

Mercury Day Period (Short Discussion)

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Abstract

Paper Question

Why Mercury Day Period =175.94 Solar Days?

Let's try to explain this question in following...

I suppose the solar system is one building and each planet is a part of it – for that reason – each planet data is created complementary to other planets data- and no planet is created individually...

Also– because the solar system is one building – so the solar system moves as a train- So as the train moves with its carriages together in one motion –regardless what's first carriage and what's last one – similar to the solar system moves with all planets together spite of Planets Different Velocities – the solar system general unified motion unify these velocities in one motion only –

Based on this description – each planet data effect on the solar system geometry

From this approach the question should be ...

Why Mercury Day Period = 175.94 solar days...

But the deep question is anotherlet's ask it in following...

Why Mercury Day Period is used in double value (=2 x 175.94 days) generally in the solar system geometry?

What does that mean? because the solar system is one building – so each planet data is used by other planets – and I have found that Mercury Day Period isn't used as 175.94 solar days but used usually as 351.8 (= 2 x 175.94) solar days –

So – I write this paper to prove this fact and I use it to support the claim that the solar system is one building and each planet data is complementary to the others

So

this paper has 2 objectives– (1st) to prove Mercury Day Period Using (2nd) to support the claim that the solar group is one building...

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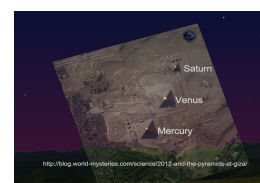
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The Assumption Of S. Virgin Mary.

Written in Cairo – Egypt

27th October 2019 (S. George)



1-Introdcution

In this introduction we will review only my research 5 hypotheses because we may need them in the discussion

Research Hypotheses

Hypothesis No.1

The Solar System is One building (or one machine) and each planet is a part of this same building.

Hypothesis No.2

The Solar System moves as a train. i.e. A train moves with its carriages together, similar to that – Solar Planets move together as one train in one unified motion
So all planets move together in one unified motion – regardless the planets velocities differences
Based on that No Planet moves individually or independently from other planets motions (I call this idea "The Train Motion Concept")

Hypothesis No.3

Planet motion for 1 solar day depends on energy of light motion for 1 second period – that means – Planet moves following light motion – so we have 2 motions
(1st) Light Motion (2nd) Its Follower Planet Motion
2 motions are done by 2 different rates of time while (the passing distance) almost be the same for both motions

Hypothesis No.4

The Solar System Unified Motion depends On Solar Day Period and 1433.5 mkm as a distance should be passed per solar day (1433.5 mkm = Saturn orbital distance)

Hypothesis No.5

Matter Creation process depends on solar day period of time – that means – Matter creation process depends the time as a basic component of it.

2- Methodology (methodology is repeated in all papers) please review

Why Saturn Orbital Distance = Saturn Uranus Distance? (II) <http://vixra.org/abs/1910.0078>

3- Mercury Day Period Analysis

3-1 Data

3-2 Discussion

3-3 Mercury Mars relationship effects on Earth Moon

3-1 Data

(1)

$2 \times 175.94 \text{ Solar Days} \times 86400 \text{ seconds} \times 1.16 \text{ mkm/sec (light supposed velocity)} = 25920 \text{ mkm} \times 1361$

(2)

$2 \times 175.94 \text{ Solar Days} = 351.9 \text{ solar days}$

(3)

$175.94 \text{ Solar Days} \times (2\pi)^2 = 6939.75 \text{ Solar Days (Metonic Cycle)}$

(4)

$(2.23 \text{ solar days}) \times 86400 \text{ seconds} \times 0.3 \text{ mkm/sec} = \pi^2 (5852 \text{ mkm} \times 2)$

(5)

$88 \text{ solar days (Mercury orbital period)} = (2.23 \text{ solar days}) \times (2\pi)^2$

3-2 Discussion

This paper should short and intensive one – we'll explain the previous 5 equations only – but any way – we need to remember the basics behind these equations to understand what's going on here... let's summarize that in following...

Revision

Solar planet moves with light beam – so any planet motion is found relative to light motion – simply we can't see any planet motion independently... because of that the planets are connected to each... and I have clear claim which is:

Mercury Day was 176 solar days in ancient - in that time Mars was the next planet after Mercury with orbital distance 84 mkm while Pluto was almost the Mercury Moon – so the planets were ordered according to their diameters as following :

The sun – Pluto – Mercury – Mars this was the order in ancient time

Mars has immigrated from his original point 84 mkm to dwell in the new point with orbital distance =227.9 mkm – this event was a great earthquake in the solar system – and because of that Pluto (the light mass planet) was pushed from his original point as The Mercury Moon to be very far with orbital distance = 5906 mkm – this process is done by help of light – so Mercury day was decreased with 5040 seconds – this period is used by light supposed velocity (1.16 mkm/sec) to push Pluto to the new point $1.16 \text{ mkm} \times 5040 \text{ seconds} = 5852 \text{ mkm (Mercury Pluto Distance)}$ – and this same period 5040 seconds = 84 minutes is created based on mars original orbital distance 84 mkm where 1 minute of light motion = 1 mkm...

The previous mystery I can't prove in each paper where I have discussed it frequently before –please review these discussions ...

Mars Orbital Distance Is Changed Through History (Part II)

<http://vixra.org/abs/1910.0509>

Mars Orbital Distance Is Changed Through History

<http://vixra.org/abs/1905.0510>

Does Mars Fit his Position Is The Solar Group? Why Not?

<http://vixra.org/abs/1904.0009>

Mars Immigration Proves (Revised)

<http://vixra.org/abs/1807.0268>

Pluto was "The Mercury Moon"

<http://vixra.org/abs/1807.0331>

What we need to know before our discussion is that...

The relationship between Mercury, Mars and Earth Moon almost controls the solar system-it's the most important relationship generally if not the master one –

Now let's discuss our new data in following

Equation No. (1)

$2 \times 175.94 \text{ Solar Days} \times 86400 \text{ seconds} \times 1.16 \text{ mkm/sec (light supposed velocity)} = 25920 \text{ mkm} \times 1361$

This equation is the master one here in this paper – let's discuss it as deep as possible

Equation left side

2 days of Mercury Day Periods = $2 \times 175.94 \text{ solar days} = 351.9 \text{ Solar Days}$

86400 seconds = the solar days seconds

1.16 mkm /sec = light velocity I have supposed it's found

What does equation left side tell us?

It's the light motion during 2 Mercury Days Period - So – the light with supposed velocity (1.16 mkm/sec) passes during 2 Mercury Days a distance = **d**

Equation right side

$25920 \text{ mkm} = 86400 \text{ seconds} \times 0.3 \text{ mkm /sec (light known velocity)}$

That means – light known velocity passes 25920 mkm during the solar day period

So

What's this 1361? It's a rate has no unit as the equation tells us clearly? So what's it?

(the Sun Mass / Jupiter Mass) $\times 1.3 = 1361$

(1.3 degrees = Jupiter orbital inclination)- any way the rate 1361 is produced without units! (we will leave this point for now) – just please look deeply to the equation – the rate 1361 is the most important rate in the solar system because it's a rate between the most greatest masses in the solar group – the sun and Jupiter –

Now let's summarize what we have understood from this equation...

(the rate 1361 details will be discussed later)

Equation No. 1 (A summary)

This equation tells us that – there's a coherence of light is happening here – we have 2 different types of light velocities working in the same equation ...

And shortly

2 Mercury Days Period is used for light supposed velocity (1.16mkm/sec) to produce energy of light motion with known velocity (0.3mkm/sec) during **1 solar day!**

Regardless the other results – the equation does one clear job – it take the energy from the light supposed velocity (1.16 mkm/sec) to enable light known velocity (0.3mkm/sec) to travel during a solar day!

How to understand that?

Light with higher velocity uses longer period of time to produce light with lower velocity for shorter period of time ...where's the rest of energy?!

In the masses.... The rate **1361**

This equation gives us 2 main point... which are:

(1st) 2 Mercury Days Period = 1 Solar Day Period?!!

(2nd) light known velocity 0.3 mkm /sec is produced from the light supposed velocity (1.16 mkm/sec) – as a result of 2 components – that means –

The input was light supposed velocity (1.16 mkm/sec) and the output were 2 components produced depending on each other which are light known velocity (0.3mkm/sec) and the Masses...

That explains the equation $E=mc^2$

Because light velocity is the complementary for the mass –both are produced from the same source which is the light supposed velocity (1.16 mkm/sec)

Still we need to explain the first point! **how 2 Mercury Days Can Be = Solar Day?!**

This question will be discussed in point no.4 of this paper...

Now Let's summarize Equation No. 1 clearly as possible:

Equation No. 1 (A conclusion)

The universe is made of light supposed velocity 1.16 mkm/sec – before any matter creation – the mass creation is done by light supposed velocity (1.16mkm/sec) energy and as a second product the light known velocity (0.3mkm/sec) is produced –

So the coherence (interaction) process is done because the mass is created from light supposed velocity and that produced light known velocity (0.3 mkm/sec) which may interacted or made coherence with the original light beam...

No one of us can realize the light supposed velocity 1.16 mkm/sec – why? Because our body is made with light known velocity 0.3mkm/sec and this light type is the complementary component for our bodies and that's why our 5 senses can realize this light while we can't realize the original light beam (1.16 mkm/sec) at all because we have no connection with this light type ...

Note Please

Equation No 1

$$2 \times 175.94 \text{ Solar Days} \times 86400 \text{ seconds} \times 1.16 \text{ mkm/sec (light supposed velocity)} = 25920 \text{ mkm} \times 1361$$

The number which we need for more discussion is the number 25920 mkm
We know it

$$25920 \text{ mkm} = 0.3 \text{ mkm (light known velocity)} \times 86400 \text{ seconds (Solar Day)}$$

$$25920 \text{ mkm} = 17.75 \text{ mkm (solar planets velocities total per solar day)} \times 1461 \text{ days}$$

(1461 days = 365+365+365+366 days)

(This equation tells, all solar planets together passes the distance which light known velocity passes during a solar day- the solar planets pass this same distance is 1461 days "Earth Cycle" – that supports my research hypotheses – that planet motion depends on light motion and here the light motion is leading one but the planet motion is following with different rate of time)

Still this same number **25920** we have seen before, **25920 years = Precession Cycle**

In 25920 years Earth Axis rotates 360 degrees.... How to understand that?

The interaction (or coherence) process from which the mass (matter) and light known velocity (0.3 mkm/sec) are produced ... this process is done above **EARTH AXIS**

We don't discuss how the time value is used as distance value – we know it's possible because we deal with light velocities..

What we have learnt here?

The matter is created in Earth at first – Earth is the origin of this universe of matter!

Simply...

Earth Is The First Matter Found In This Universe...!

Let's move to equation no.2

Equation No. 2

$$2 \times 175.94 \text{ Solar Days} = 351.88 \text{ solar days}$$

This equation is very simple one –

Lunar Synodic Year = 354.36 solar days – very near to the previous value ...

The difference = 2.48 solar days – (1)

But 29.53 days – 27.3 days = 2.23 solar days (2)

The difference between 1 and 2 = 0.25 solar day...

How to understand that?

If the lunar synodic year finished with sidereal month (27.3 solar days) and not with synodic month – in this case we will have some astronomical relationship between both value 354.36 days and 351.88 days – because both will be = a lunar synodic year – but the year 351.988 days is finished with sidereal lunar month for some geometrical necessity –

That means

Lunar Synodic Month may be = 2 Mercury Days Period!

But there's 0.25 solar day difference! How to deal with it?!

First let's deal with this 0.25 solar day...

0.25 solar day x 86400 seconds x 0.3 mkm/sec light known velocity = π x 2088 mkm
(2088 mkm = Jupiter Uranus Distance)

And we know that –

Light known velocity needs 6939.75 seconds to pass Jupiter Uranus distance and Earth Moon follows this light motion and uses this same period 6939.75 seconds in different rate of time 6939.75 days to move Metonic Cycle and we have concluded that Metonic Cycle is a motion the moon does following light motion (we have discussed it deeply before)

So this 0.25 solar days is related to metonic Cycle – means – Mercury Day is also related to Metonic Cycle...!

Before to move to the next equation (Metonic Cycle Equation) – we should note that – Mercury & Moon relationship is created here with the number 25920 whatsoever its unit – 25920 mkm or 25920 years! - in all cases Mercury and the moon are connected together here in this connection point and that means Mercury Moon (and Mars) connection and relationship may be the base on which the solar group is created -

Equation No. 3

$$175.94 \text{ Solar Days} \times (2\pi)^2 = 6939.75 \text{ Solar Days (Metonic Cycle)}$$

This equation tells that the rate $(2\pi)^2$ connects Mercury day period with Metonic Cycle – this rate is so famous in the solar system geometry- and we use it frequently-

Equation No. 4

$$(2.23 \text{ solar days}) \times 86400 \text{ seconds} \times 0.3 \text{ mkm/sec} = \pi^2 (5852 \text{ mkm} \times 2)$$

Now let's analyze the difference $29.53 \text{ days} - 27.3 \text{ days} = 2.23 \text{ days}$ – which we have removed from the lunar synodic year in Equation no. 2

During 2.23 days – light known velocity moves a distance = $\pi^2 (5852 \text{ mkm} \times 2)$
What a big deal here?!

Light supposed velocity 1.16 mkm/sec during 5040 seconds pass 5852 mkm (Mercury Pluto Distance) –

What does that mean?

Mercury Day Period was 176 solar days before Mars immigration – but because of Mars immigration – Pluto was pushed hardly to move very far with distance 5852 mkm – now this distance 5852 mkm depends on the period 5040 seconds – and Equation no. 4 tells us that – the period 5040 seconds depends on the period 2.23 solar days -

That explains clearly the deep interaction between Mercury and Earth Moon

The planet classical description will face many problem to be in harmony with this discussion– the planet must be a point of balance between light forces (energies) – so if the planet is matter and mass – that doesn't disprove the fact that – the planet is created as a balance point between forces and based on that we can understand how this data is created

We should develop the planet definition more deeply in next paper

(Earth Moon General Discussion)

Equation No. 5

$$88 \text{ solar days (Mercury orbital period)} = (2.23 \text{ solar days}) \times (2\pi)^2$$

This equation tells that Mercury orbital period is created also depending on the difference 2.23 solar days –

That tells us there's a geometrical reason causes Mercury Day = 2 Mercury Orbital Period = 3 Mercury Rotation period – but this geometrical reason is connected with Mercury relationship with Earth Moon (and Mars)

3-3 Mercury Mars relationship effects on Earth Moon

$$\begin{array}{l} \text{Mercury Diameter} = \text{Moon Diameter} \quad \times 1.4 \\ \text{Mars Diameter} = \text{Mercury Diameter} \quad \times 1.392 \end{array}$$

The following table is one Equation only...

Table No. 1	(The Rate =1.404)	Rate	Error
Diameters			
Jupiter Radius	/Uranus Diameter	1.3985	
Mercury Diameter	/Moon Diameter	1.404	0
Mars Radius	/Pluto Diameter	1.42	1.2%
Mars Diameter	/Mercury Diameter	1.392	0.8%
Saturn Radius	/43000 km	1.401	
Solar Planets diameters total / 2 Jupiter diameters		1.419	1%
9000 km (lunar umbra breadth) /6378 km Earth Radius		1.411	0.5 %
Masses			
Solar Planets Masses total /Jupiter Mass		1.405	
Velocities			
Saturn Velocity	/Uranus Velocity	1.4263	1.56%
1.16 mkm/s (light supposed velocity)/ Saturn velocity daily (0.838mkm/day) =1.3842		1.3842	1.4 %
(2.082 mkm/ daily) Mars Velocity daily / 1.16 mkm/s (light supposed velocity)/		1.8	
Distances			
Earth orbital circumference	/Venus Jupiter Distance	1.404	0
Mercury Mars Distance	/Venus Mars Distance	1.42	1%
Venus Orbital Distance	/Earth Mars Distance	1.3818	1.6%
Mercury Orbital Distance /Venus Earth Distance		1.442	2.6%
Jupiter Orbital Distance	/ Mars Jupiter Distance	1.413	0.7%
2 Mars Jupiter Distances	/Jupiter Orbital Distance	1.413	0.7%
Mars Neptune Distance	/ Saturn Neptune Distance	1.3937	0.7%
Pluto Orbital Distance	/ 2 Jupiter Uranus Distances	1.4142	0.7%
Pluto Orbital Distance	/ Mars Neptune Distance	1.384	1.4%
Mars Uranus Distance	/Jupiter Neptune Distance	1.384	1.4%
Uranus Orbital Distance	/Uranus Jupiter Distance	1.3717	2.2%
Jupiter Pluto Distance /Jupiter Neptune Distance		1.3699	2.5 %
Degrees			
Saturn Orbital Inclination	/Neptune Orbital Inclination	1.388	1%
Neptune Orbital Inclination	/Jupiter Orbital Inclination	1.384	1.4 %
Planets axial tilts total 511.1deg /360 degrees		1.4197	1%
327.6 degrees	/232.7 degrees (inner axial tilts total)	1.4078	0.2%
3 Π (degrees)	/ 6.7 deg. Moon axial tilt		
Π ² degrees	/ 7 deg. Mercury Orbital Inclination	1.41	0.5%

This table shows the deep effect of Mercury, Mars and Earth Moon Relationship
We have discussed if before please review

Earth Moon moves with 2 Rates Of Time (Part VI)

<http://vixra.org/abs/1910.0396>

4- Different Rate of Time

Two Mercury Days Period = One Solar Day

How 2 Mercury Days Can Be Equal 1 Solar Day?

This is the question we have asked in page no. 5 of this paper

How to answer?

2 Mercury Days = 354.188 solar days which may be = Lunar Synodic year

If

Lunar synodic year 354.36 solar days = (theoretically) = 365.25 solar days (Earth sidereal year)

Because the difference around 11 days are found because of some geometrical necessities....

The question will be

How 2 Mercury Day can be = 1 sidereal year??

We have a similar question (in equation no.1) let's remember it

How 2 Mercury Days Period can be = 1 Solar Day Period?!!

2 big questions – let's use them together – what the result will be ...!

How 1 Solar Day Period can be = 1 sidereal year?!

How that can be possible?

They are 2 rates of time Are found because of the light motions and relativistic effects.... The rate is 1 solar day = 1 sidereal year !

Where these rates are found?

1 Sidereal Year On Earth = 1 Solar Day On The Sun

This idea we have discussed frequently before – we have 2 rates of time and even Earth moon moves with 2 rates of time – let's remember this data

10921 km (Moon Circumference) x 86400 seconds (solar day) = 940 mkm (Earth orbital circumference)

What this equation tell us...

If Earth revolves around the sun a complete revolution in one solar day only – so the moon circumference will be equal a distance of Earth Motion for 1 second ...

But earth revolves around the sun in 365.25 solar days –

So the one solar day will be the sun rate of time and also the moon rate of time because the moon circumference tells that's fact.