

Is the 2737 Phenomenon a real one? (II)

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Abstract

Paper Hypotheses

(I)

2737 is A Real Astronomical Phenomenon

(II)

2737 cycle depends on Pluto Motion Concept

(III)

2737 Cycle is effected by Uranus Motion

Pluto Motion Concept (Revision)

- Light with velocity 1.16 mkm/sec travels for 1 second only
 - This light motion energy causes a planet to move for 1 solar day
 - (Specifically) Light Motion for 1 second causes Pluto to move 1 solar day
 - Pluto motion for 1 solar day causes Solar Planets Creation Process
 - Pluto moves -during a solar day- a distance = 406000 km
 - That's why Pluto Motion Daily =406000 km = Solar Planets Diameters Total
- Based on this description ...

$$A = \frac{\text{Light Motion For 1 Second (velocity 1.16mkm/sec)}}{\text{Pluto Motion for 1 solar Day (velocity 0.406mkm/ day)}} = 2.85714$$

Conclusion

The Rate (**A=2.8571**) Controls Solar Group Basic Data

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Is the 2737 Phenomenon a Real One? (I) <http://vixra.org/abs/1901.0381>

The Assumption Of S. Virgin Mary.

Written in Cairo – Egypt

28th August 2019 (S. George)



1-Introduction

The Cycle 2737 was my research starting point
Let's review its history in following....

During November & December 2012 this image was seen frequently on media – with claim that – the 3 planets (Mercury – Venus and Saturn) will have alignment on the Egyptian 3 great pyramids heads on 3rd December 2012
Someone claimed the cycle is repeated once each 2737 years



Is this phenomenon a real one or not? we don't need to wait 2737 years to answer this question –Even in the defined very day 3rd/12/2012 no confirmation is told if this cycle is a real one or not – where many claimed that they recorded the event and many others claimed that's mere fake news (I attach both sites in references)

Generally I don't like the noisy – and don't interest for the un-trustee facts – I need a clear logic and strong reasoning to accept any fact...

The simple question can help us greatly ...

Can we explain theoretically why any cycle is done?

Earth Orbital Period =365.25 days **WHY?**

Sometimes the question moves further..... for example, Why Mercury Day Period (176 solar days approximately) = 2 Mercury Orbital Periods (88 days)?

The simple question is a real candle in our hand – because if we understand theoretically why any cycle is done that may help us to conclude if there's really a cycle repeated each 2737 years...

What I'm doing here is some improvement for astrophysics research methods – and based on this improvement – we will no longer accept simply the observational results but we may explain theoretically how this resulted data is created

Shortly – there's no any theoretical reasoning answers the question – simply we don't know why any cycle is created!

Based on that we have to move through darkness!

What we should do here to help our research and prove its hypotheses?

I claim the cycle 2737 is real one and depends on Pluto Motion Concept-

Now let's forget about the cycle reality or not...

We will discuss the relationship between this cycle and Pluto motion concept – later we may analyze Uranus effect on this Cycle –

Based on this analysis results may we can discover if this cycle is a real one

Let's start immediately

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

2- Methodology

Planetary Fact Sheet – Metric

	<u>MERCURY</u>	<u>VENUS</u>	<u>EARTH</u>	<u>MOON</u>	<u>MARS</u>	<u>JUPITER</u>	<u>SATURN</u>	<u>URANUS</u>	<u>NEPTUNE</u>	<u>PLUTO</u>
Mass (10 ²⁴ kg)	0.330	4.87	5.97	0.073	0.642	1898	568	86.8	102	0.0146
Diameter (km)	4879	12,104	12,756	3475	6792	142,984	120,536	51,118	49,528	2370
Density (kg/m ³)	5427	5243	5514	3340	3933	1326	687	1271	1638	2095
Gravity (m/s ²)	3.7	8.9	9.8	1.6	3.7	23.1	9.0	8.7	11.0	0.7
Escape Velocity (km/s)	4.3	10.4	11.2	2.4	5.0	59.5	35.5	21.3	23.5	1.3
Rotation Period (hours)	1407.6	-5832.5	23.9	655.7	24.6	9.9	10.7	-17.2	16.1	-153.3
Length of Day (hours)	4222.6	2802.0	24.0	708.7	24.7	9.9	10.7	17.2	16.1	153.3
Distance from Sun (10 ⁶ km)	57.9	108.2	149.6	0.384*	227.9	778.6	1433.5	2872.5	4495.1	5906.4
Perihelion (10 ⁶ km)	46.0	107.5	147.1	0.363*	206.6	740.5	1352.6	2741.3	4444.5	4436.8
Aphelion (10 ⁶ km)	69.8	108.9	152.1	0.406*	249.2	816.6	1514.5	3003.6	4545.7	7375.9
Orbital Period (days)	88.0	224.7	365.2	27.3	687.0	4331	10,747	30,589	59,800	90,560
Orbital Velocity (km/s)	47.4	35.0	29.8	1.0	24.1	13.1	9.7	6.8	5.4	4.7
Orbital Inclination (degrees)	7.0	3.4	0.0	5.1	1.9	1.3	2.5	0.8	1.8	17.2
Orbital Eccentricity	0.205	0.007	0.017	0.055	0.094	0.049	0.057	0.046	0.011	0.244
Obliquity to Orbit (degrees)	0.034	177.4	23.4	6.7	25.2	3.1	26.7	97.8	28.3	122.5
Mean Temperature (C)	167	464	15	-20	-65	-110	-140	-195	-200	-225
Surface Pressure (bars)	0	92	1	0	0.01	Unknown*	Unknown*	Unknown*	Unknown*	0.00001
Number of Moons	0	0	1	0	2	79	62	27	14	5
Ring System?	No	No	No	No	No	Yes	Yes	Yes	Yes	No
Global Magnetic Field?	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Unknown
	<u>MERCURY</u>	<u>VENUS</u>	<u>EARTH</u>	<u>MOON</u>	<u>MARS</u>	<u>JUPITER</u>	<u>SATURN</u>	<u>URANUS</u>	<u>NEPTUNE</u>	<u>PLUTO</u>

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

The previous table is Nasa Planetary Fact Sheet – Metric – it's the only source I use for Solar Planets Data

- I analyze Solar Planets Data to reach the geometrical rules on which this data is created – for example – If we have a right triangle its dimensions 3,4 and 5, can we use these dimensions to conclude the Pythagoras rule? Yes we can – similar to that I analyze the planets data to reach their geometrical rules

2. I depend on **Data Direction**

$$\frac{25.2 \text{ Mars axial tilt}}{23.4 \text{ Earth axial tilt}} = \frac{26.7 \text{ Saturn axial tilt}}{25.2 \text{ Mars axial tilt}} = \frac{28.3 \text{ Neptune axial tilt}}{26.7 \text{ Saturn axial tilt}} = 1.0725$$

This equation is hard to explain – but what's the basic idea here? There's a dependency between these 4 planets axial tilts... this conclusion is the Data Direction

3. I suppose there's one Equation only controls all solar planets data – that means – the previous table is controlled by one Equation only...(my Basic Hypothesis)

To explain this hypothesis I provide the following solar system alternative description – which is a part of my methodology...

Solar System alternative Description

1- **The solar group is one trajectory of Energy and each planet is a point on this same trajectory.....**

i.e.

2- **The Solar Group is One Building** and each planet is a part of this same building-

3- Also the solar group is similar to a train and each planet is a carriage of it.

4- Also the solar group can be similar to one body, and each planet is a member in it

5- Also the solar group can be similar to one machine and each planet is a gear in it

means

6- When a planet moves –it doesn't mean this planet moves individually and independently from the other planets- NOT TRUE – The Planet moves with all other planets together as a train moves with all carriages –

Description Basic Concept

Planets Cooperation And Integration Is The Reason Of Their Existence And Motions.

How to understand that?

WE know that the matter is created of Energy ($E=mc^2$) – but **How The Space Is Created?** I suppose the Space is created of Energy also... (Space = Energy)

So the matter and space both are created from the same energy.. Based on that the solar group can be one trajectory of Energy

Can that be possible?

Energy has different forms (sun rays – nuclear interactions – oil- food ..etc)

Different forms for same content, i.e. it's possible to create matter & space of energy

Another Example

In double slit experiment (Young Experiment) – the light coherence produced bright and dark fringes –regardless the experiment explanation – the experiment tells "when one input is used (light)– the outputs can be in 2 different forms (bright and dark fringes)"

The Solar Group Creation

I suppose the solar group is one energy creates the planet matter and orbital distance – so this same energy passes through the whole group to create all solar planets and their orbital distances from the same energy where this energy creates all planets data complementary to each other because all of them are created from the same source.

Shortly

The solar group is one thread – as one necklace – all solar planets and their distances are created from one energy to be complementary to each other- and that's why the planets data analysis shows the solar planets dependency.

3-Pluto Motion Concept

3-1 Solar Planets data is controlled by One Equation

3-2 Solar group Central points

3-3 Pluto Motion Concept

3-1 Solar Planets data is controlled by One Equation

Research Methodology tells us clearly that solar planets data is controlled by one Equation only! How that? Research methodology provided the available answer
So

What's this Equation?

If one equation controls all solar planets data ! What's This Equation?

The Equation

$$F(z) = 2x + 1y$$

Based on this equation solar planets data are created

The following data is an example only

I- Data

(A)

2 Jupiter Diameters + 1 Saturn Diameter = Solar Planets Diameters Total (No Error)

(B)

$$\frac{\text{Jupiter diameter } 142984 \text{ km}}{\text{Saturn diameter } 120536 \text{ km}} = \frac{2\pi}{2\pi - 1}$$

(C)

2 Jupiter Circumferences - 2 Saturn Circumferences = 1 Jupiter Diameter (error 1.3%)

(D)

(Jupiter Diameter)² + (Saturn Diameter)² = (0.5 Saturn Circumference)² (1.2%)

(E)

Jupiter Circumferences - Jupiter Diameter = $\pi^5 \times 1000 \text{ km}$ (No Error)

Jupiter Diameter = 8 Planets Diameters Total

(F)

Saturn Diameter – Jupiter Radius = Neptune Diameter x 0.99 (No Error)

II- Discussion

The previous data we have discussed frequently – of course Equation No. (A) is a direct application for our Equation (f "z" = 2x + 1y) –

But all other equations show the number (2 = double value) – even Equation no. (F) shows Jupiter Radius which tells that the equation needs 2 to make Jupiter uses diameter in place of radius... simply the rule (f=2x+1y) is the general rule which controls the solar planets data –

Note Please

The previous data is the result of using the equation (f "z" = 2x + 1y) – means – the previous data is a result and not reason for the equation – So we need to ask – based on what this equation is produced?! Let's answer with next point (3-3)

3-2 Solar Group Central Points

I-Data

Group No.(1) (Distance 720.7 mkm)

$$\begin{aligned}725 \text{ degrees}^2 &= 25.2 \text{ degrees} \quad \times 28.66 \text{ degrees} = 2.6 \text{ degrees} \times 278.4 \text{ degrees} \\ &= 3.1 \text{ degrees} \quad \times 232.7 \text{ degrees} = 41 \text{ degrees} \times 17.7 \text{ degrees} \\ &= 115.2 \text{ degrees} \quad \times 2\pi\end{aligned}$$

Where

28.66 degrees x 0.99	= 28.3 degrees	= Neptune Axial Tilt
25.2 degrees	= Mars Axial Tilt (on horizontal)	
115.2 degrees	= Mars Axial Tilt (on vertical 115.2=90+25.2)	
232.7 degrees	= Inner Planets Axial Tilts total	
23.6 degrees	= Outer Planets Orbital Inclinations Total	
278.4 degrees	= Outer Planets Axial Tilts Total	
41 degrees	= Planets Orbital Inclinations Total	
2.6 degrees	= 180 degrees -177.4 degrees (Venus axial tilt)	
3.1 degrees	= Jupiter Orbital Inclinations	

This data is discussed in my previous paper

Energy Transportation Through The Solar Group

<http://vixra.org/abs/1908.0510>

More Data

Group No.(2) (Cycle 2737 Years)

(A)

2737 degrees = 23.45 deg (Earth axial tilt) x 116.7 deg (Saturn axial tilt vertically)
= 28.3 deg (Neptune axial tilt) x 97.8 deg (**Uranus** Axial Tilt)
= **11.8 degrees** x 232.7 degrees (inner planets axial tilts total)
= π^2 x 278.4 degrees (outer planet axial tilts total)

(B)

41 degrees (solar planet orbital inclinations total) = $\pi^2(\pi+1)$

(C)

2737 mkm = Distance from Point 135.5 mkm to Uranus
= 720.6 mkm (Mercury Jupiter Distance) x 2 x 1.9
= 57.9 mkm (Mercury Orbital Distance) x 2 x 23.6
= 108.2 mkm (Venus Orbital Distance) x 25.2
= 1106 mkm x 2.5

(D)

2737 mkm x (1/A) x 0.98 = 940 mkm (Earth Orbital Circumference)

Where

$$A = \frac{\text{Light Motion For 1 Second (velocity 1.16mkm/sec)}}{\text{Pluto Motion for 1 solar Day (velocity 0.406mkm/ day)}} = 2.85714$$

(E)

2737 mkm = 0.7095 x 3462 mkm

Where

232.7 degrees = Inner Planets Axial Tilts total
23.6 degrees = Outer Planets Orbital Inclinations Total
278.4 degrees = Outer Planets Axial Tilts Total
1.9 degrees = Mars orbital inclination
2.5 degrees = Saturn orbital inclination
41 degrees = Planets Orbital Inclinations Total

II- Discussion

(1)

Let's summarize the main points easily and clearly as possible

Because

- **The Solar Group Is One Building, Each Planet Is A Part Of This Building**

Based on this concept – the cooperation and integration between the solar planets is the base on which their existence depends...

So this cooperation creates central points for the solar planets data – this also is a logical conclusion – because the planets are connected with each other by energy which is seen in different data – and planets data are created depending on each other for that reason the central points through the solar group are created to support the energy transportation process which we have discussed deeply in the previous paper Energy Transportation Through The Solar Group

<http://vixra.org/abs/1908.0510>

Based on this description

The distance 720.7 mkm (Mercury Jupiter Distance) works as a solar planets central point as we have discussed in that paper

Because this distance is a central point and very important in the solar system geometry – we see – as in Data Group No. 1 – how many data is created based on this same distance

But

Because the solar system transports the energy from point to another – the energy transportation causes the unit definition to be relative - so what we see as a distance value can be seen for another observer as a time period or a degree value

This feature is one of the solar system basic features and it's found to provide the required flexibility for energy transportation process

That's why we see the same value (720.7 mkm) in different forms as 720.7 degrees or even 720.7 days....

We already understood how 1 mkm can be = 1 degree (Because Mercury orbital Circumference =360 mkm =360 degrees where the solar group is one machine – that means any planet can use this rate 1 mkm= 1 degree) – but we have discussed Mercury Orbital Circumference idea as an example for what's happening through the solar group

Shortly

Solar Planets Creation depends on Energy Transportation Process – and Energy Transportation make the unit definition is relative and creates central points to enable the transportation process to be done and to provide the required flexibility for the process

Equation (B)

41 degrees (solar planet orbital inclinations total)= $\pi^2(\pi+1)$

The previous equation proves the idea clearly where the value 41 depends simply on π only

(2)

Based on the previous description we can easily conclude that the Cycle 2737 years is used also as central point

Let's summarize its data shortly in following...

(A)

2737 degrees = 23.45 deg (Earth axial tilt) x 116.7 deg (Saturn axial tilt vertically)
= 28.3 deg (Neptune axial tilt) x 97.8 deg (**Uranus** Axial Tilt)
= **11.8 degrees** x 232.7 degrees (inner planets axial tilts total)
= π^2 x 278.4 degrees (outer planet axial tilts total)

Equation (A)

Proves easily that the value 2737 is a solar system geometry central value

Equation (C)

2737 mkm = Distance from Point 135.5 mkm to Uranus
= 720.6 mkm (Mercury Jupiter Distance) x 2 x 1.9
= 57.9 mkm (Mercury Orbital Distance) x 2 x 23.6
= 108.2 mkm (Venus Orbital Distance) x 25.2
= 1106 mkm x 2.5

I can refer only in the previous data to the distance 2737 mkm from Point 135.5 mkm to Uranus... (2872.5 mkm – 135.5 mkm = 2737 mkm)

The point 135.5 mkm is a point in space found between Venus and Earth

This point is found by the solar system geometrical rules – I have proved that in my previous paper

Time And Distance Definitions In The Solar System

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

We need to discuss Data No. (D)In following

Equation (D)

$2737 \text{ mkm} \times (1/A) \times 0.98 = 940 \text{ mkm}$ (Earth Orbital Circumference)

Where

$$A = \frac{\text{Light Motion For 1 Second (velocity } 1.16 \text{ mkm/sec)}}{\text{Pluto Motion for 1 solar Day (velocity } 0.406 \text{ mkm/ day)}} = 2.85714$$

We need to review Pluto Motion Concept before to understand what this equation tells us...

Any way let's summarize the idea in following

- The Solar group is created based on a relationship between Pluto motion and light beam – I supposed its velocity =1.16 mkm
- Pluto moves for 1 solar day by energy he received from a light beam (1.16 mkm/sec) moves for 1 second only
- This relationship between Pluto and the light on one side and between the second and solar on the other side - create the solar planets data and motions

Equation No. (D)

- Tells us that – the distance 2737 mkm (which extends from Point 135.5 mkm to Uranus 2872.5 mkm) – this same distance is created depending on the same relationship between Pluto and the light beam – the distance uses (1/A)
- From that we conclude The distance 2737 is a real distance – means the point 135.5 mkm is a real point even if there's no planets dwell in it – and that means the distance 2737 mkm is defined by solar system basic geometry and based on this distance the cycle 2737 is created
- More details will be provided with Pluto Motion Concept

3-3 Pluto Motion Concept

(1)

Solar System Main Features

- Solar system and planets are created based on energy of light motion for 1 second
- Energy of Light motion for 1 second causes planet to move for 1 solar day
- Energy of Planet motion for 1 solar day creates the solar planets and their distances

i.e.

- We have a group of gears work here.... Light motion for 1 second whose energy creates planet motion for 1 solar day

How that can be possible...?

- Through the motions gears- for example planet motion uses energy of light motion for 1 second to produce planet motion for 1 minute – then another planet uses the energy of 1 minute to creates a planet motion for 1 hour- and third planet uses the energy of one hour motion to create a planet motion for one solar day....! Now this group of gears are working continuously ... we will see only planets move in their cycles but these planets cycles create the solar day time parts

Far from this theory details ... how to prove it?

(1)

- Pluto Motion for 1 solar day = 406000 km = solar planets diameters total

(2)

- Light supposed velocity for 1 second = 1.16 mkm + light know velocity for 1 second = 0.3mkm – the total = 1.46 mkm Per Second

But

- The value 1.46 mkm = $\pi \times 0.4665$ mkm (Neptune Daily Velocity)

i.e.

- Light beam motion for 1 second (2 light velocities together) create Neptune Motion for 1 solar day

Conclusion

It's truth that – the solar system is created based on energy of 1 second motion of light beam – from Energy Transportation process Discussion (in previous paper) we concluded

(1)

Energy is transported through the solar system which creates the planet matter and orbital distance

(2)

This energy is energy of light supposed velocity 1.16 mkm/sec travels for 1 second

(3)

Planet motion for 1 day depends on light motion for 1 second

(2)

We have 2 basic concepts

(1) Solar Planets Data Is Controlled By One Equation

(2) Light (1.16mkm/sec) motion for 1 second causes planet to move for 1 solar day

How these 2 concepts can be unified into one concept only

1.16 mkm = light motion for 1 second

0.406 mkm = Pluto Motion for 1 solar Day

$$F(z) = 2x + 1y$$

Solar Planets Data Equation

$$1.16 \text{ mkm} = 0.406 \text{ mkm} + 2x(0.377 \text{ mkm})$$

Where

0.377 mkm = Earth Moon distance at total solar eclipse

And Also

$$0.377 \text{ mkm} = \text{Saturn Circumference}$$

Where

$$\frac{\text{Jupiter diameter } 142984 \text{ km}}{\text{Saturn diameter } 120536 \text{ km}} = \frac{2\pi}{2\pi - 1}$$

(C)

2 Jupiter Circumferences - 2 Saturn Circumferences = 1 Jupiter Diameter (error 1.3%)

(D)

(Jupiter Diameter)² + (Saturn Diameter)² = (0.5 Saturn Circumference)² (1.2%)

(F)

Saturn Diameter – Jupiter Radius = Neptune Diameter x 0.99 (No Error)

Discussion

The previous data tells that –

(1)

Light and Pluto relationship in fact creates the equation $F(z) = 2x + 1y$

(2)

The equation $F(z) = 2x + 1y$ controls solar planets data

(3)

This fact is supported by our analysis which proved that solar planets data is controlled by the rate A – as we see in the following table

Table No.1	The Rate = A = 2.857= (1.16/0.406)		
The Rate between 2 Values		= A	Error
((1.16 mkm/sec) – (0.3mkm/sec))/ (0.3mkm/sec)=		= A	
Solar Planets Masses Total / 0.5 Jupiter Mass=		= A	1%
Planets Diameters Total 366550 km/ Jupiter Diameter 142984 km=		= A	
Jupiter Diameter 142984 km / Neptune Diameter 49528 km =		= A	
Mars Diameter 6792 km / Pluto Diameter 2390 km=		= A	
25920 mkm /9010 mkm (Saturn orbital circumference)=		= A	
655 mkm (Jupiter Saturn distance) /227.9mkm (Mars orbital distance) =		= A	
5906 mkm (Pluto Orbital distance) /2088 mkm (Jupiter Uranus Distance)=		= A	1%
Saturn diameter 120536 km/43000 km (moon motion freedom)		= A	
Outer Planets Axial Tilts Total 278.4 deg / Uranus axial tilt 97.8 deg		= A	
41 deg (planets orbi. inclinations total) x 2/ Neptune axial tilt 28.3 deg		= A	1.4%
511.1 deg (planets axial tilts total) / 180 deg		=A	0.6%
Neptune axial tilt vertically 118.3 degrees /41deg (planets orbi. inclinations total)=		= A	1%
Neptune Axial Tilt 28.3 degrees / π^2		= A	
Earth Moon Orbi. Inclination 5.1 deg/1.8 deg Neptune orbi. Inclination		= A	0.7%
(7 deg= Mercury orbi. Inclination) ² / (17.2deg Pluto orbi. Inclination)		= A	
177.4 deg (Venus Axial Tilt) / $2\pi^3$ =		= A	

This table was discussed in my previous paper

Matter Creation Principle (Part V)

<http://vixra.org/abs/1908.0367>