related to Mercury.. Mercury Synods Saturn, Uranus, Neptune & Pluto once each 88 days where Mercury orbital Period is 88 days! **Why?!** "Pure coincidence"!. I have another one, Mercury Synods The Earth once each 116 days But the Venus Day is 116.8 days & 116Π= 365.2 which is the Earth Cycle **Why?!!** It's absolute wrong to consider that just "pure coincidence", surely there's a relation between the Mercury/ Earth synodic period with the Venus Day & Earth Cycle! But we don't understand How the <u>Gears</u> work and for that we don't see the relation!!

6- I have one more puzzle related to Mercury! **" (Π+1) * Mercury orbital period = Mercury orbital circumference distance!!**

What's the Geometrical meaning of (Π+1)!! I don't understand the geometrical meaning, for that I will consider this is "pure coincidence" (by Numbers (Π+1)* 88 = 2 Π*57.9 = 364!!)

7- But why we don't understand the other universe motions?! if we understood the eclipse motion?! **(first Reason)** Because we consider **the Mass as the planet independent characteristic** property, So we don't see the solar group as **A Group Of Harmony Motions**, but we see all these motions related to their Masses, and we can't see **the Harmony** between these Planets

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Motions and **for that reason we don't know THE DUTY which the planets motions is performed**!

8- **(Second Reason) the Meaning of the unit.** For example what does mean 1 second, when we study the solar day production process? It's something as one looks at a mirror! The problem here, because we don't understand the motions harmony, that leads to misunderstand the planets data, so we don't know which data related to the solar day production process and which not, but the meaning 1 second found after the solar day is produced already and during the production process the 1 second may be defined as the distance moved by the earth, or the Sun!! but the distance has no meaning with the second!! Easily we should classify the basic data from the additional data, and that can be done if we understand the universe basic operations[1]!!

9- For Sure no one can call support from Bode Law in all its forms, where the physics considered Bode Law is a false & misleading law, spite Bode Law shows the relation between many planets, but Bode Law was refused without trying to explain why 6 planets follow this Law and 3 planets don't follow?!

- **The last point** here is the argument. I argue that, the similar numbers which are found in the Planets Geometries are connected numbers formed by the planet motion (as we saw in the 19years, 19 degrees & 19 days of the eclipse motion), I argue all similar numbers can be explained clearly if we understand the universe motions correctly**,** and **because we don't understand the universe motions correctly we may use these "pure coincidences numbers" to lead us to understand the universe motions.**

- [1] In many physics books the authors claimed that the lunar trajectory definition is very difficult and can't be reachable correctly, which can be a proof that we don't understand the universe motions correctly.

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2nd The Proves Of "The Mass Is Created By The Motion"

I- **The Mass is found in a Motion**: all the planets around us just Masses found in Cycles & Motions, no any of them appears as free or independent Mass. So why the gravitation theory describes the mass is found regardless the Motion?! where we can find a Mass without motion? Even for the creatures Masses (the animal has a blood cycle for his body, the planet has a juice cycle)

So the Motion is the essential component of the Mass

II- **The Mass Is Found In Dual Forms!**

(i.e 2 opposite forms of the same creature),

There's electron and positron!

There's female & male!

Two opposite forms of the Masses,

So How the Mass can be INDEPENDENT if there's another opposite form?!

The Mass produced based on something which can create the TWO FORMS,

I guess it's logical conclusion.

And the collision between the Electron & positron produce light!! So, that what I'm saying, the electron & positron Masses return to their origin once again. I want to explain that the Mass is Made by the Motion, and the Motion attributes to the light

So why The Mass is independent?!

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III-   **The Planet Mass structure formed in spherical form to be suitable with The Planet Motion turning round his Axis**. For that reason <u>the Planet is a spherical form</u>, and no any planet is in squared or triangular form, because the spherical forms are the best suitable forms for the Planets Motions (the planet rotation around his Axis). Someone claims the Motion ease in Space doesn't depend on the Planet geometrical form, and this idea is incorrect, because we have no the equation connected the planet geometrical form with his orbital distance, and I guess the non-spherical Planet needs longer orbital distance, that which I need to prove later (where I provide a proof the Sun/Planet distance depends on the Planet diameter- chapter3/ part1) . But Also others claim the cylindrical forms can be suitable as much as the spherical forms, and this idea also is incorrect because, we have no register for the planet Motions history, so if in case the Planet Axis turns 90 degrees, in any very special case and the Planet had to continue his motion, the spherical form will be very suitable but the Cylindrical form will not work.

IV-   **The Mass can be created by the Light.** As we know from Anderson experiment 1934 when he produced Electron & positron from Gamma Rays, and so easily we see the Mass is a product and not origin i.e. the Mass isn't independent.

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V- **The Universe continuous Motion** tells us the Motion is the basic factor in the Universe and Not the Mass. Actually the gravitation theory definition of the Mass is just against the Universe continuous Motion (Specially the inertia definition)

VI- **The Universe Wave Nature** which is found in the Matter, energy, motions and all other Universe components, this Wave nature tells us **the Universe has one source**. i.e. all the universe origins from one Source. So we may consider that the Motion is the origin of this universe, and the Motion characteristic property is the wave nature. So when the Matter is created by the motions, the Motion nature still showed and seen in the Matter.

VII- **The Human & Universe Harmony**: for example why the creatures are sleeping at Night and wake up during the Day? Because their bodies made of light (the motion) and when the sun "their source" is absent, the creatures feel the fatigue and sleep. This process produces the harmony between the universe & creatures, where there's no light, the human should learn Not to work!! If The Creatures Bodies Masses Are Independent How This Harmony Can Be Performed?!!

VIII- **The Planets Gravities Equation**. (Reference to point No. 6 of The Eclipse Data Analysis P.7). The gravity depends on the Mass, but in the Planets Gravities Equation we find the Earth diameter & Mass effect on the Planet gravity!! (note please. The Sun gravity itself follows this same equation) which proves The gravity (and The Mass) isn't independent. It proves The Mass is created by the motion, that's clear in the following table..

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The Planets Gravities Equation[2]

1st Equation

The Planets Gravity=

= (Earth Diameter/ Planet Diameter)[2]* (Planet Mass / Earth Mass)* Earth Gravity

THE PLANETS GRAVITIES TABLE

Planet	Equation	Resulted	Registered	Error
The Sun	**(Earth/Sun diameters rate)[2] (Sun Mass/ Earth Mass)* earth gravity = (1/109)[2]* 333000*9.8= 274**	**274**	**274**	**0**
The moon	$(3.66)^2$ x (0.037 / 5.97) x 9.8	1.6 m/sec^2	1.6 m/sec^2	0
Mercury	$(2.61)^2$ x (0.23/5.97) x 9.8	3.7 m/sec^2	3.7 m/sec^2	0
Venus	$(1.0538)^2$ x 4.87 /5.97) x 9.8	8.9 m/sec^2	8.9 m/sec^2	0
Earth	9.8	9.8	9.8	0
Mars	$(1.878)^2$ x (0.642 / 5.97) x 9.8	3.7 m/sec^2	3.7 m/sec^2	0
Jupiter	$(0.0892)^2$ x (1898 / 5.97) x 9.8	24.7 m/sec^2	23.1 m/sec^2	6.9%
Saturn	$(0.10582)^2$ x (568/5.97) x 9.8	10.44 m/sec^2	9 m/sec^2	16%
Neptune	$(0.2575)^2$x (102/ 5.97) x 9.8	11.1 m/sec^2	11 m/sec^2	0.9%
Pluto	$(6.97)^2$ (0.0131 / 5.97) x 9.8	1.04 m/sec^2	1.1 m/sec^2	5.4%

[2] I provide in this paper my 5 Basic Planets Equations (written all together in Page 2 of this Paper), these Equations I found them, and these equations are not found in any physics book for that I call them **"GERGES EQUATIONS"**, these equations define the planets gravities, Masses, orbital distances, orbital periods & orbital inclinations. And also I provide in this paper many other forms for the Planets relations but these 5 Planets Basic Equations are the Most correct and accurate equations, where the other forms are found to refer to the planets relations & dependency.

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The Planets Gravities Table Notes

1- Why the gravity equation is working? **If Each Planet Mass is independent**, why such equation can be valid?! This equation tells us **The Mass isn't independent,** because of that the rates between the sizes & masses of one Planet can effect to define other Planets gravities.

2- This equation proves easily there's some relation between the Planets Masses, i.e. the Planets Masses aren't independent.

3- **The Sun itself follows this same gravity equation and that's a great reference proving that the Mass is Not Independent Characteristic of the Planet**, but the Mass is produced by the Planet Motion.

4- Through this equation we may explain why the Saturn has such small gravity less even than the earth gravity, spite of his mass around 95 folds the earth mass, where the reason is the Earth/Saturn circumferences rate, now because this number is (0.0892) and even we need the squared value which equal (0.00795664) this number, that caused the Saturn gravity to decrease so much… **and that support the idea the Mass isn't independent.**

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3rd The Proves of "The Mass is created by the Motion" (continued)

IX- The Mass & Experiment. It's very hard to prove the Mass is created of Motion through the lab experiments, Because our body itself are Matters (Masses) made of Motions, and we see the Matter around us as a person looks at himself in Mirror! We need outer source of knowledge to know this information.. exactly as someone tries to measure the ship speed in which he travels by the ship tools!! It's impossible to get it, and he needs to make his measurement related to the Sea itself.. for that reason I use the solar group planets Data.

X- **In Chapter 1 of Part 2**, I Provide the Egyptian Astronomic Phenomenon 2737, where I proved that this Cycle 2737 depends on Metonic Cycle, **So How the gravitation theory can explain the effect of the Moon little Mass on Saturn (the very far planet), to force Saturn to follow the Moon trajectory!!**

XI- In the following I provide the Mass equation (my fifth Equation), which can prove easily that the Mass isn't independent as following:

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The Planets Masses Equation

5th Equation

The Planet Mass=

= 0.073*10²⁴kg (moon Mass)* F(x)

(where F(x) is a function in the Planet/ moon diameters rate & the Venus Orbital period).

The Planets Masses Table

The Planet	The Mass = 0.073 * F(x)	Result	Registered	Error
Mercury	**Mercury Mass =** **(1.404* 0.073*224.7)/ (7*3.1²)= 0.344**	0.344	0.330	3.7%
	1.404 Mercury/ Moon diameter rate 224.7 Venus Orbital Period 7 Mercury orbital inclination 3.1 Jupiter Axial Tilt			
Venus	**Venus Mass =** **(0.073* 224.7)/3.48 = 4.713**	4.713	4.87	3.2%
	224.7 Venus Orbital Period 3.48 (Venus/ moon) diameters rate			
Earth	**Earth Mass= 0.073*3.66*224.7= 60.03**	60.03	59.7	0.5%
	224.7 Venus Orbital Period 3.66 (Earth/ moon) diameters rate			
Moon	**0.073 * 10²⁴kg**			
Mars	**(1.95*24.7*0.073*1.88)/6.7*5.18*2.6=0.66**	0.66	0.642	3.5%
	1.95 (mars/ Moon) diameters rate 224.7 Venus Orbital Period **2.6 Venus complementary Axial Tilt (180-177.4 =2.6)**	6.7 Moon Axial Tilt 5.18 Moon orbital inclination 1.88 Mars Orbital inclination		

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Jupiter	**Jupiter Mass=** **(0.073*41.14*224.7*3.44)/1.3 =** 1786	1786	1898	5.9%
	41.14 Jupiter/ moon diameters rate 224.7 Venus Orbital Period 3.44 Venus orbital inclination 1.3 Jupiter orbital inclination			
Saturn	**Saturn Mass=** **0.073* 34.68* 224.7=568.8**	568.85	568	0
	34.68 (Saturn/ moon) diameters rate 224.7 Venus Orbital Period			
Uranus	**Uranus Mass =** **(0.073 * 14.71* 224.7)/(0.8*3.44) = 87.6**	87.6	86.8	1%
	14.71 (Uranus/ moon) diameters rate 224.7 Venus Orbital Period 0.8 Uranus orbital inclination 3.44 Venus orbital inclination			
Neptune	**Neptune Mass=** **(0.073*224.7*14.2*0.8)/1.8 = 103.5**	103.5	102	1%
	14.2 (Neptune/ moon) diameters rate 224.7 Venus Orbital Period 0.8 Uranus orbital inclination 1.8 Neptune Orbital inclination			
Pluto	Pluto Mass = (0.687 *0.073*224.7)/(122.5*7) = 0.01351	0.01314	0.01314	0%
	0.687 (moon/Pluto) diameters rate 224.7 Venus Orbital Period 7 Mercury orbital inclination 122.5 Pluto Axial tilt.			

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The Planets Masses Table Study

First: The Equation Factors

❖ The equation uses basic factors to define the planet Mass, these factors are the following :

    a. The Moon Mass $0.073 * 10^{24}$ kg (The Basic Mass unit)

    b. The Planet / Moon sizes rate

    c. The Venus orbital Period 224.7 days

    d. Additional factors

❖ I used the Moon Mass as a unit for our solar group planets Mass because he's suitable for all planets values.

❖ The meaning of using the Venus orbital period in this equation, is that the Mass is produced by the Motion by the accumulation during the time, something similar to the creature body building by feeding daily, by the same way the Mass is created, but our solar group planets use Venus orbital period as a time measurement for this process, I choose Venus period just because of its suitability with all the Planets data.

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Second: Why this equation expresses really about the Planet Mass?! &

Why this equation considers a proof that :

The Mass Is Not Independent?

1. Because all The Planets used **constant numbers** (moon Mass, Venus Period). So because the Planets Masses are defined by using constant numbers that means **all Planets Masses are related together** & connected with each other **i.e. The Planet Mass is Not independent.**

2. Also When the Planets Masses depend on the own planet orbital inclination or Axial tilt, that means **The Planet Mass depends on the Motion factors i.e.
The Mass Depends On The Motion And The Mass It's Not Independent.**

3. Also When the Planets Masses depend on the Planet diameter rate to the moon diameter that means "**The planet Mass is Not independent".**

4. **At** last **when The Planet Mass depends on the nearest Planet data, that means the Planet effects on each other (as found in the other equations tables concerned the Planets orbital distances, orbital periods and orbital inclinations) in which the Planet Value depends on the nearest Planet value, and that means The Mass is considered similar to the such factors (i.e. the Planet Mass is similar to the planet orbital distance, period or inclination), that means the Mass is depended on the Motion, i.e. THE MASS IS NOT INDEPENDENT.**

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❖ **Note:** all the Planets follow the Mass equation perfectly, Except, **Mercury uses Jupiter Data**, and **Pluto equation uses Mercury data**, Also **Neptune uses the Uranus orbital inclination** (the nearest Planet). (these cases will be explained during the discussion)

Let's study this table

Planet	Its Mass equation solution	
Mercury	**Mercury Mass** $= (1.404 *0.073*224.7)/(7*(3.1)^2) = 0.342$ (error **3.7%**)	
	0.073 Moon mass	3.1 Jupiter Axial Tilt
	1.404 Mercury/ moon sizes	224.7 Venus orbital Period
	Jupiter is the Greatest Mass in our solar group, and Mercury is our Solar group Master (this meaning is strange and may difficult to be acceptable, but this research theory supposes all Masses are created by the motions. If we accept that, the Motions Cycles should be a harmony system to create these harmony universe, to find such harmony, the Motions need to define starting point and finishing point for the Cycles in which The Masses move, So for our Solar group the Starting point is Mercury.. and where I fight to prove the Mass is created by the Motion i.e. the Mass is property similar to the Planet motion Factors, So as the Planet Cycle can be defined by some other planet effect, as that the Jupiter Mass is defined by Mercury effect, this effect which we see in Mercury equation. And similar to this meaning why Pluto uses Mercury orbital inclination, because Mercury is the solar group starting point and the solar group closing point should reach to him to create A cycle. (**Mercury follows the Mass Equation approximately)**	
	NOTES FOR THE MASS EQUATIONS	

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- I should explain that all my 5 Basic planets equations are just methods to express the Planet Data. So my equations are similar to a measurement for the average planets data and to see which Planet follows completely the equation and which Not. My hard work summarizes in the numbers dealing to make the process very near to the Planet data itself.

- **For that, I don't know why one planet uses his orbital inclination to define his Mass, and why another planet doesn't use**!.(I left the own planet data as the planet free option to produce convenient results), I tried to find suitable format for the planet Mass depend on the Planet own Data, and I found that during my dealing with the Planet data numbers…

- Also there are some additional values available for any planet to use without limitation, such as the Moon orbital inclination & Axial tilt, and also Venus orbital inclination & her Axial Tilt .. and that because these planets data are using as Basics of the Mass Equation, so for example any planet can use not only the Moon Mass in his equation but also its orbital inclination degrees…etc this also considered as free options for any planet to produce the convenient result.

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	▪ **The main argument here is the following:** 1- Because all the Planets used the **same constants numbers** (moon mass, inclination, Venus period.. etc) So the planets Masses are related to each other 2- And where the Planet Mass depend on **the own Planet motion data**, that may prove, **the Mass isn't independent property** because the Mass depends on **the planet motion data which are changeable according to the Motion** 3- And even if the planet definition of the mass depends on other Nearest Planet Data as found in the other Planets Basic Equations (Gerges Equations), that means the Mass is dealt similar to the motion factors (orbital distance, period & inclination which are defined in the Equations) and that means the Mass is a planet motion property as the other motion properties i.e. the Mass isn't independent.	
Venus	**Venus Mass = (0.073* 224.7)/3.48 = 4.713** (Error3.2%)	
	0.073 Moon mass 224.7 Venus orbital Period	3.48 = (Venus / moon sizes rate)
	Venus follows the equation approximately, <u>because she divided her equation by the sizes rate</u>, and that is happening **because Venus regresses in her motion** which change her behavior toward the equation (i.e. because the theory tells us the Mass is created by the Motion, Venus changes the Mass equation because she regresses in her motion)	

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Earth	**Earth Mass= 0.073*3.66*224.7= 60.03** (Error 0.5%)	
	0.073 Moon mass 224.7 Venus orbital Period	3.66 Earth / moon sizes rate
	Earth follows the equation Perfectly	
Mars	**Mars Mass=** **(1.95* 224.7*0.073*1.88)/6.7*5.18*2.6= 0.66 (error 3.5%)**	
	1.95 Mars / moon diameters rate	6.7 Moon Axial Tilt
	224.7 Venus orbital period	5.18 Moon orbital inclination
	2.6 Venus complementary Axial Tilt (180-177.4 =2.6)	1.88 Mars Orbital inclination
	▪ **Mars follows the equation Perfectly** ▪ Mars uses many factor in his equation all of them are available by the equation rule, So he used just his own data, Moon data & Venus data.	
Jupiter	**Jupiter Mass=** **(41.14*224.7*0.073*3.44)/1.3 = 1786** (error 5.9%)	
	41.14 Jupiter/ Moon sizes rate	$0.073 * 10^{24}$ kg Moon Mass
	224.7 days Venus orbital Period	3.44 Venus orbital inclination
	1.3 Jupiter orbital inclination	
	The factors are usual, but Jupiter need help from Venus orbital inclination and that's logical because Venus period is using as the moon mass. And Jupiter uses his orbital inclination also **(Jupiter follows the equation perfectly)**	
Saturn	Saturn Mass = **0.073* 34.68* 224.7=568.8** (error 0%)	
	34.68 (Saturn/ moon) sizes rate	224.7 Venus Orbital Period
	$0.073 * 10^{24}$ kg moon mass	
	Saturn follows the equation Perfectly	

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Uranus	**Uranus Mass =** **= (14.71 * 0.073* 224.7)/ 0.8*3.44 = 87.6 (1%)**

14.71 **Uranus/ moon sizes rate**	224.7 Venus period/ 0.073 Moon Mass
0.8 Uranus Orbital inclination	3.44 Venus Orbital inclination

Uranus follows the equation perfectly

Just Uranus divided his equation by his orbital inclination and Venus orbital inclination, and both numbers are used normally by the equation explained rules.

Neptune	**Neptune Mass= (14.2 * 0.073*224.7*0.8)/1.8 = 103.5 (1%)**

14.2 Neptune/ moon sizes rate	224.7 Venus period/ 0.073 Moon Mass
0.8 Uranus Orbital inclination	1.8 Neptune Orbital inclination

Neptune follows the equation approximately

Neptune uses the Uranus orbital inclination (the nearest Planet) and divided by his orbital inclination, all of that follow the equation normally.

Pluto	**Pluto Mass = (0.687 *0.073*224.7*)/(122.5*7) = 0.01314 (0%)**

0.687 (moon/Pluto) sizes rate	224.7 Venus period/ 0.073 Moon Mass
122.5 Pluto Axial tilt	7 Mercury orbital inclination

Pluto follows the equation approximately

Pluto divided his equation by his orbital inclination and it's normal, but also by Mercury orbital inclination, because Mercury is the Master of our group as I mentioned in Mercury Mass comment, So Mercury starts the group and closes it, so he used his orbital inclination with his Mass and with Pluto mass

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4th -The Proves Of "The Mass Is Created By The Motion" (Continued)

XII- The Mass & time (The Matter & Antimatter)

As I argue in this Chapter, the mass is created by the Motion, we know the Mass (matter) is produced by the light in two forms (electron & positron) which is called the matter & antimatter. Some people ask where's the antimatter on the Earth?, because we find just Matter can continue in existence?

I argue that the time is necessary for the Material Universe Continuous Existence. **The Time Create An Isolator Between The Matter & Antimatter** but both of them are found on the Earth.

We should notice that **the positron moves backwardness at the time dimension**, which means **The Matter & antimatter are separated from each other BY THE TIME.**

So because the time is found and forms the isolator between the Matter and Antimatter, the Matter moves **in Cycle suffering the continuous attraction between the positive & negative charges, which can't reach each other because of the time**. So the Matter moves submitted to the gravitation forces but Not move by the gravitation forces, rather moves portable by the Motion (the light)

XIII- The Church learnt us that The Mother of God still Virgin after She gave birth to Him!! And why this learning is important for us?!!

The Church told us that the Mass (Matter-body) is made of light (the motion), and The Lord Himself (as any other human) passed through His Mother without tearing Her Body, because he passed as a light

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beam, which's a human ability needs some training (as the Monks training who enable them to fly as light beams!! Which are events registered in the history can't be denied or explained). for that reason The Mother Pf God still Virgin after the Birth!!! The Church tried to save the Nature correct principles in the religion learning to help the science. Very strange the science considers the Religion is his enemy! while the Religion & ancient civilizations try to learn us some useful principles[3]!

XIV- How we can explain the astrology strange abilities?

Because the Mass is made of the motions (the Universe Motions) for that the astrology professionals who knows the universe motions can expect some events will be happen for our material bodies, because the body material is controlled by the universe motions. (how these abilities can be explained if the Mass is independent?!!).

---

[3] - I'm very surprised that there's no any study dealt "the 2737 Egyptian astronomic phenomenon"(I present this phenomenon in chapter 1 of Part 2 of this Paper)! 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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Chapter Two

The Mass Definition Conclusion

Introduction

After the proves that "the Mass is created by the Motions", we know now that

The Planet Motion Caused NOT by the Planet Mass Gravitational Forces

The Planet is portable by the Motion

All that tells us
The Mass is controlled by the Motion

EARTH CYCLE

The Earth has a cycle which is

365 days+ 365 days +365 days +366 days = 1461 days

This is the Earth Cycle which is very known

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The Earthquake

Before December 2012 the Scientists warned the world from the Greatest Earthquake in the Human history, and they expected this Earthquake date in December 2012

It's famous phenomenon, called **(2012 Phenomenon)**

More details about this earthquake, found here

http://en.wikipedia.org/wiki/2012_phenomenon

But the earthquake didn't happen in December 2012

I claim the date of this earthquake was mistaken

And this Greatest Earthquake should be occurred after December 2016

The Earth Greatest Earthquake

Should Be After December 2016

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Why The December 2012 Date Was Mistaken?

Because the Planet Mass depends on the Planet Motion

And the Earth Motion has a cycle (365+365+365+366 = 1461 days)

the Greatest earthquake will reach to the Earth Mass after one

Complete = 1461 days

Means

The Earth Greatest earthquake will be after December 2016..

That because the Earth is portable by the Motion, as the Ice mountain on the Sea water. When someone shoot at the Ice Mountain, the bullet moves through the water firstly be f ore to reach the Ice mountain.

For that the earthquake (which is occurred on December 2012) will reach to the Earth Body Mass after one complete Cycle (1461 days).

The Earth Greatest earthquake should be after December 2016

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Chapter Three

The Planets Orbital Distances Equation

1- Introduction

Why should we study the Planet orbital distances, periods & inclinations when we try to prove just "The Mass is created by the Motion"?!

I try to prove the Motions are independent, create a harmony system, and the harmony system of motions become visible to us through the Mass motions in Cycles. For that I try to prove that the Planets are connected to each other, related to each other and effect on each other, in more deep form than the gravitational theory suggests.

For example,

If I proved that **The Planet Distance To The Sun Depends On The Planet Diameter**! That will tell us the distances between the Planets effect on the Planets structure in more deep way than the gravitation theory suggests.

Let's try to prove such assumption

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Does the Planet orbital distance depend on the Planet diameter?

- **Mercury orbital distance = Mercury diameter x $(109)^2$**

- **Earth orbital distance = Earth diameter x $(109)^2$**

- **Saturn orbital distance = Saturn diameter x $(109)^2$**

Just this three planets follow this equation, and the other solar group planets don't follow! So if I have no physical reason for these specific three planets to explain why they follow such equation, I have to give up and consider these numbers as just "Pure coincidences"…!

I have an explanation!!

These Three Planets Are Members In The 2737 Cycle

(the 2737 Egyptian astronomic Cycle occurs when Mercury, Venus & Saturn align on the Egyptian pyramids heads on 3rd December 2012 which is a phenomenon repeats once each 2737 years, and on 3rd December 2012 "the 2737 Cycle" is repeated for third Time – Chapter 1/Part2 of this paper explains this Cycle)

 Now I have a physical reason!

I claim the Mass is created by the Motion, So these 4 planets (Mercury, Venus, Earth & Saturn) perform **one specific Motion Cycle which is the 2737 Cycle,** But the Other Planets don't perform the 2737 Cycle,

So the Motion of the 2737 Cycle is the cause to create these 4 Planets orbital distances depend on their diameters!! This conclusion seems logical to our argument,

But this explanation faces a serious obstacle! **Because Venus the fourth member of the Cycle 2737 doesn't follow this equation!!**

So the physical reason will be invalid because of that!! NO!!!

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<u>Because Venus Regresses</u>, we should remember (the Mass is created by the Motion). And Now Venus changes her Motion regarding the other three planets, why she should follow their same equation?! It's just correct Venus can't follow their equation, and the equation still valid

So, may I provide a proof that the planet orbital distance depends on the planet diameter, if we know which motion the planet Does, So

 I'll provide here the references of the Cycle 2737

2737 CYCLE REFERENCES

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

The Planets Mercury, Venus & Saturn aligned the Egyptian Pyramids heads once each 2737 years

<u>Occurred on 3rd December 2012</u>

(more details in chapter 1/ part2 of this paper)

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2- The Equation

The Planets Orbital Distances Equation

The 2nd Equation

THE PLANET ORBITAL DISTANCE =

= (Plant Diameter /Earth Diameter)* Earth Orbital Distance

1AU * The Orbital Inclination of the Previous Planet.

This is one of the very interesting equation, which proves clearly that the Planets orbital distances depend on the Planets diameters.

So any Planet orbital distance depends on his diameter rate to the Earth diameter and multiplying with the orbital inclination of his previous Planet (for example Venus orbital distance depends on Mercury orbital inclination)

And I should apply this equation at all the solar group Planets as following.

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The Planet Orbital Distance Table

Planet	THE PLANET ORBITAL DISTANCE = (Plant Diameter /Earth Diameter)* Earth orbital distance 1AU * The orbital inclination of the Previous Planet.	Resulted	Registered
Mercury	(Mercury Diam/ Earth Diam)* 1AU =0.38*149.6 = 57.37 M km	57.3	57.9 (error 1%)
Because there's no Previous Planet for Mercury, for that he doesn't use any orbital inclination to define his orbital distance			
Venus	(Venus Diam/ Earth Diam) * (Mercury orbital inclination/10) * 1AU = 0.9488* 149.6* 7/9.3 = 106.8	106.8	108.2 (error 1%)

- Venus uses The Mercury orbital inclination according to the equation, because Mercury is the previous Planet to Venus.
- The Solar group planets are one series connected together, So Venus needed to divide hers equation by 9.3 to find her orbital distance, and Neptune needed to multiply his equation by 9.3 to find his orbital distance!! So there's no change happened because Venus & Neptune are connected together and **can behave as one number** when multiply it with 9.3 and divide it by 9.3 the result will be no change.
- That's not very surprised, and we will see this operation repeats again by the same value. that does not weaken the equation, that proves the planets are connected with each other more deeply than the gravitation theory suggests

Neptune	(Neptune Diam/ Earth Diam)= 3.882 * 1Au *0.8 Uranus orbital inclination * 9.3 = 4483.7	4320.7	4495.1 (error 3.8%)

- Neptune uses Uranus orbital inclination according to the Equation
- Neptune uses also the multiplying of 10 to balance the Venus division of it, to define his orbital inclination.

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Earth	Is our Measure tool to define the distance Earth orbital distance = 149.6 million km		

We should notice that the Earth orbital inclination is Zero, that means Mars can't depend on the Earth to define his orbital distance because she has no orbital inclination, Spite Mars very near to the Earth..

For **that Mars will depend on Jupiter**! Because the Earth has no orbital inclination..

But this will make some difficulties because Jupiter himself should depend on Mars to define his orbital distance, and all that will make the situation some complex.

For that reason, we should not define the Mars distance Now

We should starts again from Uranus (Because Neptune is defined already connected directly with Venus) to find the continuous series to see how Mars & Jupiter will solve this problem..

And now we'll start with Uranus

Uranus	(Uranus Diam/Earth Diam) *1AU* F(x) = = 4 * 1AU * 2.5 Saturn orbital inclination * 1.922 = 2875.3 (1.922 transferred to Saturn)	2875.3	2872.5 **(error 1/1000)**

- Uranus uses Saturn orbital inclination according to the equation.
- As we know from Venus & Neptune, the solar group is a series continuous & connected together. For that the numbers transferred through the solar group from planet to planet without difficulties because all the planets are created by the Same Motion, and for that reason the rest Number 1.922 will transferred easily to Saturn where Saturn may use this number and if that happens Uranus & Saturn will be partners in this same value which part of it at Uranus and The Other Part At Saturn.

Saturn	(Saturn Diam/ Earth Diam) * 1AU = 9.44 *149.6 = 1413.5	1413.5	1433.5 (error 1.3%)

- Saturn depends on Jupiter orbital inclination 1.3 according to the

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Equation.

- But there's a transferred Number (1.922) came from Uranus,
- These both numbers together = 1.3*1.922 =**2.517**
- <u>But Saturn equation doesn't uses any orbital inclination!</u>

For that reason

This whole Number (2.517) will be transferred into Jupiter

Jupiter	(Jupiter Diam/ Earth Diam) * 1AU * F(x)= = 11.209 x 149.6 x 0.461 = 775.11	775.11	778.6 (Error 4/1000)

- Jupiter should depend on Mars orbital inclination according to the equation

But

- There's also a transferred number from Saturn
- So the total is
- 2.517 (transferred from Saturn) * 1.85 Mars orbital inclination = **4.656**
- **But Jupiter used inclination orbital value = 0.461**
- **So the rate between both values = 10**
- **This 10 will be transferred to Pluto**

Mars	(Mars Diam/ Earth Diam) * 1AU *(1.31/0.461) = 227 millions km	227	227.9 (error 4/1000)

- Mars was the problem, because the Earth has no orbital inclination, and so it's difficult to define his orbital distance..

From the Mars Equation we see

- Mars depends on Jupiter and that's the only available solution, shortly because there's no third planet!
- But when Mars used the Jupiter orbital inclination to define his orbital distance, he has to use **<u>the Value 0.461 which used by the Jupiter himself…</u>**

It's important to understand that

Because the relation between Mars & Jupiter is mutual relation both of them depends on each other to define their orbital distance and for that reason both of them use the same number.

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Pluto	(Pluto Diam/ Earth Diam)*1 AU* 10* 17.2*1.3 = 6255.25	6255.2	5870 (6.5%)

- Pluto uses his orbital inclination because no other planet behind him.
- But Pluto also uses Jupiter orbital inclination, and the reason for that is the Number 10 which is transferred from Jupiter to Pluto. So if the transferred No. 10 can reach to Pluto from Jupiter, why Jupiter orbital inclination himself not reach…

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The Planet Orbital Distance Table Comment

1st :Why the previous equation & table tell us some Truth?

1. The basic equation is used for all the planets, i.e. there's one rule control all the planets, how can any one create such Rule if didn't create by the Planets Creator Himself.

2. The transferred numbers through the Solar group depends on the orbital inclination of the solar group planets i.e. **there are no outer Numbers,** so if the orbital inclinations of the solar group planets aren't suitable to the equation, these transferred value will show great disturbances.

3. The Numbers transferring between the Planets are correct idea based on assumption that the Planets are depended on each other, related to each other and suitable for each other..

4. The errors are at average and can be acceptable

2nd : What does tell us this equation?

1. The Using of Previous planet orbital inclination to define the planet orbital distance is a correct idea because each planet defines his planet orbital distance based on his previous planet position i.e. each position Planet defines the next planet position. That's the reason for which Bode discovered some sequences for the Planets, but because of the Mars problem, this sequence has some change So the Bode law equation didn't realize it. (in next equation form we'll discuss The Mars Problem)

2. The Planets are connected, related and depended on each other.

This Equation is a crucial proof that

"The Planet Mass is Created by The Motion"

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The Planets Orbital Distances & Circumferences

(second form of the distance equation)

Planet	Planet Orbital distance (d)	1st circumference = $2\Pi d$ = R	2nd circumference = $2\Pi R$
Mercury	57.9	364	2288
Venus	108.2	680.1	**4275**
Earth	149.6	940.3	**5908**
Mars	227.9	**1432.5**	9004.2
Ceres	415	**2608**	
Jupiter	778.6	4894	30762
Saturn	**1433.5**	9010.5	56637.4
Uranus	**2872.5**	18055.7	113492.9
Neptune	**4495.1**	28254.9	
Pluto	**5870**	36897.1	

From The Previous Table We Find

- Neptune orbital distance = The second circumference of Venus orbital distance (with error 4.8%)

- Pluto orbital distance = The second circumference of Earth orbital distance (with error 0.6%)

- Saturn orbital distance = The first circumference of Mars orbital distance (with no error approximately)

- Uranus orbital distance = The first circumference of Ceres orbital distance (with error 9.2 %)

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Comment On The Table of

(The Planets Orbital Distances & Circumferences)

- Saturn, Uranus, Neptune & Pluto are found at distances equals the other planets orbital distances circumferences!! Is there a physical interpretation for this phenomenon or that's just "pure Coincidences"

- I think There's a physical reason that create some planets orbital distance equals at other Planets orbital distances circumferences, but we see this universe wrongly, because of the gravitational definition of the Mass prevents us to see the motions harmony creating the Mass and its Cycle distance.

Note:

1- Mercury orbital Circumference = 364 millions km, but this same number = $(\Pi+1)* 88$ (88 is mercury orbital period)!!

2- Jupiter second circumference is 30762 and this number equals Uranus orbital periods days (error 0.5%)!!

We should not be surprised that the distances can be seen in orbital periods! It's not coincidence, it's the process by which the Planets produce the time & space in which we live!

The Earth rotation period (23.9 hours) transfer into Cycle degrees (360 degrees) which will transfer into defined distance (the Earth rotation distance around her Axis per day as a part of the orbital distance 365.25 days), but not just that, the Planet Mass found based on the motion by method which we don't know, So after the Mass is found the Motions decrease by the Mass Value, then the New Mass will have gravitational forces to practice more effect on the general very complex equation by which the solar day, the space, the chance for life & knowledge learning are produced!!!

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The Planets Orbital Distances

The Third Form of "2nd Equation"

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The Sun/ Planet Distance = 9000 * (F(x)

Where F(x) Is A Function Of The Own Planet Orbital Inclination or his Axial Tilt, in addition to the Moon OI & AX

</div>

The Planets Orbital Distances Table

The Planet	Sun/ Planet Distance = 9000 * f(x)	Result	Registered	Error
Symbols meaning	**Orbital Inclination = OI**		**Axial Tilt = AX**	
Mercury	**Sun/ Mercury distance = 9000 * 6.508=** = **58577.13** (58577.13 /1000 = 58.577)	58.577	57.9	1.1%
	6.50857 = 7 - 0.491 7 is Mercury OI 0.491 is (3.44 Venus OI/7 Mercury OI)			
Venus	**Sun/ Venus distance = 9000 *(3.44)^2 =** =**106.5**	106.502	108.2	1.5%
	3.44 is Venus OI			
Earth	**Sun/Earth distance = (9000 *23.5)/1.5=141**	141	149.6	5.7%
	23.5 Earth AX **1.5 = (Moon AX 6.7 –5.18 Moon OI)**			
Moon	**Sun/Moon distance= 9000* 5.18*П =146.46** (distance at new Moon)	146.46	**149.1** **(new Moon)**	1.7%
	5.18 is Moon orbital inclination			
Mars	**Sun/Mars distance= 9000 * 25.2 = =226.8**	226.8	227.9	0.4%
	25.2 is Mars AX (**Axial Tilt**)			
Jupiter	**Sun/Jupiter distance= (9000)^2 * (3.1)^2=** =**778.41**	778.41	778.6	0

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	3.1 is Jupiter AX (**Axial Tilt)**			
Saturn	**Sun/Saturn distance = (9000)^2* (2.6)^3 = =1423.5**	1423.5	1433.5	4%
	2.5 Saturn orbital inclination Note I used 2.6 As Saturn OI in place of 2.5 because of the triple value will make the error triple times So the error is the difference between 2.6 & 2.5 rate = 4%			
Uranus	**Sun/Uranus distance= =((9000)^2* 97.8)/ (1.8*1.5) = 2934**	2934	2872.5	2.1%
	97.8 Uranus AX 1.8 Neptune OI (orbital inclination) 1.5 = (6.7 Moon AX – 5.18 Moon OI) Uranus out of the equation by using Neptune Orbital inclination.			
Neptune	**Sun/Neptune distance= (9000)^2*28.3*1.8 =4309**	4126.1	4495.1	8%
	28.3 is Neptune Axial Tilt 1.8 Neptune Orbital inclination Neptune follow the equation perfectly			
Pluto	**Sun/Pluto distance= (9000)^2* 122.5/1.8 5605.9**	5605.9	5870	4.4%
	122.5 is Pluto OI 1.77 is Neptune OI(nearest Planet)			

Note

All the Planets follow the Equation except

Mercury, Uranus & Pluto

All of them used the nearest Planet data

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The Orbital Distances Table Notes

1. The Planet distance equation is working for all planets.

2. I want to explain the equation doesn't aim to provide Planet data from the equation factors, but aims to prove each Planet data is suitable and convenient to the equation, and where the equation uses just a constant Number which is 9000 in addition to the own Planet data, that means the Planets data are related and correlated to each other because all of them convenient to **constant numbers**, and that leads us to conclude the planets data are Not independent, but correlated, as we see in the equation. All that means the planets data depends on each other and that's exactly my argument I try to prove "The Planets data are correlated and connected in more depth surpasses the gravitational forces, because this correlation & relation is found in the Planet body, mass, orbital inclination, Axial tilt and his distance to the sun. all that tells us **The planets are correlated together in their origin and Masses.   i.e. The Mass isn't independent**

3. Number 9000km is the lunar eclipse umbra width

4. The resulted number when we use 9000 we should consider it number in thousands of kilometers and correct it to be counted in millions, but when we use $(9000)^2$ we should use the result as just 81 million normally, so the distances values will be correct (the explanation of the reason isn't clear yet, but the

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Zeros easily to be found covered in numbers for example 318=1000П, So when 318 is found may there's 1000 discovered and П just appear! After the completion of all the planet tables may the 1000 can be seen easily)

5. Mercury equation is a direct equation straight as the Mars equation but he needed to discount the Venues rate from his value to find his distance freely

6. Venus Equation depends un Venus herself without external support but she uses the squared value of her Orbital inclination

7. I have 2 points to refer

   o The Planet AX & OI are complementary each other and the planet uses one of them for specific job, and that may help us to understand the planets Motions & relations

   o The Earth/ Mars relation is very strong (1- Sun /Mars distance = Sun/ Earth* Mars Orbital inclination. 2- Mars orbital period = Earth orbital period * Mars Orbital inclination)

8. Jupiter uses the squared value of 9000 to be more far, and as Venus he uses the squared value

9. Saturn equation tells us that Saturn and Jupiter are related strongly each other.

10. Uranus equation tells us that Uranus connected with Neptune.

11. Pluto equation tells us Pluto is depended on Neptune.

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CHAPTER FOUR

The Planets Orbital Periods Equation

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3rd Equation

The Planet orbital Period= The Previous Planet period * his orbital inclination (or Axial tilt)

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Planet	His equation	Resulted Period	Registered period
Mercury	The orbital period 88 (has no previous planet So mercury considers the basic unit)	88	88
Venus	Venus Period = (88*7)/2.6 = 237 days	237 days	**224.7 days** **(error 5.4%)**
	88 Mercury orbital period according to the equation 7 is the Mercury orbital inclination according to the equation 2.6 the Venus axial Tilt complementary (where Venus Axial Tilt is 177.4 so the complementary = 180-177.4 = 2.6)		
Earth	Earth Period =224.7 * 1.6 = 360.6	360.6	365.2 (error 1%)
	224.7 is the Venus orbital period 1.6 is $(2.6)^{1/2}$ where 2.6 is the Venus Axial tilt complementary		
Mars	Mars Period = 365.25 o 1.88 = 687	687	687 (0%)
	365.25 the Earth Period 1.88 Mars orbital inclination (Mars uses **his own orbital inclination and Not The Earth one because the Earth Has no orbital inclination**)		
Jupiter	Jupiter Period = 687 *1.9 *3.1= 4046.5 days	4046.5 days	4331 (error 6.5%)
	Jupiter uses 687 Mars period according to the equation 1.9 Mars orbital inclination according to the equation		

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	3.1 Jupiter Axial Tilt		
Saturn	Saturn Period (4331 *3.1)/1.3 = 10327.7days	10327.7 days	10747 (error 3.9%)
	4331 Jupiter period 3.1 Jupiter orbital inclination according to the equation 1.3 Jupiter Axial tilt according to the equation		
Uranus	Uranus Period = 10747 *(97.8/26.7)*0.8 = 10747*2.93=31492	31492.3	30589 (error 2.9%)
	10747 Saturn orbital Period according to the Equation 26.7 Saturn Axial Tilt according to the Equation 97.8 Uranus Axial 0.8 Uranus orbital inclination		
Neptune	Neptune Period = = 30589* (97.8/(28.3*1.8)) = 58728 days	58728 days	59800 (error 1.7%)
	Neptune uses Uranus period according to the equation 97.8 Uranus Axial Tilt according to the Equation 28.3 Neptune Axial Tilt 1.8 Neptune Orbital inclination		
Pluto	Pluto Period = 59800 *1.8*0.8 = 86112	86112	90588 (error 4.9%)
	Pluto uses Neptune Period according to the equation 1.8 Neptune orbital inclination according to the equation 0.8 Uranus Orbital inclination according to the equation		

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Comments on
I- **The Planets Orbital Periods Equation form No. 1**

1- **Why this Equation & Table tells us some Truth?**

3rd Equation

The Planet orbital Period= The Previous Planet period * his orbital inclination (or Axial tilt)

- The Equation is valid for all the Planets where no any planet used outer numbers except Pluto used the Uranus orbital inclination in addition to Neptune orbital inclination, which proves there's a real rule controls the planets orbital Periods which no one can create if not found by the Planets Creator Himself Basically.

- The errors rate at average and can be acceptable (the error rates are   0% - 1% -1.7% - 2.9% -3.9% -4.9% -5.4% -6.5%)

- The planet orbital period depending on the previous planet orbital inclination is similar to the Planets distances equation (form No. 2) which provides a logical idea because each planet depends & connects with his previous Planet So the previous planet orbital inclination effects on the planet orbital distance & his period Cycle.

This Equation is a crucial proof that

"The Planet Mass is Made of the Motion"

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The Planets Orbital Periods Equation
form No. 2

The planets orbital Period = 27.3 * (F(x))

(Where F(x) Is A Function Of The Planet Orbital Inclination, his Axial Tilt or near planets' data)

I may use this equation for all the solar group planets as following

The Planet Orbital Periods Table

The Planet	Orbital Period in days = 27.3 * f (x)	Result	Registered	Error
Symbols	Orbital Inclination = OI		Axial Tilt = AX	
Mercury	Mercury Orbital Period= 27.3 * 3.22= =87.9 days	87.9	88	0.1%
	Mercury AX (0.01) * Π^3 = 0.31 And 1/0.31 = 3.22			
Venus	Venus Orb. Period =27.3 *3.44* 2.6 =244.1	244.1	224.7	8%
	3.44 Venues IO 2.6 Venus AX complementary =(180-177.4) Note/ Venus regresses			
Earth	Earth Orbital Period= 27.3* $(3.66)^2$= =365.8	365.8	365.25	0
	$(3.66)^2$= 13.4 = 25.2 /1.88 (3.66) Earth / Moon diameters 25.2 is Mars AX 1.88 is Mars OI			
Moon	Moon Orbital Period = 27.3			
Mars	Mars Orbital Period =27.3 * 25.2=687.96	687.96	687	0.1%
	25.2 is Mars AX			
Jupiter	Jupiter Orbital Period=	4383.83	4331	1.2%

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	$= 27.3* 3.1*\underline{5.18}*10 = 4383$			
	3.1 Jupiter AX 5.18 Moon OI			
Saturn	Saturn Orbital Period= $= (27.3*\underline{51.8}*26.7)/3.44 = 10976$	10976	10747	2%
	$\underline{51.8}$ number used before with Jupiter (Moon IO *10 26.7 Saturn AX 3.44 Venus OI			
Uranus	Uranus Orbital Period= $=27.3*51.8*1.77*1.25*97.8 = 30599$	30599	30589	0
	97.8 Uranus AX 5.18 Moon OI 1.77 Neptune IO $\underline{1.25 = 1/Uranus\ OI}$			
Neptune	Neptune Orbital Period = $= 27.3*51.8*23.5*1.77= 58896.2$	58896.2	59800	1.5%
	$\underline{51.8}$ number used 2 times before (Moon IO *10 1.77 Neptune OI 23.5 Earth AX,			
Pluto	Pluto Orbital Period = $= (27.3)^2* 122.5= 91298$	91298	90588	0.7%
	122.5 is Pluto AX			

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The Orbital Periods Table Notes

Why this equation is correct if there's another form of this same equation gives the same result with different Factors?

This Equation Form Is Exactly As The Previous Form , both of them is the same equation. The previous equation depends on **Mercury orbital Cycle period** with other factors but this equation form (form No. 2) depends on **Moon Sidereal Cycle**, for that both forms are the same equation because of the following reasons:

1. The Mercury Cycle Period related to the Moon Sidereal period, So any one of them will do the same job

2. But through the moon Sidereal period, we see the moon effect on the planets periods, but when we use Mercury orbital period we see the Mercury effect. And actually the first form which uses Mercury orbital period is more clear than the Moon Cycle form because Mercury helped us and avoided all the **overlapping effects** made by the moon … where Mercury (equation 3 form 1) gives us a clear vision by **Using Just The Previous Planet Period & Orbital Inclination (Axial Tilt) In Addition To The Planet Himself Orbital Inclination And Axial Tilt .. which make the equation form No. 1 more easy and clear.**

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3. The Lunar Sidereal period 27.3 depends on the Mercury Cycle 88 days and Not Mercury's Cycle depends on the Lunar period for that reason the mercury equation appears as a reflective equation.

4. The Number 51.8 which equals (Lunar orbital inclination 5.18*10), is used **three times** with Jupiter, Uranus & Neptune. So this three times tell us that's not Pure Coincidence, but the equation tells the planet truth and for that the planet data is convenient easily with the equation. But may someone claims that, because the number 51.8 is not found with all the planets, may the equation isn't completely correct! But we should remember "The 2737 Egyptian astronomic phenomenon" where just **3 Planets** who are Mercury, Venus & Saturn aligned at the Egyptian three pyramids heads on the Earth and Not all the Planets, So this equation tells us we learn from the universe.

5. This table tells us all the other planets depend on the lunar Sidereal period (and that may explains why the Metonic Cycle 19 Sidereal year depend on Sidereal year and Not on Lunar year while Metonic is a moon Cycle, the reason is the Sidereal year 365.25 depends on the Sidereal moon period which is 27.3, and Now we have answer for the question why the moon Cycle depend on the Solar year, that's no longer "pure coincidence"!

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6. The big error in Venus period (8%) attributes to the difference between the Venus Axial Tilt & 180 degrees (180-177.4), actually this error 8% results because of difference 0.2 degrees which considers 0.1% of the Venus Axial Tilt but = 8% of its complementary (2.6 to be 2.4 degrees).

7. But It's important to see How Venus uses her Axial Tilt complementary (180-177.4) = 2.6 which not happen for other planets telling us that Venus regress!! Now the table will give us some reason why the planet regresses!

8. The Earth equation is just similar to the Orbital distance equation depends on Mars Axial Tilt (25.2) / the Mars Orbital inclination (1.88) (365.5=27.3*(25.2/1.88)) but for Mars himself 687 = 25.2*27.3, and this also very similar to the orbital distances equation.

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A GENERAL COMMENT

I wish to explain that, because we don't understand the universe motions, and we consider the Mass is independent that both reasons prevent us to realize the universe Truth vision..

Now these equations which I provided here (Gerges Equations) try to show us how the planets are related and connected to each other.

Because the equations depend on the planets data which no one can create, and even I provide some very equations depend on specific data.

For example, the Planet periods Equation (pages 49) depends <u>on the planet data and his previous planet data just</u> to define any planet orbital period! Such equation surround us and force us to accept the planet are related to each other connected with each other and depends on each other which consider a crucial proof that

<u>The Mass is Created by the Motion</u>

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Chapter Five

The Planets orbital inclination equation

4th Equation

Planet Orbital inclination =13.18 *(F(x))

Where:
13.18: The Moon Motion degrees daily =(360/27.3days)
F(x) Is A Function Of The Planet Axial Tilt & lunar OI &AX

The Planets Orbital inclination table

The Planet	Orbital inclination = 13.18*f(x)	Result	Registered	Error
Mercury	**Mercury orbital Inclination OI. =** 13.18*1/92= **1/7** **1/1/7= 7**	7	7	0
	❖ 1/92 = Mercury AX (0.01= 1/92), Mercury uses his Axial according to the Equation to define his orbital inclination. ❖ This equation shows that the Mercury orbital inclination is 1/(equation Value), which means the Mercury equation is reflective because Moon depends on Mercury and Not mercury depends on the Moon)			
Venus	**Venus orbital inclination** **(13.18)^{1/2}** =3.63 Venus uses the moon degrees according to The equation	3.63	3.44	5.5%
	Note 13.18 /5.18 = 2.54 Where **5.18** the Moon orbital inclination **2.54** (approximately = 2.6) which is Venus Axial Tilt complementary (180-177.4 = 2.6) This is another equation used by Venus to define another number based on the moon motion degrees daily (13.18)			

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Earth	Earth OI = zero **Earth Axial Tilt AX= 13.18*1.88=24.7**	24.77	23.53	5.3%
	1.88 Mars Orbital inclination Note: the Earth uses Mars orbital inclination because the Earth orbital inclination is Zero.			
Moon	**Moon OI = (13.18/6.68)* 2.5= 4.93**	4.93	5.18	4.7%
	6.68 Moon Axial tilt 2.5 Saturn Orbital inclination			
	Saturn orbital inclination shows a relation between the moon and Saturn, because where moon data is available for all the planets because the main number 13.18 of the equation is the Moon Number, the only planet effect in the moon equation is Saturn, which confirms effect of the moon on Saturn (that's proved by the 2737 Cycle phenomenon explain in chapter1 part No. 2 of this study)			
Mars	**Mars AX = 13.18 * 1.88 = 24.778**	24.778	25.2	1.6%
	1.88 Mars orbital inclination			
	Mars uses his Axial Tilt according to the equation, easily he finds his orbital inclination.			
Jupiter	**Jupiter Orbital inclination** $= 13.18/ (3.1)^2 = 1.37$	1.37	1.3	5%
	Where 3.1 Jupiter is Axial Tilt Jupiter uses his Axial Tilt according to the Equation.			
Saturn	**Saturn Orbital inclination =** **(13.18/26.7)*5.18= 2.51**	2.51	2.5	0.3%
	26.7 Saturn Axial Tilt 5.18 Moon orbital inclination Saturn uses his Axial Tilt according to the Equation and easily finds his orbital inclination.			

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Uranus	**Uranus Orbital inclination = 97.8/(13.18*5.18*1.77)** Note/ Uranus regress	0.809	0.8	0
	Where 97.8 Uranus Axial Tilt 5.18 Moon Orbital inclination 1.77 Neptune orbital inclination			
	Uranus uses his Axial Tilt according to the Equation Uranus uses Moon Orbital inclination & Uranus uses Neptune orbital inclination I should explain that I had to use Neptune Number, because I want no any outer Number to use supporting the equation, but there's no way to fight here, because Uranus really depends on Neptune orbital inclination, he gives us this information and prevents us from the imagination! So this information confirmed that the planets depends on each other.			
Neptune	**Neptune Orbital inclination** **= (28.3 * 5.18) / (13.18*6.68) = 1.665** Where 28.3 Neptune Axial Tilt 5.18 Moon Orbital inclination 6.68 Moon Axial Tilt	1.665	1.77	5.9%
	Neptune uses Just the equation components without any outer Value to prove the equation is correct.			
Pluto	**(122.5/13.18) = (3.047)^2** **3.047 * 5.18 = 15.78**	15.78	17.2	8.2%
	122.5 Pluto Axial Tilt 5.18 Moon orbital inclination			
	Pluto uses Just the equation components without any outer Value to prove the equation is correct.			

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The Planet Orbital inclination Table Notes

1. The Equation is Valid for all the Planets, where all the planets follow the equation perfectly except three cases which are

   a. The Earth depends on Mars orbital inclination to define her Axial Tilt because the Earth orbital inclination is **Zero**

   b. The Moon is related and connected with Saturn this information supported also by "the 2737 Egyptian astronomic phenomenon", and the proof I provide in chapter 1/ part no. 2 of this paper.

   c. Uranus depends on Neptune orbital inclination, which is a proof that the planets depended on each other, supporting my argument **the Mass is created by the motion.**

2. I don't form the way by which planet uses his Axial Tilt with 13.18 (the moon motion degrees daily) to define his orbital inclination because that depends on the planet motion which we don't understand yet, and so I left the planet plays with his

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Axial tilt number to be convenient with the equation telling us some information about the planet motion.

3. The Mercury equation appears as a reflective equation because the moon motion degrees daily depends on mercury inclination and Not the Mercury depends on the Moon (the Mercury reflective equation with the moon data are found many times in different equations to support this fact).   .

1. It should be noticed that Venus has 2 equation by which Venus defines her orbital inclination and her complementary Axial tilt, in both equation Venus follows the equation rule clearly, and didn't use any outer number.

2. Uranus & Pluto have reflective equation to define their orbital inclinations because both of them **regresses**

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Part Two

How The Solar Group Planets Motion Can Be Just One Machine?

Introduction[4]:

In this part I provide some of the planets Cycles and motions which we don't study or interest

And then I present some descriptions to explain How the solar group Planets motions can be one Machine

All these descriptions should consider as primary tries to see the solar group according to the new vision

In waiting to reach the great detailed research, forms the solar group planets motions in a single equation.

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[4] I'm very surprised that there's no any study dealt "the 2737 Egyptian astronomic phenomenon"(I present this phenomenon in chapter 1 of Part 2 of this Paper)! 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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Chapter One

The Egyptian Astronomic Phenomenon 2737

1- INTRODUCTION

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

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.

Some interests we got by 2737 Egyptian phenomenon:

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

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1ST SECTION

Why the Lunar year doesn't correspond with the sidereal year at any cycle?[5]

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

We see the 32 Sidereal year a cycle   = 11688 days

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

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

We know that the plane of lunar orbit regresses 19 degrees each year that causes the eclipse to come early 19 days each year[6]

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

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

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

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

That lead to the following results

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

The lunar cycle which contain 33 Synodic year   = 11687.999days

The Sidereal Cycles which contain 32 sidereal year   = 11688 days

Where both come to end in the same day

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

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[5] - the day defines here approximately 86164 seconds where the sidereal year is 365.25 days.

[6] - Total Solar Eclipses and how to Observe them- Martin Mobberley- page. 11

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2ND SECTION

The Basic Lunar Year 360 Days

Now I modified the lunar year already from 354.36 to be

354.1818 days

But there's another year related to the moon,

In this year we should added the modified year 354.1818 to the

difference of days caused by the lunar orbital inclination which was

5.8 days approximately

So 5.8+ 354.1818 = 360 days approximately

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

The Basic Lunar Year

Now we have three types of years

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

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

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3RD SECTION

The 2737 Egyptian Astronomic Phenomenon depends on Metonic Cycle

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

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

Metonic Cycle Number	Sidereal years No. (365.25 days)	Number of modified Lunar year (equals 354.1818 days)		The Basic lunar Year Numbers (360 days) For each Metonic Cycle
		Lunar years in each Metonic cycle	**The Lunar years (354.1818days) Numbers For each Metonic Cycle**	
M. Cycle 1	19 S. Year	**19**	19 Lunar Y. + 210.295 days	19 BLY (Basic Lunar Year) + 99.75d(days)
M. Cycle 2	38 S. Y	**20**	38 L. Y. +420.59d = **39 L. Y + 66.408 d**	38 BLY+ 199.5 d
M. Cycle 3	57 S. Y	**19**	58 L. Y + 276.703 d	57 BLY+ 299.25d
M. Cycle 4	**76 S. Y**	**20**	77 L. Y +486.998 d = 78 L. Y +132.8162 d	76 BLY+399d = **77 BLY+39 days**
M. Cycle 5	95 S. Y	**19**	97 L. Y + 343.111d	96 BLY+138.75d
M. Cycle 6	114 S. Y	**20**	116 L.Y +553.406d = 117 L. Y + 199.224d	115 BLY+ 238.5d
M. Cycle 7	133 S. Y	20	136 L. Y +409.519d= **137 L. Y +55.3374d**	134BLY+ 338.25d
M. Cycle 8	152 S. Y	19	156 L. Y +265.6324d	153 BLY+438d= **154 BLY+78days**
M. Cycle 9	171 S. Y	20	175 L. Y +475.9274d= 176 L. Y + 121.745d	173 BLY+ 17.75d
M. Cycle 10	190 S. Y	19	195 L. Y+ 332.0406d	192 BLY+ 277.5d
M. Cycle 11	209 S. Y	20	214L.Y +542.3356d= 215 L. Y +188.1538d	211 BLY+ 37.25d = 212 BLY+ 17.25d
M. Cycle 12	228 S. Y	20	234 L. Y +398.4488d= **235 L. Y +44.267d**	231 BLY+117d
M. Cycle 13	247 S. Y	19	254 L. Y +254.652d	250BLY+ 216.75d
M. Cycle 14	266 S. Y	20	273 L. Y +464.857d= 274 L. Y + 110.675d	269 BLY+216.5d
M. Cycle 15	285 S. Y	19	293 L. Y +320.9702d	288 BLY+416.25d= 289 BLY+56.25d
M. Cycle 16	304 S. Y	20	321L.Y +531.2653d= 313 L. Y +17.0834d	308 BLY+156d
M. Cycle 17	323 S. Y	20	332 L. Y +387.378d= **333 L. Y + 33.1966d**	327 BLY+255.75d
M. Cycle 18	342 S. Y	19	352L.Y+ 243.4916d	346 BLY+ 355.5d
M. Cycle 19	361 S. Y	20	371L.Y +453.7866d= 372 L. Y + 99.60486d	365 BLY+455.25d= 366 BLY+ 95.25d

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M. Cycle 20	380 S. Y	19	391 L. Y + 309.8992d	385 BLY+195d
M. Cycle 21	399 S. Y	20	410 L. Y + 520.1948d= 411 L. Y +166.013d	404 BLY+294.75 d
M. Cycle 22	418 S. Y	20	430 L. Y +376.308d **431 L. Y +22.12626d**	423 BLY+394.5d= 424 BLY+ 34.25d
M. Cycle 23	437 S. Y	19	450 L. Y + 232.4212d	443 BLY+ 134.25d
M. Cycle 24	456 S. Y	20	469 L. Y +442.7162d= 470 L. Y + 88.5344d	462 BLY+ 234d
M. Cycle 25	475 S. Y	19	489 L. Y +298.829d	481 BLY+ 333.75d
M. Cycle 26	494 S.	20	508 L. Y + 509.1244d= 509 L. Y + 154.9426d	500 BLY+433.5d= 501 BLY+ 73.5d
M. Cycle 27	513 S. Y	20	528 L. Y +365.2376d= **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**

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The Previous Table Study classified into 2 parts

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

1- **Each 32 Metonic Cycles** the last day of modified lunar year (equals 354.1818 days) corresponds with the last day of Metonic cycle which is the Sidereal Year last day where the lunar modified years equal 627 lunar years that equals 608 sidereal years perfectly.

2- The difference days between the Modified lunar year with the Metonic Cycle moves in Cycle and decreases as following (66.4- 55.33- 44.26- 33.19- 22.126- 11.0558 – 0.00 days) at 98 years interval (98 modified Lunar years – which equals 354.1818 days)

3- The modified Lunar years number for each Metonic Cycle shown in the table, and I found the following Modified Lunar Year order **"19-20-19-20-19-20"** repeats once with each Cycle consist of 627 modified Lunar year

    a. That means with the last day of the Metonic Cycle No. 32 which equals 608 Sidereal Years but equals 627 Modified lunar year. after this Cycle ends, and starts the new one the modified lunar year order 19-20-19-20-19-20 will repeat once again as a mark for the new Cycle starting (this order in table marks by Gray color)

    b. We can call the Metonic Cycle no. 32 a Cycle for the modified Lunar year with the Metonic Cycle (this Cycle in Table remarked by Yellow)

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Second Part: The Study Of The column of the Basic Lunar Year (equals = 360 Days)

1- We see in the table the day common fractions spread through the cycles but these fractions unify to be one day each 4th Metonic Cycle which equals 76 Sidereal years (that similar to the Sidereal Year, 3 years equals 365 days and the 4th year is 366 days)…..

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

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

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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

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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 Saroc Cycle is The Eclipse Cycles that made by the Moon itself.. all that say to us, there's great connection between both Cycles..
Because there's a complete year difference between them (regardless the explanation of How that occur!)

And we see this Cycle 2736 Sidereal years needs **a complete sidereal year** to be our phenomenon 2737 …
So Both connected with Great Relation
While the first one depends on the Metonic Cycle that means the second also does.

The Second question about the minus day

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

So each 2736 Sidereal years we have -1 day
So this Cycle will continues to be 10 (-10) days and to consume in one Cycle 3736 Sideral Years
Where 27360 Sidereal years = 1440 Metonic Cycles (which we may call astronomy full day where the solar day equals 1440 Minutes).

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Chapter Two

The Light Nature, Forms & source

1- Introduction

The light forces create this universe..

The same theory of this research can rewrite again as the following:

- The light is an independent force

- The light causes the universe Motions,

- This Motion creates the planet mass, its shape and the planet orbit.. …..etc all of them to be suitable to the Light Motion

- The Planet mass is created by the light motions as the light balancing point (or coherence point).

- **Mass alternative definition**: The Mass is a light Balancing point. (coherence point)

- There are 2 light beams who are continuous through the whole Universe, creating the balancing points between them, for that reason the balancing points are connected with each other and depended on each other.

This is the same theory which this research dealt along our fight to prove

The only new data here is **"the Motion caused by the light, means the Matter made of the light"**

This claim which I need to prove in this chapter

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2-The Proves that "The Mass created by The Light"

A -Anderson experiment

Anderson performed an experiment in 1934 by which he produced e^- /e^+ from Gama rays (its energy more than 1.2 Mev) And that tells us the mass can be produced by the light

B - Yang Experiment

The Young Experiment of the light coherence produced **light lines** and **dark lines**, so the Young experiment shows that the **Darkness** can be produced by the light coherence… this result said by Newton before, So these experiments show that the light has many forms..

C- Experiment e+ /e- collision to produce a Gamma light

This experiment is a common in physics and not just for electron and positron.

Any particle gets collision with his Anti- particle, together they will be a light and their mass will be transferred into light

D- A comment of Anderson experiment

Now, Anderson experiment tells us that when the light produce the Mass, doesn't produce <u>one mass</u> but <u>two masses</u> one of them is against the other… (electron is negative charge and position is positive charge) So If the universe is created by Such, i.e. he Universe just a particle and its Anti-particle!! (day & night/ summer & winter/ male & female/ life & death/ ….etc) why that's not logical to suppose the universe mass created by the light!

E- The wave characteristic

Mentioned before in "the Mass created by the Motion" proves

F- The suitability between the living creatures and the universe astronomy

Mentioned before in "the Mass created by the Motion" proves

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h- The universe continues motion, and why the Light velocity is the standard in the universe?

Mentioned before in "the Mass created by the Motion" proves

I- The church learning that the Mother Of God still virgin after she gave birth to The Lord! Why this learning is useful for us?!

Because this learning tells us **the human body made of light** and in some cases which are not miracles the human body can behave as a light beam, So as the human body may behave as light beam, the Lord Himself behaved as a light beam Through His Mother without pains and didn't tear Her body, So S. Virgin Mary still Virgin after She gave birth to HIM, and the birth is done without Pains… this is a human skill, any one can practice but need some training

K- How to explain The strange skills for the astrology science to predict of the future?

Because the human body and all the universe Masses made by the same 2 light beams, the Motions of the planets and stars which are balancing points of these 2 light beams may effect on our bodies which are also balancing points of these same 2 light beams.. and for that reason the universe is connected together…and that's the reason for which the astrology science predictions still life till this moment!...
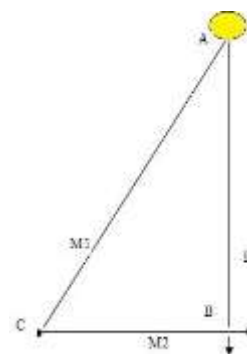
In addition to that, the human history recorded people with special skills as to fly in the Air or to pass through the Walls.. and the reason for such skills is that, they behaved as a light beam.. it's human skill but need training to practice..!

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3- HOW THE LIGHT PRODUCE THE MASS ?

In this item I'll present a suggested idea how the Mass can be produced by the light,

We should remember Young experiment in which he caused the light coherence and got light lines & dark lines..

Now, suppose the Earth is not found, but the moon and the sun are found, what will happen in this case? The sun (A) sends rays to the moon (C) and to the Earth place (B)

That Means, There Are Two Waves Of Light

Which are F1(AB) & M2 (CB), they will have coherence in the Earth location point (Point **B** in the figure)

So the Earth is the point of the **light waves coherence (even if the earth isn't found)**

THE MASS APPEARANCE

We remember the Young experiment results are light lines and dark lines!

I assume if Young himself was a light beam pass this experiment, he would see the light lines as matter where the dark light he'll see as darkness (or Dark matter)

But Young saw just the lights & dark lines because he was an outer observer..

Now, the nature of light causes the universe continuous motion, but the coherent light is not free in his motion, because if the coherent light separated his coherence he'll not be dark lines, he will be just light our of coherence…

that tells us, the Young experiments results will be separated once again and will transform into light, because the darkness found based on the coherence and the coherence can't be continuous because of the Light Nature..

for that reason there's friction on the earth!! To cause the death for all the creatures bodies inevitably!! This is strong proof the creature body made of light…

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Now, at our side, we were Not outer observer as Young, we were inside the light lines and the Dark lines because Our Spirits (which is a light) passed this coherence and after this coherence we got bodies for our spirits and the Universe got the Matter, Because basically the Existence is just light (Spirit- the proof in next point)

And the Matter is accidental showed to us because we ourselves have bodies which are Matter. So the Universe Matter tells us that we and it found under the same conditions..

Conclusion: the material & mass is found because of the waves coherence (forces balancing), where the material is shown for the material person, the vision here is mutual because they found under the same conditions.

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4- Where the light create 2 forms of the Matter (as in Anderson experiment 1934 when he produced electron & positron by Gamma Rays)

So if the light create the Matter, the Light create electron & position as found in Anderson experiment 1934, So the Light must create The Matter & Antimatter…

So where's the antimatter on the Earth? Because we find just Matter can continue in existence?

I think the Light create the matter and antimatter as we see in the electron & positron experiment.

BUT THE TIME IS THE ISOLATOR BETWEEN THE MATTER & ANTIMATTER

but the Matter & antimatter are found on the Earth (female & male for example)

We should notice that **the positron moves backwardness at the time** dimension, which means the positron is not from our time.

And So the **Matter & Antimatter Are Separated From Each Other By The Time.**

So because the time is found and forms the isolator between the Matter and Antimatter, the Matter moves in Cycle suffering the continuous attraction between the positive & negative charges, **which can't reach each other because of the time.** So the Matter moves submitted to the gravitation forces but Not move by the gravitation forces, rather moves portable by the Motion (the light)

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I get this information from the observation..

Because the friction in a component of our life, and the friction causes our consumption leading to death! means the death was just part of the life itself, it gives us just sometime!!

So the light create the Matter in two forms (Matter & antimatter) prevented them to reach each other by the Time isolator and then gives a way to the natural return from the Matter into light by the continuous friction during a specific period of time.

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4- THE LIGHT SOURCES

A- The Human Life Is The Light

Because the human life (Spirit) study often considers related to the metaphysics, I can't write too much about the human life here..

But based on the medical studies we know there's electromagnetic waves inside the human body, in his Heart, brain and his rest body, and these electromagnetic waves always be stopped when the human be dead! Which may support that the human life is the electromagnetic waves in his body which is the light in his body.

The Suggested Universe Structure

All the human spirit considers just one beam of light and the **other beam of light is The Lord Himself The Creator of The Life**

The God is a light and He creates the human in his like (Genesis 1: 26), So the human also is a light beam (Bible said "The God is a spirit (john 4: 24), and also "I'm the world light" (john 8: 12)… that means we see the spirit as a light, so the **human spirit is similar to The Lord Himself both of them we see as a light…** Because of the human sin, **the human moves against the Lord His Creator**

This motion caused the first collision or as I called the first forces balancing (and we were inside the light during this light collision or coherence, for that after the coherence we got our bodies and the universe matter is appeared around us) the human light beam go to death in ignorance because of his Sin but the Lord light Beam catches him (in the forces balancing) to prevent him to die! through the Lord Himself we see all the physics in the Universe Because of his connection with the human light beam He attracts us to Higher

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places through the universe which we see, where the universe physic full of knowledge leading us to the life raising us from the death.. this idea may give some explanations as following:

- That explains why there's permanent smart logic in the universe

- And explains why the human has change to change in the universe & Matter because the Lord creates this universe with human contribution. As in the child birth.. The Lord creates the human body and the desire but the Human do 't by Himself to bear a child in the Universe, and may the Human refuses the Good Lord Idea and destroy this Universe! The human is free to kill himself! But The Lord warns and learns..

- That also explains, when someone die, no one sees his spirit because his Spirit is just light as all the light around us…but the spirit in life can be detected by the electrical pulses which is found in the human brain and heart… and these pulses are electromagnetic waves which are light…

- That also explains why the coincidences should be made before our eyes because this universe Matter is The Lord tool to learn us

We should understand that our spirit surpass this material universe… but the universe is the Lord learning tool for us… And He's the other Light beam guides us to the life…Because The Lord wants to give us His knowledge that's the source of life he catch our light beam creating together this material universe as a learning tool for us all The bible said " …God us exalted by His power; Who teaches like Him? (Job 36: 22)

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Appendix No. 1 : The References

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(the 3 planets alignment prediction)

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Appendix No. 2
Historical and philosophical Data about
2737 Egyptian astronomic Phenomenon

First: The 2737 Phenomenon Chronology

I- THE YEARS

1- The 2737 Phenomenon 3rd Repeat

It occurred on 3rd December 2012

2-The 2737 Phenomenon 2nd Repeat

It occurred at 725 years before The Lord Jesus Christ (notice/ 365 days of Sidereal year +360 days of Basic Lunar year = 725 days.. if we considers the **one day equals one year** (Number 14: 34), if we use this as a measurement for the star (i.e. the one day of the star = one year of the people) that means this 725 years of the people equals 2 years of the star) where the bible defines the period of the star is 2 years (Matthew 2: 16) and this 2 years for the star is 725 years for the people… that says to us the Bethlehem Star was a real star and found before the Lord Birth by 725 years, and the magi monitored this star all this time and visited Israel land at the completion of the period, and because they were afraid from the King Herod they said to him the period without explanation (Matthew chapter 2: 7-18)

2-The 2737 Phenomenon 1st Repeat

It occurred in 3462 before Christ our Lord.. and in this year the Almighty Lord descended on the Sinai Mountain…

The accounts be as following/

From Ibrahim the Father of Isaac to The Lord Jesus Christ 42 generations (Matthew 1st chapter: 1-17) this equal 4200 years

Minus (100 years age Ibrahim at Isaac Birth + 60 years age of Isaac at Jacob Birth + 147 Jacob years old + 430 years the staying of Israel people in Egypt … this all equals 737 years and the Exodus year is 738 because Aviv Month became the first month on the ancient Jews year according to the Lord order (exodus 12: 2)

4200- 378 = 3462 before Christ

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And all these number easily found 2012- 2737 = -725 (i.e 725 BC)

(725 + 2737 = 3462 BC)

So The 2737 Egyptian phenomenon year are as following:

- The phenomenon 1st time occurred in 3462 Before Christ
- The phenomenon 2nd time 725 before Christ
- The phenomenon 3rd 2012 AC

II- THE MONTHS

In the first time the ascending of the Almightily Lord on Sinai Mountain was in the third month of the first year…

I guess the phenomenon occurred with **"the sound of the trumpet was very loud" (Exodus 19: 16)**

That happened in the third month **(where Aviv month was the first month)**

But the remembrance festival should be in the first day of the seventh month (Num 29: 1-6)!!!

The seventh Month in the ancient Jews calendar is the Twelfth Month in our Calendar which is December

That because the Month Aviv Become the First month in the ancient Jewish calendar..

So the month of this phenomenon is December always (and the ancient Egyptian interest of the date 21st December supports this idea)

III- THE DAYS

The first time was on 1/12/3462 before Christ

But our time of the 2737 Phenomenon occurred on 3rd December 2012AC

And that means the days transferred with the repeat time, i.e.

- The 1st time occurred on the 1st day of the December
- The 2nd time occurred on the 2nd day of the December
- The 3rd time occurred on the 3rd day of the December

And then the correct dates as following

- **1/12/3492 BC (2737 phenomenon first time)**
- **2/12/725 BC (2737 phenomenon second time)**

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- **3/12/2012 AC   (2737 phenomenon third time)**

Note/

The numbers consistency between the real astronomic events with the bible dates means that there's no mistake in the accounting of the lord Christ birth date, and that means Our Lord Jesus Christ is born in the 1st AC (specifically on 1st day of January of 1st AC – the holy pregnancy first day was on 27/3/1 BC – and that because the saint Noah came out of the ship on 27/2/601 (Gen 8: 14) and that was the **second Birth of the humanity** for that **the month was the second month** and **so the third birth of the humanity will be our Lord Birth which should be on twenty seventh day of the third month,** i,e, 27/3/1BC, while the period from this date to the birth on 1/1/1AC is equal 273 days and this number is mentioned on (Num 3: 46) while The Scientist Origen Said that's the period needed for the child to be born. (Origen -Number book 1st part)

Second: The distance 2737 Million kilometers

The distance from the planet Venus to planet Uranus equals 2737 millions kilometers

But not exactly from the planet Venus, but after it

At a point in distance between The Venus and The Earth

At distance 25 M km from the Venus and at distance 17 M Km to the Earth

From this point to planet Uranus this distance is 2737 Million Kilometers

Has this distance any relation to the phenomenon 2737 or that just happened by a chance? This question I'll write with others in the appendix no. 2

Third : Another Information About 2737 Phenomenon

It's very strange information

From Genesis chapter 5 we found

- Adam age was 930 years   (the 1st human)
- Seth age was 912 years   (the 2nd generation)

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- Mahalalel age was 895 years (the 5th generation)

So 930+ 912 + 895 = 2737 years!!!!

Not only their ages totality equals the Egyptian phenomenon period

But also their order

Because the phenomenon planets are

- **Mercury**   **(the first planet near the sun)**
- **Venus**   **(the second planet near the sun)**
- **Saturn**   **(The fifth planet near the sun if we don't account the earth)**

Now, that must be happened by chance!!! Otherwise who can explain such puzzle!!!!

In reference to Point No. 6 (the Light Source), I assumed the Light is a human spirit! Now we see <u>The human behaves as a planet</u>!!!

Puzzle still even more complex!

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Итоговые государственные экзамены:

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