# Why Mercury Day Period = 4222.6 hours? 

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Abstract

- A light travels with velocity $\mathbf{= 1 . 1 6} \mathbf{~ m k m} / \mathrm{sec}$, passes a distance $=$ Jupiter orbital circumference $(\mathbf{4 9 0 0} \mathbf{~ m k m})$ during a period $=\mathbf{4 2 2 4}$ seconds
- The period 4224 seconds is transported from the light motion at Jupiter orbital circumference to Mercury motion in form 4224 hours
- This transportation of period is done because Mercury receive its energy from Jupiter -as we have discussed before-
- So Mercury Day should be =4224 hours resulting of Jupiter effect on Mercury motion.
Why Mercury day = $\mathbf{4 2 2 2} .6$ hours and Not $\mathbf{4 2 2 4}$ hours?!
- Another Planet effected on Mercury motion and caused this change !
- This planet is Pluto

How to explain that??

- We know Mercury Energy $=86400 \mathrm{mkm}$ - which is sent from Jupiter
- $86400 \mathrm{mkm}=17.2 \times 5040$ (where 17.2 degrees = Pluto Orbital Inclination)
- That causes Mercury Day Period to be decreased with $\mathbf{5 0 4 0}$ seconds

Are there any proof?

- Light with velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ travels during 5040 seconds a distance $=$ 5846 mkm (=Mercury Pluto Distance)
But
- Mercury moves during 346.6 days (nodal year) a distance $=1433.5 \mathrm{mkm}$ (=Saturn orbital distance) but Mercury moves during 1433.5 mkm a distance $=5846 \mathrm{mkm}$ (Mercury Pluto Distance) - Mercury motion is a series follows the light motion.


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## 1- Introduction

This paper claim depends on the previous discussion concerning the argument

$$
\text { " There's A Light Beam travels With } 1.16 \text { mkm/Sec", }
$$

The argument claims that-
The solar planets orbital and internal distances are created by energy of a light beam travels with velocity $1.16 \mathrm{mkm} / \mathrm{sec}$.

Please Review the argument detailed discussion and proves.

## References

There's a Light Beam travels with $1.16 \mathrm{mkm} / \mathrm{s}$ (III) https://vixra.org/abs/2002.0338
There's a Light Beam travels with $1.16 \mathrm{mkm} / \mathrm{s}$ (II) https://vixra.org/abs/2002.0316
"My Research Basic Arguments (IV)" https://vixra.org/abs/2002.0270

## 2- Methodology

The paper methodology is discussed in details in the previous papers

The paper contents
3- Why does Mercury move during its day period a distance $=$ Mercury Jupiter distance?

## 3- Why does Mercury move during its day period a distance = Mercury Jupiter distance?

3-1 Mercury Motion During Its Day Period
3-2 The Period (4224 seconds) transportation from Jupiter to Mercury
3-3 Mercury effect on Mars Motion

## 3-1 Mercury Motion During Its Day Period

## I-Data

(1)

4900 mkm (Jupiter orbital circumference) $=720.7 \mathrm{mkm} x 2$ (Mercury Jupiter diameter) x 3.4 (where 3.4 degrees $=$ Venus orbital inclination)
(2)

Mercury velocity / solar day ( $4.095 \mathrm{mkm} / \mathrm{sec}$ ) = (Venus rotation period (243 days)/ Mercury rotation period (58.66 days))

## I-Discussion

## Equation no. 2

$(243 \mathrm{mkm} / 58.66$ days $)=4.095 \mathrm{mkm}$ per solar day $=$ Mercury velocity daily
243 days $=$ Venus rotation period
The time and distance values are equivalent (sometimes) because we deal with high velocity motions

## Equation no. 1

Venus orbital inclination (rate) creates the proportionality between Mercury Jupiter (orbital) diameter and Jupiter orbital circumference -

That makes Mercury Jupiter distance is a part of Jupiter orbital circumference And by that Venus defines the distance 720.7 mkm for the period 4224 hours -

So Venus enable Mercury to move during its day period a distance $=$ Mercury Jupiter distance - and Venus does that by 2 effects
(1) Venus defines Mercury Velocity Daily ( $4.095 \mathrm{mkm} /$ day)
(2) Venus defines The rate 3.4 between Mercury Jupiter diameter and Jupiter orbital circumference-
That creates the relationship based on which Mercury moves during its day period a distance $=720.7 \mathrm{mkm}=$ Mercury Jupiter distance -

## Note Please

Venus does these effects because the three planets (Mercury - Venus \& Earth) are machine of gears and their motions depend on each other- this machine is controlled by Jupiter where Mars motion is controlled by Saturn but Jupiter controls Saturn.
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## 3-2 The Period (4224 seconds) transportation from Jupiter to Mercury I-Data

(3)

4224 seconds x $0.3 \mathrm{mkm} / \mathrm{sec}$ (light known velocity) $=1267 \mathrm{mkm}$ (Earth Saturn distance x 0.99)
(4)
$1461 \mathrm{mkm}=1259.3$ seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}$
(1259.3 degrees $=7$ deg "Mercury orbital inclination" x 179.9 degrees - but 179.9 degrees $=177.4$ degrees Venus axial tilt +2.5 deg Saturn orbital inclination"
(6)
$4224 \mathrm{mkm} \times 0.99=2 \times 2088 \mathrm{mkm}$ (Jupiter Uranus distance) $=1.16 \mathrm{mkm} / \mathrm{se} \times 3600 \mathrm{sec}$
(7)
$4224 \mathrm{mkm}=670 \mathrm{mkm}$ (Venus Jupiter Distance) x $2 \pi$

## II- Discussion

Note Please - the energy is sent from Jupiter to Pluto and then reflected from Neptune to Mercury - that makes the transportation process isn't direct from Jupiter to Mercury instead - the energy is sent to many planets and will reach to the Earth which will transport it to Mercury
The

## Equation No. 3

The period 4224 seconds is used now by light known velocity $(0.3 \mathrm{mkm} / \mathrm{sec})$ to create the distance between Earth and Saturn -
That tells the value 4224 seconds is transported from Jupiter to Earth and then to Mercury - but this transportation process is done based on Venus effect -
That means - the energy is transported from Jupiter to Saturn - to Uranus and then to Venus and then to Earth and to Mercury -this process is still need to know Mars role in it.
Any way we know that the hand which give the value 4224 seconds to Mercury to make it as his day period (4224 hours) is the Earth hand directly.

## Equations 4, 5 \& 6

The equations tell that the value 4224 is transported through Venus
The value 4224 second is transformed into 4224 million km to Venus and then transformed again to be 4224 hours for Mercury

## Equation No. 7 <br> 4224 mkm = 670 mkm (Venus Jupiter Distance) x $\mathbf{2 \pi}$

This equation shows that clearly - the value 4224 seconds become 4224 mkm for Venus and then return to 4224 minutes for Mercury

## 3-3 Mercury effect on Mars Motion

(8)

## $4224 \mathrm{mkm}=144 \mathrm{mkm} \times 29.33$ but 97.8 seconds $\times 0.3 \mathrm{mkm} / \mathrm{sec}$

## Equation No. 8

The equation tells that Mars immigrated the distance ( 144 million km) because of Mercury Day Period
That tells us
(1) Mars had immigrated a defined distance $=144 \mathrm{mkm}$ because of Mercury Day Period (4224 hours).
(2) Please Note - the deep relationship between Mars and Venus because both deal with 4224 as a distance 4224 mkm and not a period of time.
(3) Pluto had immigrated to 5906 mkm because of Mercury axial tilt change from1 degree (supposed) to 0.01 degrees where each 1 point of this $100(0.01)$ costs Pluto a distance $=58 \mathrm{mkm}=$ Mercury orbital distance - and because of that Pluto had to immigrated a distance $=100$ times Mercury orbital distance. Where Pluto was the Mercury Moon

## More data

4224 mkm $=2872.5 \mathrm{mkm}$ Uranus orbital distance x 1.46 (where Neptune Velocity per solar day x $\pi=1.46 \mathrm{mkm} /$ day)

4224 mkm $=149.6$ mkm Earth orbital distance x 28.3 deg Neptune axial tilt.
$4224 \mathrm{mkm}=243 \mathrm{mkm} \quad \mathrm{x} 17.4$ (inner planets orbital inclinations total $=17.4$ )
4224 days x $24=101376$ hours $=153.3$ hours $\times 661.3($ but $663.1 \times 0.99=655)$
$4224 \mathrm{mkm} \mathrm{x} 3=12756 \mathrm{mkm}$ (Earth diameter x 1 mkm )

## Note Please

Mercury suffers from effects of the following

- Jupiter effect on Mercury (horizontal)
- Pluto effect on Mercury
- Uranus (and Neptune) effect on Mercury
(horizontal)
(Vertically)

