

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

The 2737 Egyptian Phenomenon & Its identical distance 2737 millions km

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Abstract

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

I studied this phenomenon and proved in this paper

Part one - The 2737 Egyptian Phenomenon depends on Metonic Cycle

Part Two - The 2737 Egyptian Phenomenon related to the distance 2737 millions km from Uranus till before the Sun with 135.5 millions km. where the Cycle 2737 and it's identical distance 2737 millions km are related to each, effect on each other mutually.

As well as I'll explain the meaning of the Cycle period & its identical distance relation & effect..



**The Mother Of God Day
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Written in Cairo – Egypt**

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Part 1

Does 2737 Egyptian Phenomenon Depend On The Metonic Cycle?

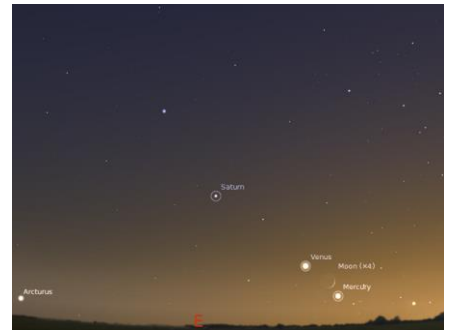
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Introduction

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



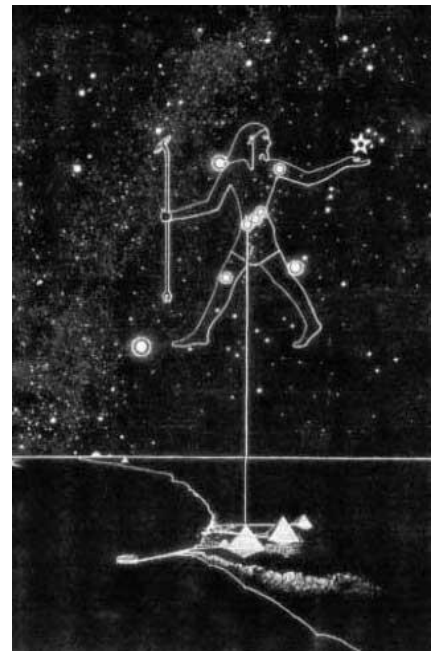
And in this study I may prove that this 2737 Egyptian Phenomenon depends on the Moon Metonic Cycle!

And then may I face the hard question to explain how the three planets (Mercury, Venus and Saturn) connected to the Earth moon and move according to his Cycle!

In this introduction I'll refer just to some interests we got by the 2737 Egyptian phenomenon¹.

The interests we got by 2737 Egyptian phenomenon may be written as following:

- ❖ *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*, we may claim that the Pyramids builders built the three Pyramids specifically for the 2737 Egyptian phenomenon.
- ❖ What the message the pyramids builders want us to know through the 2737 Egyptian astronomic phenomenon?



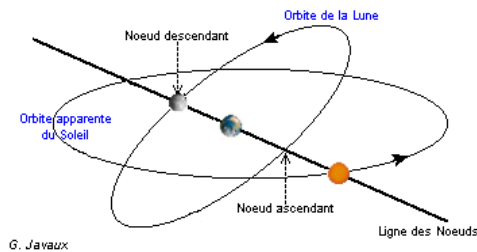
Now I'll try to prove that the 2737 astronomic Egyptian Phenomenon depends on the Moon Metonic Cycle

¹ - In appendix No. 3 of this study there are reports for the actual following of the 2737 Egyptian phenomenon in addition to the reports before its actual occurrence..

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1st Section

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



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

We see the 32 Sidereal year a cycle = 11688 days

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

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

We know that the plane of lunar orbit regresses 19 degrees each year that causes the eclipse to come early 19 days each year³

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

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

Can I suppose that this difference between Sidereal Cycle 11688 days and Lunar Cycle 11693.88 days which equals 5.8 days caused by the lunar plane inclination 5.14 degrees (later we will discuss How?)

When we divided this inclination value 5.14 degrees (or the period 5.8 days) at 360 we find that,

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

That lead to the following results

- The correct Synodic month is 29.515
- The correct Synodic year is 354.1818 days

And by such way

The lunar cycle which contain 33 Synodic year = 11687.999days

The Sidereal Cycles which contain 32 sidereal year = 11688 days

Where both come to end in the same day

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

And so the difference between the sidereal year and modified Lunar year will be 11.64 days (11 days + 1.62 hr)

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

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

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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

So we may see the 2737 Egyptian astronomic Phenomenon as a result for this effect.

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3rd Section

THE METONIC CYCLES YEARS

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.

IN THE FOLLOWING TABLE WE'LL SEE HOW THE METONIC CYCLE EFFECT ON THE DIFFERENT YEARS

Metonic Cycle Number	Sidereal years No. (365.25 days)	Number of modified Lunar year (equals 354.1818 days)		The Basic lunar Year Numbers (360 days) For each Metonic Cycle
		Lunar years in each Metonic cycle	The Lunar years (354.1818days) Numbers For each Metonic Cycle	
M. Cycle 1	19 S. Year	19	19 Lunar Y. + 210.295 days	19 BLY (Basic Lunar Year) + 99.75d(days)
M. Cycle 2	38 S. Y	20	38 L. Y. +420.59d = 39 L. Y + 66.408 d	38 BLY+ 199.5 d
M. Cycle 3	57 S. Y	19	58 L. Y + 276.703 d	57 BLY+ 299.25d
M. Cycle 4	76 S. Y	20	77 L. Y +486.998 d = 78 L. Y +132.8162 d	76 BLY+399d = 77 BLY+39 days
M. Cycle 5	95 S. Y	19	97 L. Y + 343.111d	96 BLY+138.75d
M. Cycle 6	114 S. Y	20	116 L.Y +553.406d = 117 L. Y + 199.224d	115 BLY+ 238.5d
M. Cycle 7	133 S. Y	20	136 L. Y +409.519d= 137 L. Y +55.3374d	134BLY+ 338.25d
M. Cycle 8	152 S. Y	19	156 L. Y +265.6324d	153 BLY+438d= 154 BLY+78days
M. Cycle 9	171 S. Y	20	175 L. Y +475.9274d= 176 L. Y + 121.745d	173 BLY+ 17.75d
M. Cycle 10	190 S. Y	19	195 L. Y+ 332.0406d	192 BLY+ 277.5d
M. Cycle 11	209 S. Y	20	214L.Y +542.3356d= 215 L. Y + 188.1538d	211 BLY+ 37.25d = 212 BLY+ 17.25d
M. Cycle 12	228 S. Y	20	234 L. Y +398.4488d= 235 L. Y +44.267d	231 BLY+117d
M. Cycle 13	247 S. Y	19	254 L. Y +254.652d	250BLY+ 216.75d
M. Cycle 14	266 S. Y	20	273 L. Y +464.857d= 274 L. Y + 110.675d	269 BLY+216.5d
M. Cycle 15	285 S. Y	19	293 L. Y +320.9702d	288 BLY+416.25d= 289 BLY+56.25d
M. Cycle 16	304 S. Y	20	321L.Y +531.2653d= 313 L. Y +17.0834d	308 BLY+156d
M. Cycle 17	323 S. Y	20	332 L. Y +387.378d= 333 L. Y + 33.1966d	327 BLY+255.75d
M. Cycle 18	342 S. Y	19	352L.Y+ 243.4916d	346 BLY+ 355.5d
M. Cycle 19	361 S. Y	20	371L.Y +453.7866d= 372 L. Y + 99.60486d	365 BLY+455.25d= 366 BLY+ 95.25d
M. Cycle 20	380 S. Y	19	391 L. Y + 309.8992d	385 BLY+195d
M. Cycle 21	399 S. Y	20	410 L. Y + 520.1948d= 411 L. Y +166.013d	404 BLY+294.75 d

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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 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,

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- 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... and these questions will be answered in the next Section (4th Section)

The General conclusion

after I proved that the 2737 Egyptian astronomic Phenomenon depends on the Metonic Cycle, we face the hard question to explain How the three planets Mercury, Venus and Saturn are connected with the Earth Moon, and move depend on his Cycle ...?!

While our previous proof got a **huge support from the phenomenon itself where the three planets aligned up the pyramids heads on the Earth which connected to the Moon perfectly**, which support the idea these three planets connected to the Earth Moon and depend on his Cycle in their movements... this question and others we wrote in the appendix No. 2 I'll try to answer in the Part No. 2 of this study.

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4th Section
The Rest two questions

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?

And the answer is easy,

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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Part Two

The 2737 Egyptian Phenomenon related to the distance 2737 millions km from Uranus till before the Sun with 135.5 millions km.

Where the Cycle and it's identical distance are related to each, effects on each other mutually.

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



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Section 1 : The Cycle period & its identical distance theory

This theory (which is called the Mirror theory) tells us

**"Each Cycle Period In Solar System Has Its Identical Distance,
Where The Cycle Period & Its Identical Distance Effect On Each
Other Mutually"**

i.e.

The planets orbital distances are the Total Additions for all the identical distances related to all Cycles periods in the solar system. ("Cycles Periods" include, the planet rotation period, day length, orbital period & synodic different cycles periods.. etc)

Let's study one example in details to understand what this theory tells us and How we can prove that..

We know " **The Precession of the Equinoxes Cycle 25920 years**"

This is a Cycle...

- The theory tells us this "The Precession of the Equinoxes Cycle 25920 years" **has an identical distance** related to this Cycle and effects on each other mutually!!
- Let's try to find this identical distance...
- We will suppose, there's a distance = 25920 millions km .. it's just supposition has no any support
- How many seconds the light needs to pass through this supposed distance?
- **25920 millions km / 0.3 million km/ s = 86400 seconds**
 - ❖ 25920 millions km : The supposed identical distance
 - ❖ 0.3 million km / s : The light velocity in seconds
 - ❖ 86400 seconds :The solar day seconds

This previous example is a proof that there's **an identical distance** for the Cycle 25920 years,

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That because the light velocity will have the value 0.3 million km /s just if we use millions km and Not years

And that means The Number 25920 are 25920 millions km and Not 25920 years

Which tells us this theory is a correct

I think that because the three components of the previous calculation are real numbers in the solar system, for that I considered the theory is real. So if the **resulted seconds** are any other number of seconds I would not use it and can't accept the theory is correct.

But just because this calculation produced The solar day seconds, I have to consider this theory is correct.

Note please:

The original paper discussed "the Mirror theory" from which I quoted these parts, is

"Time & Distance Definitions In The Solar System"

Which is found here

http://mts-nphys.nature.com/nphys_files/2015/07/09/00030543/00/30543_0_art_file_223984_nr8jkr.pdf

and here

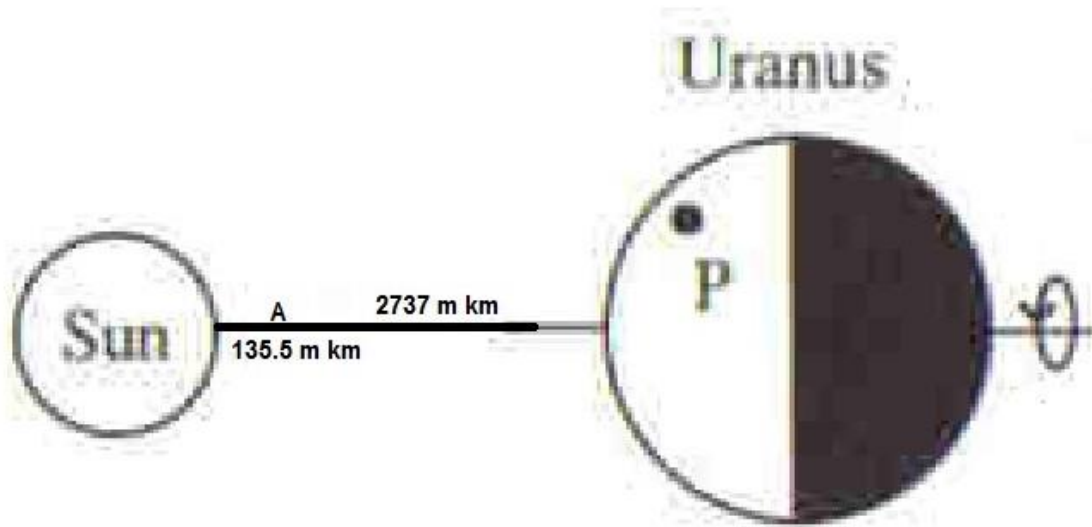
<https://www.academia.edu/s/53e54b0387>

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Section 2: The distance 2737 millions Km

The Distance 2737 millions km

If we start from Uranus towards the sun we'll find a distance 2737 millions km reaches to point before the sun with 135.5 Millions km. I call this point "**Point A**" ... as shown in figure..



So

- 1- From Point A to The Sun the distance is 135.5 millions km
- 2- From Point A to Uranus **the distance is 2737 millions km**

So we have a cycle which 2737 years and its identical distance 2737 millions km which is the line between Uranus and Point A.

Now we need 2 proves

- 1- A proof that, **The point A is a real point** found based on the solar system and not imaginary point.
- 2- A proof this distance 2737 millions km is related to the Cycle period 2737 years.

To perform this proof, I have to define **Point A** through 4 different ways..

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"Point A" Definitions

1st Definition of Point A

Point A divides the distance between Earth & Venus as following

- **From Venus to Point A "135.5 -108.2" = 27.3 million km"**,
(Note: The moon Sidereal Cycle is 27.3 days, which can be the identical Cycle for this distance)

- From Earth to Point A "149.6 – 135.5 = **14.1 millions km"**
 - ❖ $2\pi * 14.1 = 44.3$ millions km (44.3 m km the distance between Venus & Earth while Earth is aphelion $108.2 + 44.3 = 152.5$ millions km.. error 0.2%)

The previous calculation tells us, Point A location not just defines the cycle 2737 identical distance which is 2737 m km from Uranus to point A But also "point A" defines the distance 27.3 m km to Venus which can be the identical distance to the moon sidereal Cycle & 14.1 millions km which is the Circle radius whose circumference = the Venus /Earth distance while Earth in aphelion.

Note: I consider the "point A" division for 27.3 m km & 14.1 m km distances is **a proof for my theory**, because the first number 27.3 can be considered an identical distance for moon Cycle and the second number is **Real Distance Factor** between Venus & Earth which means this calculation depends on the solar planets facts..

That tells us, till Now there are **2 Different Cycles** define the same location for "the point A".
(The 2 cycles are: Cycle 2737 years & Cycle 27.3 days)

Additional calculations

In Equation $2\pi R = S$ and then $2\pi r = C$

If

$$C = 2872.5 \text{ millions km (The Uranus orbital distance- error 0.4\%)}$$

So

$$R = 73 \text{ millions km}$$

73 millions km = 14.1 * 5.17 (The moon orbital inclination)

Comments at 1st definition:

- I wish the reader agrees to us the equation " $2\pi r = S$ And Then $2\pi s = C$ " because this equation is used commonly in the solar system,

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for example if **R** is the **Earth orbital distance (149.6 m km)**, So
C will be **Pluto orbital distance (5870 m km)**.

2nd definition of Point A

Mercury Day is 175.97 days (4222.6 hours)

If we suppose there's an identical distance for Mercury day = 175.97 millions km

R= 175.97 millions km, So its circumference is

$$\diamond 2\Pi R = 2\Pi *175.97 = 1106 \text{ millions km} \quad (1)$$

We know "**Point A**" locates at 135.5 m km from the Sun

So we have 3 steps to find our required Number

1- $135.5 \text{ m km} (\Pi+1) = 561.35 \text{ m km}$

2- $561.35 \text{ m km} * 2\Pi = \underline{1764.26 \text{ m km}}$

3- **Sun / Uranus distance** $2872.5 - \underline{1764.26} = 1108.2 \text{ mkm} \quad (2)$

It's clear that (1) = (2) (error less 0.1%)

So from 1 & 2 we may deduce the following

- There's an identical distance for Mercury Day 175.97 days equals 175.97 millions km
- The Circumference of Mercury day identical distance is a distance defined by length 1106 m km from the sun and this distance is defined by "**point A**" location

That tells us, till Now there are 3 Different Cycles define the same location for "**The point A**".

Note

- I wish the reader agrees to use the Factor ($\Pi+1$) in previous calculation, because this factor is used commonly in the solar system relations ... for example:

$$\diamond 1407.6 \text{ hours (Mercury rotation period)} * (\Pi+1) \text{ in} = 5831.5 \text{ hours (Venus rotation period- error less than 0.1\%)}$$

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88 (Mercury orbital period $\times (\Pi+1)$) = 364 days which equals the mercury Circumference distance 364 millions km where the distance 364 m km is the identical distance of the Cycle 364 days.

3rd Definition Of Point A

- We know the moon sidereal year 327.6 days. Has this Cycle an identical distance? I suppose its distance is 327.6 millions km
- **327.6 millions km** = 2.41 millions km (the moon orbit circumference) * 135.5 millions km "Sun/ Point A distance"

Note/

moon orbit circumference $2\Pi R = 2 \times \Pi \times 0.384$ million km 2.41 m km

The previous calculation tells us "Point A" is defined also by the identical distance of the "moon sidereal year 327.6 days "

That tells us, till Now there are **4 Different Cycles** define the same location for "The point A".

Note please

The moon orbit circumference "2.41 m km" not just help to define 327.6 Cycle identical distance but he also defines other distances as following:

- 364 millions km (the Mercury Orbit Circumference) / 2.41 millions km (the moon orbit circumference) = 151 millions km (the Earth orbital distance error 1%)
- 17 millions km (Earth at aphelion/ point A) * 2.41 millions km (the moon orbit circumference) = 41 million km (the distance between Venus & the Moon).

That tells us to use 2.41 m km to define the Cycle 327.6 identical distance is logical procedure which is used for many other Distances.

Another definition for the distance 327.6 m km

- o Suppose 372.6 millions km = 2\Pi R So, R = 52.1 m km this is a distance from the moon towards Mercury to define this identical distance

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- So the distance 327.6 millions km locates as the Circumference for a radius 52.1 m km as distance from the moon in Mercury Direction.
- $R = 52.1 \text{ m km}$ is defined also by Mercury according to this equation: $(364 \text{ millions km} / 7) = 52 \text{ millions km}$, where
 - 364 millions km is the **Mercury Orbit circumference** = $2\pi R$ where R is 57.9 millions km
 - 7 is the **Mercury orbital inclination**
 - So $R = 52.1 \text{ m km}$, this number is defined by Mercury Data basically
- That means $R = 52.1 \text{ m km}$ is defined by Mercury data and its $2\pi R = 327.6 \text{ m km}$ which is identical distance for the moon sidereal year..
- Note also please, even $R = 52.1 \text{ m km}$ defines "**The point A**" to start the distance 2737 millions km, according to the following equation
- **$R (52.1) * 2.6 = 135.5$** millions km where:
 - 2.6 is Venues complementary axial tilt (180- 177.4 degrees = 2.6 degrees).
 - 177.4 degrees is Venus Axial tilt
 - $R = 52.1 \text{ m km}$
 - 135.5m km is the distance between the Sun & point A

That tells us

That tells us, till Now there are **5 Different Cycles** define the same location for "**The point A**".

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4th definition of Point A

As we studied **"Point A"** divides the distance between Venus & Earth into

- From Venus to Point A = 27.3 m km
- From the earth to Point A = 14.1 m km
- So Venus / Earth distance = 27.3+14.1 = 41.4 m km

But these numbers are defined by other equations as following:

A- 27.3 * 14.1 = 385

- ❖ 385 = 148 mkm (Sun / Earth distance- error 0.5%) * 2.6 (Venus complementary Axial tilt)
 - Note please 180 -177.4 Venus Axial tilt= 2.6.
- ❖ 385 = 57.9 mkm (Mercury orbit Radius) * 6.68 (Moon Axial tilt)

B- 152.5 (Sun/ Earth distance at aphelion) – 135.5 (Sun/ Point A distance) = 17 million km

- 17 mkm * 2.41 mkm (Moon orbit Circumference) = 41 mkm (the distance between Venus & the moon)
- This tells us the Earth aphelion to the sun is controlled by the Venus/ Earth distance which support **"the point A location"** fact supporting the 2737 m km identical distance for the cycle 2737 years.

That tells us, till Now there are **6 Different Cycles** define the same location for **"The point A"**.
Which makes this point is a real where can't be resulted by any 6 "pure Coincidences"

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Comment on the Cycle 2737 & its identical distance

The basic question in Cycle 2737 is:

Where "The 2737 Egyptian astronomic phenomenon", which occurred in Egypt on 03/12/2012, in which the three planets **Mercury, Venus & Saturn** aligned at the three pyramids in Egypt,

So,

Why its identical distance which equals 2737 millions km is a line from Uranus to Point A (Sun/ Point A distance is 135.5 millions km) because in this case the line between Uranus & point A includes just Saturn, where Mercury & Venus are out of this line?!

Why the distance 2737 m km doesn't start from the Sun to before Uranus by the distance 135.5b m km and by such way all the 2737 Cycle members will be located inside this distance line?

To answer this question I should write 3 points, as following

I- The calculations general discussion

II- The moon orbit effect.

III- The Mirror

I- The calculations general discussion

A-

The basic question or critic against these calculations is "why this calculation isn't a Pure coincidence of Numbers" specially because we don't understand the relation which creates such calculations?

Let's try to answer this hard question

Suppose this relation $A * B = C$

If the A, B & C are solar system data, How to know this equation is a real relation in the solar system or just "pure coincidence"?

I think if we provide a complete plan for the solar data (even without understanding the basic relation which creates such calculations), **the complete plan is a proof, because it's very difficult to have so many "pure Coincidences" for all the solar system data!**

Let's study one detailed example as short reference for the whole plane.

If we use Kepler second law for the solar system planets, we'll see that the Factor 25 is constant for all the planets, where 25.2 is Mars Axial Tilt, Now it can't be "pure coincidence for all the planets"

The following table shows that

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

(Kepler 2nd Law)

Where

- **P** : The Planet orbital period
- **d** : The Planet orbital distance
- **25.2**: Mars Axial Tilt

The results in following:

Planet	P^2	* 25	= d^3	Error
Mercury	$(88)^2$	*25	$(57.9)^3$	0.2%
Venus	$(224.7)^2$	*25	$(108.2)^3$	0.3%
Earth	$(366)^2$	*25	$(149.6)^3$	0
Mars	$(687)^2$	*25	$(227.9)^3$	0.3%
Jupiter	$(4331)^2$	*25	$(778.6)^3$	1.4%
Saturn	$(10474)^2$	*25	$(1433.5)^3$	1%
Uranus	$(30589)^2$	*25	$(2872.5)^3$	1.3%
Neptune	$(59800)^2$	*25	$(4495.1)^3$	1.5%
Pluto	$(90588)^2$	*25	$(5870)^3$	1.4%

That tells us there's a relation between all solar planets & the constant 25 which can 't be "pure coincidence" to have the same constant for all the solar group planets.

Now 25.2 is Mars Axial Tilt, So we need to explain why the same constant for all the solar planets? and why the Mars axial tilt?

That's tells us the planets are depended on each other & this dependency is related to Mars deeply.

Note please:

"I use Nasa Data sheet, found before the introduction of this paper, but if you use the seconds & meters units you'll find the constant is 0.297 approximately, which tells us the basic idea is the same, but in this case we need to know Mars Axial tilt based on new units. And in all cases we need to define this constant, and why the same constant is used for all the solar planets?"

In all cases

to suppose all this table produced **the same constant** for all the planets considering that as "pure Coincidence"! it's hard to accept!!

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B-

I consider the universe is created by the relations, for that any relation (whose components are solar system data) I accept as a solar system relation and don't consider any of them "pure Coincidence". I don't try to explain anything, I just follow the relations to see where they go.

- For example, I don't know why the distance from Venus to "Point A" which equals 27.3 millions is the identical distance to the moon sidereal Cycle 27.3 days! Because the moon is in the other Side related to the Earth, now this distance still far from the moon with 14.1 millions km! in this case I follow the numbers where I consider they are my teachers. So I accept the distance 27.3 mkm is the identical distance for the moon Cycle and I should find a **logical explanation** for that.. this is part of the learning process from the universe.

II- The moon orbit effect.

Now let's try to answer our hard question, why 2737 millions km doesn't start from the sun to include all the members planets in the Cycle 2737 to be inside it?

A-

The "the 2737 Egyptian astronomic Cycle" depends on the Metonic Cycle I proved that in the detailed study of it in appendix No. 1

Actually $2736 \text{ years} = 19 * 144 = 684 \text{ years} * 4$

These equations explain why the Cycle 2737 depends on Metonic Cycle but the full proof in appendix No. 1 with the tables of the Cycle 684 years will help completely to accept this fact that

"The 2737 Egyptian astronomic Cycle" depends on the Metonic Cycle

We know Metonic Cycle is the Moon motion orbit Cycle,

So the 2737 Cycle depends on moon motion orbit

And found because of this Motion..

For that reason its identical distance starts from the moon orbit cycle..

B-

The second proof that the 2737Cycle depends on the Moon motion orbit is the phenomenon itself,

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Because the three planets (Mercury , Venus & Saturn) aligned above the three Great pyramids in Egypt

Where the three planet alignment above the Earth is the moon trajectory who always turns around the Earth performing all the possible alignments above which is followed by the three planets

That tells us also the distance 2737 Cycle starts from the moon motion orbit.

C- Mercury & Venus follow Moon motion orbit

Because Mercury & Venus are members in Cycle 2737, that means they also follow the moon orbit motion, that tells us the moon orbit depends on the Mercury & Venus relation, may be that explains the distance 27.3 millions km in Venus Side (also may explain the mercury reflective equation which always found related to the Moon, which I discussed the Mars data analysis paper

http://mts-nature.nature.com/nature_files/2015/05/15/00268540/00/268540_0_art_file_2415498_n559s1.pdf

III- The Mirror

We have 2 cycles identical distances now in the apposite side!!

- 27.3 millions km (Venus / Point A distance) which locates at the other side from the moon!
- 2737 identical distance extends from point A (far from the sun 135.5 millions km) to Uranus (where inside this line just Saturn where Mercury & Venus are out)
- This is similar to moon orbit regression, while the moon circles the Earth, the moon orbit Circles the Earth in the other side, where the moon orbit motion regresses 19 degrees yearly!! (So the Nodes are shown as circle the Earth in opposite Side for the moon motions direction)

And why this strange behavior is repeated as such?

this point is our basic discussion in the chapter three, I'll provide just the question, and then we should discuss the answer in chapter three..

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Appendix No.1

The 2737 phenomenon references

In following I presented some references for the phenomenon report after & the event on 03/12/2012

I- References for the 2737 phenomenon. Actual Event Registration

<http://earthsky.org/space/photos-from-friends-december-3-2012-line-up-of-three-planets>

<http://modernsurvivalblog.com/space/planetary-alignment-with-pyramids-of-giza/>

<http://sciencespiritzer.fullblog.com/alignment-of-planets-on-the-pyramids-12032012.html>

<http://beforeitsnews.com/alternative/2012/12/3-pyramides-of-gizeh-3-dec-2012-star-alignment-confirmed-2507300.html>

<http://modernsurvivalblog.com/space/planetary-alignment-with-pyramids-of-giza/>

<http://forum.gdvplanet.com/topic/369-planets-align-with-giza-pyramids/>

<http://missiongalacticfreedom.wordpress.com/2012/12/02/december-3-2012-planetary-alignment-with-giza-pyramids-orions-belt/>

<http://modernsurvivalblog.com/space/planetary-alignment-with-pyramids-of-giza/>

<http://sciencespiritzer.fullblog.com/alignment-of-planets-on-the-pyramids-12032012.html>

<http://beforeitsnews.com/alternative/2012/12/3-pyramides-of-gizeh-3-dec-2012-star-alignment-confirmed-2507300.html>

II- References for the 2737 phenomenon. Predicting Event Reports

<http://galacticconnection.com/mercury-saturn-and-venus-aligned-on-dec-3-2012-with-the-pyramids-at-giza>

<https://www.youtube.com/watch?v=-jf5goxK41A>

<http://astroblogger.blogspot.com.au/2012/08/no-there-will-not-be-planets-aligned.html>

<http://blogs.nature.com/houseofwisdom/2012/08/planets-alignment-on-pyramids-image-is-not-very-accurate.html>

<http://2012thebigpicture.wordpress.com/2012/12/01/significance-of-the-giza-pyramid-planetary-alignment-on-december-3rd-2012/>

<http://www.snopes.com/science/astronomy/giza.asp>

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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

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

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- The phenomenon 2nd time 725 before Christ
- The phenomenon 3rd 2012 AC

II- THE MONTHS

In the first time the ascending of the Almighty 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)**
- **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**

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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 explanation for Number book 1st part)

Second : 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)
- 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!!!!

Any way we have many other puzzles in the next appendix which we'll try to deal in the second part of this study.....

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EDUCATION

- Moscow – Peoples Friendship University Of Russia –
Since 2010 Till 2012 – Faculty Of Science (Physics And
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- A Training Course Russian language - Nizhniy
Novgorod – Russia - during 2007- 2008 .

- Goethe Institute In Cairo During 2001- 2006

- Bachelor degree of commerce Ain shams university –
Cairo 2000

- Additional studies of philosophy & theology

LANGUAGES

- Mother tongue is Arabic language
- English language
- Russian language
- German language

Work

Translation, proofreading, and editing.

Computer Skills

work with MS Office (Word, Excel, Power Point, etc.),
Adobe Acrobat (full), WinZip, WinRar, etc.

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DATA**

- Date of Birth : 09/10/1974 – Cairo.
- Martial status : Single
- Nationality : Egyptian
- Religion : Christian

BEST REGARDS