# Solar Planets Move Together In One Unified Motion (As A Train Motion) 

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## Abstract

## Paper Hypothesis

## Solar Planets Move In One General Motion (As A Train Motion)

## The Hypothesis Explanation

- Solar Group Is Similar to One Building And Each Planet Is A Part Of This Building (or solar group is similar to one machine and each planet is a gear in it)
- Planets Motions is done As One Unified Motion
- As a train moves with all its carriages - similar to that - solar group moves one unified motion with all planets together
- Although Planets Velocities Are Different from each other - that - can't disprove this theory -because - as in any machine of gears - the different velocities of gears consist together the machine one general motion

This paper tries to prove this fact

## References

Why does Earth Moon Orbit regress? (Part II)
Why does Earth Moon Orbit regress?
Energy Transportation Through The Solar Group
Is the 2737 Phenomenon a real one? (II)
http://vixra.org/abs/1909.0107
http://vixra.org/abs/1909.0064
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The Assumption Of S. Virgin Mary.<br>Written in Cairo - Egypt<br>$6^{\text {th }}$ September 2019 (S. George)

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## 1-Introduction

I have tried to prove this idea in my previous paper
Why does Earth Moon Orbit regress? (Part II) http://vixra.org/abs/1909.0107
But I have found - there are many other proves can support this same idea - that's why I write it in a separated paper
How to prove that - any 2 Planets move in one motion?
Let's consider the motions of Earth, Moon and Mars in following...

## Earth, Moon And Mars Motions Harmony

## I-Data

1. Earth daily moves a distance $=2.58 \mathrm{mkm}=0.985$ degrees to complete 360 degrees in 365.25 days...

- i.e. Earth during 29.53 days move 29.2 degrees

And
2. The moon moves daily 2.58 mkm but the moon during the day moves 13.18 degrees to perform 360 degrees during 27.3 days
Means

- The moon during 29.53 days move a distance $=389.2$ degrees
- 389.2 degrees -360 degrees $=29.2$ degrees

Why 29.2 degrees is equal in both motions? The data shows a close interaction which enables one measurement to be used for both

II- More Data
Metonic Cycle Period 6939.75 days $=19 \times 365.25$ days (Sidereal Days)

$$
=235 \times 29.53 \text { days (Lunar Synodic Month })
$$

$$
=20 \times 346.6 \text { days (Nodal Year) }
$$

Saros Cycle Period 6585.321 days $=241 \times 27.32$ days (Lunar Sidereal Month)
$=19 \times 346.6$ days (Nodal Year)
$=223 \times 29.53$ days (Lunar Synodic Month)
Why motions of Earth, Moon and Moon orbit regression are in harmony as the data shows? Why these 3 cycles are in such harmony?

## III- Additional Data

- Mars moves daily 2.082 mkm which equal 0.529 degrees daily
- During 29.53 days Mars moves 15.532 degrees $=\mathbf{2 9 . 2}$ degrees/ 1.9
(Mars Orbital Inclination $=1.9$ degrees)
Mars orbital Period 687 days $\quad=365.25$ Days $($ Earth Orbital Period) $\times 1.9$
$=27.3$ Days $($ Moon Orbital Period) $\times 25.2$
Where
1.9 degrees $=$ Mars Orbital Inclination
25.2 degrees $=$ Mars Axial Tilt
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## Discussion

We need to consider the previous data with some analysis
The harmony in Earth and Moon motions degrees (Data I) - is shown clearly in their motions cycles (Data II)
So the harmony in Metonic and Saros Cycles isn't found by any chance - it's found in the deep structure of both planets motions -that causes the degrees harmony based on which the Cycles harmony is found...
Simply Earth and Moon moves together as one machine uses the same measurement

## Now let's consider Mars Data (III)

Again the harmony is found in the motions degrees and cycles - simply Mars defines his axial tilt and orbital inclination based on his motion interaction with Earth and Moon motion - we simply deal with a machine has 3 gears - they move by different velocities but perform one unified motion.
The situation doesn't stop here - for example
4331 days $($ Jupiter Orbital Period) $=687$ days $($ Mars Orbital Period) $\times 2 \pi$
Means Jupiter also is one more gear in this same machine
Let's analyze solar planets velocities on following:

## Planets Velocities

(A)
1- $\frac{\text { Venus Velocity }}{\text { Earth Velocity }}=\frac{\text { Moon Velocity }}{\text { Mars Velocity }}=\frac{\text { Neptune Velocity }}{\text { Pluto Velocity }}=1.17=A \quad($ Max error $1.8 \%)$
2- $\frac{\text { Mercury Velocity }}{\text { Venus Velocity }}=\frac{\text { Mars Velocity }}{\text { Ceres Velocity }}=\frac{\text { Ceres Velocity }}{\text { Jupiter Velocity }}=1.355=A^{2} \quad($ Max error less $1 \%)$
3- $\frac{\text { Uranus Velocity }}{\text { Neptune Velocity }}=\frac{\text { Earth Velocity }}{\text { Mars Velocity }}=1.239=B$
4- $\frac{\text { Saturn Velocity }}{\text { Uranus Velocity }}=1.4263=B^{2}$
(Max error 1.6\%)

5- $(\mathbf{B} / \mathbf{A})=\left(\mathbf{B}^{\mathbf{2}} / \mathbf{A}^{\mathbf{2}}\right)=\mathbf{1 . 0 7 2 5}$ (Max error1.8\%) | (Max error1.3\%) |
| :--- |

(B)

Mercury Velocity Daily $4.095 \mathrm{mkm} / \mathrm{sec} \times$ Ceres Velocity Daily $\mathbf{3 . 0 2} \mathbf{~ m k m}=2 \pi \mathbf{m k m}^{2}$
Venus Velocity Daily $\mathbf{3 . 0 2} \mathbf{~ m k m} / \mathrm{sec} \times$ Mars Velocity Daily $\mathbf{2 . 0 8 2} \mathbf{~ m k m}=2 \boldsymbol{\pi} \mathbf{m k} \mathbf{k m}^{2}$
Earth Velocity Daily $4.095 \mathrm{mkm} / \mathrm{sec} \times$ Moon Velocity Daily $3.02 \mathrm{mkm}=2 \pi \mathrm{mkm}^{2}$
(Note Please - moon moves daily $2.58 \mathrm{mkm}=$ Earth motion but because of relativistic effects this distance became $2.41 \mathrm{mkm} /$ daily)

## Discussion

Planets Velocities show clearly that these motions can't be independent from each other Planets velocities are created relative to each other and depending on each other
Which supports the claim that

## Solar Planets Motions Are One Unified Motion

## IN THE ALMIGHTY GOD NAME

Through the Mother of God mediation
I do this research
2- Methodology (Methodology In Repeated In All My Papers)
Planetary Fact Sheet - Metric

|  | $\frac{\text { MERCUR }}{\underline{Y}}$ | VENUS | EARTH | MOON | MARS | JUPITER | SATURN | URANUS | NEPTUNE | PLUTO |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\underline{\text { Mass ( }} \mathbf{( 1 0 0 ^ { 2 4 } \mathrm { kg } )}$ | 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 ( $\mathrm{kg} / \mathrm{m}^{3}$ ) | 5427 | 5243 | 5514 | 3340 | 3933 | 1326 | 687 | 1271 | 1638 | 2095 |
| Gravity ( $\mathrm{m} / \mathbf{s}^{\mathbf{2}}$ ) | 3.7 | 8.9 | 9.8 | 1.6 | 3.7 | 23.1 | 9.0 | 8.7 | 11.0 | 0.7 |
| Escape <br> Velocity (km/s) | 4.3 | 10.4 | 11.2 | 2.4 | 5.0 | 59.5 | 35.5 | 21.3 | 23.5 | 1.3 |
| Rotation <br> 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 |
| $\frac{\text { Distance from }}{\text { Sun }\left(10^{6} \mathrm{~km}\right)}$ | 57.9 | 108.2 | 149.6 | 0.384* | 227.9 | 778.6 | 1433.5 | 2872.5 | 4495.1 | 5906.4 |
| $\frac{\text { Perihelion }}{\mathrm{m})}\left(10^{6} \mathrm{k}\right.$ | 46.0 | 107.5 | 147.1 | 0.363* | 206.6 | 740.5 | 1352.6 | 2741.3 | 4444.5 | 4436.8 |
| $\underline{\text { Aphelion ( } 10{ }^{6} \mathbf{~ k m} \text { ) }}$ | 69.8 | 108.9 | 152.1 | 0.406* | 249.2 | 816.6 | 1514.5 | 3003.6 | 4545.7 | 7375.9 |
| $\begin{aligned} & \text { Orbital } \\ & \underline{\text { Period (days) }} \end{aligned}$ | 88.0 | 224.7 | 365.2 | 27.3 | 687.0 | 4331 | 10,747 | 30,589 | 59,800 | 90,560 |
| $\begin{aligned} & \text { Orbital } \\ & \text { Velocity }(k m / s) \end{aligned}$ | 47.4 | 35.0 | 29.8 | 1.0 | 24.1 | 13.1 | 9.7 | 6.8 | 5.4 | 4.7 |
| $\begin{aligned} & \text { Orbital } \\ & \text { Inclination (degrees) } \end{aligned}$ | 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 |
| $\begin{aligned} & \text { Mean } \\ & \text { Temperature (C) } \end{aligned}$ | 167 | 464 | 15 | -20 | -65 | -110 | -140 | -195 | -200 | -225 |
| $\begin{aligned} & \text { Surface } \\ & \text { Pressure (bars) } \end{aligned}$ | 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 |
| $\begin{aligned} & \text { Global Magnetic } \\ & \hline \text { Field? } \end{aligned}$ | Yes | No | Yes | No | No | Yes | Yes | Yes | Yes | Unknow n |
|  | $\frac{\text { MERCUR }}{\underline{Y}}$ | VENUS | EARTH | MOON | MARS | JUPITER | SATURN | URANUS | NEPTUNE | PLUTO |

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

1. 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

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2. I depend on Data Direction

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

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 ( $\mathrm{E}=\mathrm{mc}^{2}$ ) - 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.
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# 3- Solar Group Moves As A Train (Hypothesis Proves) 

3-1 Preface
3-2 Planets Velocities Total
3-3 Planets Orbital Distance
3-4 Pluto \& Earth Data Analysis Proves The Hypothesis

## 3-1 Preface <br> What I need to day here is - only - to change the description

The observer considers Mars Motion is independent from other planets motions - this consideration is created because the observer considers the space as a sea separates the planets from each other...
So we have a wrong result built on wrong concept -
And based on both the observer proceeds his observation aiming to define Mars Motion alone (Mars is example)
The eyes see Mars Motion is independent from other Motions - and based on that the eyes don't see any other motion effect on Mars Motion basically because it's not expectable...
Let's use Earth Moon Motion as example in place of Mars Motion
The Moon motion is independent from Earth Motion and based on that the observer see the Moon Motion only
Now eclipse phenomenon is done because of the Moon motion cooperates with other planets motions to perform the eclipse phenomenon
No expectation can tell that Earth or the sun motions can cooperate with the moon motion so the eclipse phenomena should be occurred based on Pure coincidences Ever one of us know that's untrue...! Why?
Because the eclipse isn't done as a motion of the moon between sun and Earth only But Eclipse is done based on many cycles done by different planets
Data
Metonic Cycle Period 6939.75 days $=19 \times 365.25$ days (Sidereal Days)

$$
\begin{aligned}
& =235 \times 29.53 \text { days (Lunar Synodic Month) } \\
& =20 \times 346.6 \text { days (Nodal Year) }
\end{aligned}
$$

## Saros Cycle Period 6585.321 days $=241 \times 27.32$ days (Lunar Sidereal Month) $=19 \times 346.6$ days (Nodal Year) $=223 \times 29.53$ days (Lunar Synodic Month)

There's no pure coincidences here- there are 3 different motions done depending on each other and in harmony with each other - accordingly- easily we can conclude that it's one system consists of 3 motions - these 3 motions are done in cooperation and harmony with each other to produce one final motion which is the system general motion
We here deal with a machine of gears - 3 different motions produce a unified one. In following let's consider some facts - which after analysis - may support this same claim...
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(1)

## Kepler laws

Kepler 3 laws of Solar Planets Motions
These laws are applied simply on all solar planets and no exceptional is found with them.
These laws simply supports my description
For example... ${ }^{\text {st }}$ law tells us that

- Planet Motion Trajectory Is An Ellipse -

If all planets move in one motion - so this motion will be seen in one direction and with one motion trajectory -
So all planets will be seen moving in this (one) Trajectory of Motion - which Kepler called "An Elliptical Trajectory" - simply it's one Trajectory of Motion...
The rest 2 laws perform this same task also -
Kepler laws support my description but doesn't support Planet Independent Motion
Description
(2)

## Planet Revolution Around The Sun

All planets revolve around the sun in the same direction
If all planets moves in one unified motion - they will be seen as planets revolves around the sun in the same direction-
This feature also supports my description
(3)

## Planets Axial Tilts

$\frac{\text { 25.2 Mars axail tilt }}{\text { 23.4 Earth axail tilt }}=\frac{\text { 26.7 Satrun axail tilt }}{\text { 25.2 Mars axail tilt }}=\frac{28.3 \text { Neptune axail tilt }}{26.7 \text { Satrun axail tilt }}=1.0725$
The previous data tells us that these 4 Planets axial tilts are created relative to each other - regardless any explanation for this equation - no one can claim that these 4 values are independent from each other -
Planet axial tilt is effected greatly in planet motion - which supports the claim that the planet motion can't be independent from other planets motions
(4)

## Jupiter \& Inner Planet Relationship

- Mercury moves during his day period (176 days= $2 \times$ Mercury orbital period) a distance $=720.7 \mathrm{mkm}=$ Mercury Jupiter Distance
- Venus moves during her orbital Period (224.7 days) a distance $=680 \mathrm{mkm}=$ Venus Jupiter Distance (error 1.5\%)
- Earth moves during her orbital Period (365.25 days) a distance $=940 \mathrm{mkm}=$ Earth Jupiter Distance (when Earth and Jupiter be on different sides from the sun)
Simply the three planets define their orbital motion relative to Jupiter Position!!
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## Conclusion

(1) It's A General Behavior Which Refer To A Motion Done By Many Players
(2) Jupiter is almost the parent of these 3 planets (at least)

The previous data supports the same claim clearly
(5)

## Jupiter Orbital Circumference

Jupiter Orbital Circumference $=4900 \mathrm{mkm}=360 \mathrm{mkm}$ (Mercury Orbital Circumference)
+680 mkm (Venus Orbital Circumference) +940 mkm (Earth Orbital Circumference) +1433.5 mkm (Mars Orbital circumference) x2
i.e.

## Inner Planets Orbital Circumference + Saturn Orbital Distance = Jupiter Orbital Circumference <br> These distances are defined by motions - that means - these motions are found as parts of the general one (Jupiter orbital circumference)

Regardless the explanation how that's happened - simply - we deal here with group of gears (Inner Planets) and the general motion is Jupiter orbital circumference Now how these motions are connected with each other we have discussed that in my previous paper

Why Jupiter Diameter = 142984 km? (1)
http://vixra.org/abs/1907.0137

We have discussed Earth, Moon and Mars Motions Harmony in introduction

Let's analyze (more deep) the planets velocities in following point

## 3-2 Planets Velocities Total

## 3-2-1 Planets Velocities

3-2-2 Planets Velocities Daily Total

## 3-2-1 Planets Velocities

## I-Data

(A)

1- $\frac{\text { Venus Velocity }}{\text { Earth Velocity }}=\frac{\text { Moon Velocity }}{\text { Mars Velocity }}=\frac{\text { Neptune Velocity }}{\text { Pluto Velocity }}=1.17=A \quad($ Max error 1.8\%)
2- $\frac{\text { Mercury Velocity }}{\text { Venus Velocity }}=\frac{\text { Mars Velocity }}{\text { Ceres Velocity }}=\frac{\text { Ceres Velocity }}{\text { Jupiter Velocity }}=1.355=A^{2}($ Max error less 1\% $)$
3- $\frac{\text { Uranus Velocity }}{\text { Neptune Velocity }}=\frac{\text { Earth Velocity }}{\text { Mars Velocity }}=1.239=B$
(Max error $1.6 \%)$

4- $\frac{\text { Saturn Velocity }}{\text { Uranus Velocity }}=1.4263=B^{2}$
(Max error 1.8 \%)
$5-(B / A)=\left(B^{2} / A^{2}\right)=\mathbf{1 . 0 7 2 5}$
(Max error1.3\%)
(B)

## Mercury Velocity Daily $\mathbf{4 . 0 9 5} \mathbf{m k m} / \mathrm{sec} \times$ Ceres Velocity Daily $3.02 \mathbf{m k m}=\mathbf{2 \pi} \mathbf{m k m}^{\mathbf{2}}$

## Venus Velocity Daily $\mathbf{3 . 0 2} \mathbf{~ m k m} / \mathrm{sec} \times$ Mars Velocity Daily $\mathbf{2 . 0 8 2} \mathbf{~ m k m}=\mathbf{2} \boldsymbol{\pi} \mathbf{~ m k m}{ }^{2}$

Earth Velocity Daily $4.095 \mathrm{mkm} / \mathrm{sec} \times$ Moon Velocity Daily $3.02 \mathrm{mkm}=\mathbf{2} \boldsymbol{\pi} \mathbf{m k m}^{2}$
(Note Please - moon moves daily $2.58 \mathrm{mkm}=$ Earth motion but because of relativistic effects this distance became $2.41 \mathrm{mkm} /$ daily)
(C)

Neptune Velocity Daily $=(1 /$ Mars Velocity Daily $) \underline{0.4665 ~ m k m} /$ day $=1 /(2.082 \mathrm{mkm} /$ day $)$
Pluto Velocity Daily $=(1 /$ Moon Velocity Daily) $\underline{0.406 \mathrm{mkm} / \text { day }=1(2.41 \mathrm{mkm} / \text { day }) ~}$
Earth Velocity $=$ Pluto Velocity x $2 \pi$

## II- Discussion

We need to analyze the previous data with some deep vision
If planet motion is found independently - how the velocities are created relative to each other as the data shows clearly

Simply we deal with some transported motion from gear to another
The data supports this claim clearly

## Conclusion

## Solar Planets Motions Are One Unified Motion

## 3-2-2 Planets Velocities Daily Total <br> I-Data

1. Planets Velocities Daily Total $=17.75$ million km Daily
2. Light ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) passes during a solar day ( 86400 seconds) a distance $=25920$ million $\mathrm{km}=17.75 \mathrm{mkm}$ (planets Velocities Daily) x 1461 days
3. During 5040 days planets total velocities $(17.75 \mathrm{mkm})$ passes a distance $=90000$ mkm (5040 Days x 17.75 Mkm/Day = 90000 Mkm)
4. During 4900 days Planets total velocities ( 17.75 mkm ) passes a distance $=86400$ mkm (4900 Days x 17.75 Mkm/Day = 86400 Mkm)
5. Also $17.75 \mathrm{mkm} \times 327.6$ days (lunar Sidereal year) $=5815 \mathrm{mkm}$
6. Also $17.75 \mathrm{mkm} \times 500$ days $=9010 \mathrm{mkm}$

## I-Discussion

## Equation No. 2

Light ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) passes during a solar day ( 86400 seconds) a distance $=25920$ million $\mathrm{km}=17.75 \mathrm{mkm}$ (planets Velocities Daily) x 1461 days
What does this equation tell us?
25920 mkm is a distance passed by light motion
This same distance is passed by planets total velocities daily ( 17.75 mkm ) during 1461 days - we know that 1461 days $=365+365+365+366$

## 4 Sidereal Years Earth Cycle =1461 days

During this period - all solar planets moves a distance $=25920 \mathrm{mkm}$
Which is passed by light motion $(0.3 \mathrm{mkm} / \mathrm{sec})$ during a solar day
What conclusion we can reach here?

1. Planets Motions Follow The Light Motion
2. Planets Motions are one motion and effects as one motion as the data shows clearly

The next equations tell to show that the value 17.75 mkm (Planets Velocities Daily
Total) - this value is used frequently in the solar system geometry..! why? Because the planets motions are unified together and work as one motion

## Equation No. 3

(5040 Days $\times 17.75 \mathrm{Mkm} /$ Day $=90000 \mathrm{Mkm}$ )
Where
5040 seconds are required to make Mercury Day $=176$ Solar Days
$90000 \mathrm{mkm}=\mathrm{c}^{2}$ if $\mathrm{c}^{2}$ is used for 1 second only
The value 90000 mkm is so important in our study (as in electrodynamics) and we have discussed this value frequently before
Now what's this equation tell us
$c^{2}$ depends on Planets Velocities Total - as we have discussed in many previous arguments - but based on 5040 seconds which is transformed into 5040 days I wish we remember Pluto Motion concept:

## Light Motion For 1 Second Causes Planet Motion For 1 Solar Day

Equation No. 3 is one of the solar system basic equations which tells us the value 17.75 is a basic player in the solar system geometry...

## Equation No. 4

(4900 Days $\times 17.75 \mathrm{Mkm} /$ Day $=86400 \mathrm{Mkm}$ )
During 4900 days Planets total velocities ( 17.75 mkm ) passes a distance $=86400$ mkm
How to understand this equation?

## 4900 mkm = Jupiter Orbital Circumference

But in this equation this value is used as 4900 days - such using we already used it
Jupiter energy is sent to Pluto which is reflected by Neptune toward the inner planets in 2 trajectories of energy each one contains energy $=86400 \mathrm{mkm}$
So the equation is a real puzzle
4900 mkm (Jupiter orbital circumference) is used as days for planets velocities total ( $17.75 \mathrm{mkm} /$ days) to produce the value 86400 mkm

The equation again tells that 17.75 is a basic player in solar system geometry Which proves that the planets move in one general motion

## Equation No. 5

Also $17.75 \mathrm{mkm} \times 327.6$ days (lunar Sidereal year) $=5815 \mathrm{mkm}$
During Lunar Sidereal Year 327.6 days the planets move a distance $=5815 \mathrm{mkm}$ But
5040 seconds x $1.16 \mathrm{mkm} / \mathrm{sec}$ (light supposed velocity) $=5846.4 \mathrm{mkm}$ (Mercury Pluto Distance)
The difference between 5818 and 5846.4 can be considered $0.5 \%$ (which can considered as an error)

What does this equation tell us?
It's similar to equation no. 2
Light passes a distance in defined period of time (5040 seconds) and the planets follow this same time motion but with different rate of time ( 327.6 days)
The equation is hard and need deep discussion - any way we can use it for our argument to prove that the value 17.75 mkm /day is a real value which process that the solar planets move together as one machine does one unified motion

## 3-3 Planets Orbital Distance

## 3-3-1 Distances Equality

3-3-2 Orbital Distances Equation

## 3-3-1 Distances Equality

## I-Data

- Mercury Neptune Distance = Saturn Pluto Distance
- Mercury Saturn Distance = Neptune Pluto Distance
- Saturn Orbital Distance $=$ Saturn Uranus Dis. $=$ Mercury Orb. Circum.


## More Data

- Mercury Jupiter Distance
- Earth Neptune Distance
- Jupiter Uranus Distance
- Jupiter Pluto Distance
- Uranus Pluto Distance
- Neptune Orb. Distance
- Pluto Orbital Distance
$=$ Mars Orbital Distance $\quad \mathrm{x} \pi$
$=$ Mercury Saturn Distance $\quad \mathrm{x} \pi$
$=$ Venus Jupiter Distance $\quad \mathrm{x} \pi$
$=$ Uranus Neptune Distance $\quad \mathrm{x} \pi$
$=$ Earth Orb. Circumference $\quad \mathrm{x} \pi$
$=$ Saturn Orb. Distance $\quad \mathrm{x} \pi$
$=$ Earth Orb. Circumference $\quad \mathrm{x} \pi$


## Why These Distances Are Equal?

## II-Discussion

All distances are defined by motions
So these equal distances are equal motion distances

Why these distances are equal?
Because it's energy transported from planet to another planet (or from the light to the matter) through the distance because (Space =Energy)
So
The distances (specially these distances) work as bridges to pass the energy from point to another through the solar group
The motion is done by energy and the energy is one
That's the motion is one unified motion

## 3-3-2 Orbital Distances Equation

## I-Data

## Gerges Equation For Planet Orbital Distance $\mathrm{d}^{2}=4 \mathrm{~d}_{0}\left(\mathrm{~d}-\mathrm{d}_{\mathrm{o}}\right)$

Where
d= Planet Orbital Distance
There are 3 exceptions which are:

- Earth depends on Mercury
- Mars depends on Venus
$d_{0}=$ Previous Planet Orbital Distance

The equation disturbances are found only with Mars, Pluto as we expected and Earth also as a result of Mars immigration

## Let's see this equation using in following

1-
Venus Orbital Distance 108.2 mkm$)^{2}=4^{*}$ Mercury Orbital Distance $57.9 \mathrm{mkm} \times 50.3 \mathrm{mkm}$ Mercury Venus distance.
(No error)
2-
$(\text { Earth Orbital Distance. } 149.6 \mathrm{mkm})^{2}=$ 4* Mercury Orbital Distance $57.9 \mathrm{mkm} \times 91.7 \mathrm{mkm}^{*}$ Mercury Earth distance)
(2.5\%)

3-
$(\text { Mars Orbital Distance } 227.9 \mathrm{mkm})^{2}=$ 4* Venus Orbital Distance $108.2 \mathrm{mkm} \times 120 \mathrm{mkm}^{\text {x }}$ Venus Mars distance)
(No error)
4-
$(\text { Ceres Orbital Distance } 415 \mathrm{mkm})^{2}=$ 4* Mars Orbital Distance $227.9 \mathrm{mkm} \times 187 \mathrm{mkm}^{*}$ Mars Ceres distance)
(No error)
5-
(Jupiter Orbital Distance 778.6 mkm$)^{2}=4^{*}$ Ceres Orbital Distance $415 \mathrm{mkm} \times 364 \mathrm{mkm}$ Ceres Jupiter distance)
(No error)
6-
(Saturn Orbital Distance 1433.5 mkm$)^{2}=4^{*}$ Jupiter Orbital Distance $778.6 \mathrm{mkm} \times 655.7$ mkm Jupiter Saturn distance)
(No error)
7-
(Uranus Orbital Distance 2872.5 mkm$)^{2}=$ 4* Saturn Orbital Distance $1433.5 \mathrm{mkm} \times 1439^{\text {* }}$ mkm Saturn Uranus distance)
(No error) 8 -
(Neptune Orbital Distance 4495.1 mkm$)^{2}=4^{*}$ Uranus Orbital Distance 2872.5 mkm x 1622 mkm Uranus Neptune distance)
9-
(Pluto Orbital Distance 5870 mkm$)^{2}=$ 4* $^{*}$ Uranus Orbital Distance $2872.5 \mathrm{mkm} \times 2997.5$ mkm Uranus Pluto distance)

## II- Discussion

The Equation works perfectly except with Mars, Earth and Pluto .... ?
We have discussed this equation before and answered this question - any way
The equation tells that
Planet orbital distance is defined based on another planet orbital distance! WHY?

> Because Planets Motions Consist Together One Unified Motion Which Explain The Dependency Between Planets Motions And Orbital Distances
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## 3-4 Pluto \& Earth Data Analysis Proves The Hypothesis I-Data

(1)

## 366000 km Outer Planets Diameters Total

## 2390 km PLuto Diameter

Note Please : 153 hours = Pluto Day
(2)

$$
\frac{153 \text { h PLuto Day }}{24 \text { h Earth Day }}=\frac{29.8 \mathrm{~km} \text { (Earth Velocity) }}{4.7 \mathrm{~km} \text { (Pluto Velocity) }}=2 \pi
$$

(3)

## $153 \times 7511.4 \mathrm{~km}$ (Pluto Circumference) $=0.99 \times 1.16 \mathbf{m k m}$

(4)
7511.4 km (Pluto Circumference) $\times 86400$ seconds $=0.99 \times 655 \mathrm{mkm}$ (Jupiter Saturn distance)
(5)
$120536 \mathrm{~km}($ Saturn Diameter $)=(7.1)^{2} \times 2390 \mathrm{~km}$ (Pluto Diameter)

## II-Old Data

(a) 97.8 seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}=113.4 \mathrm{mkm}$
(b) Pluto orbital period $90560 \mathrm{~d} .=2 \pi^{3} \times 1461 \mathrm{~d}$. (Earth cycle $365+365+365+366$ )
(c) Pluto orbital distance $5906.4 \mathrm{mkm}=2 \pi \times 940 \mathrm{mkm}$ (Earth orbital circumference)
(d) Earth velocity $=$ Pluto velocity $\times 2 \pi$
(e) 17.4 deg (inner planets orb. inclinations To.) $\times 0.99=17.2 \mathrm{deg}$ (Pluto orb. Inclin.)

ALSO 23.6 deg (outer planets axial tilts Total) x $0.99=23.4 \mathrm{deg}$ (Earth axial tilt)
(f) 122.5 deg. (Pluto axial tilt) $=23.45 \mathrm{deg}$. (Earth axial tilt) $\times 5.22 \mathrm{deg}$ (where 5.1 deg = Earth Moon orbital inclination - error 2.5\%)

## II-Discussion

We may remember that
Earth velocity daily $2.58 \mathrm{mkm} \quad=$ Pluto velocity daily $0.406 \mathrm{mkm} \quad \mathrm{x} 2 \pi$

- Earth Velocity $2.58 \mathrm{mkm} /$ day $=$ Pluto Velocity $0.406 \mathrm{mkm} /$ day $\quad \mathbf{x} 2 \pi$
- Pluto Orbital Distance $5906 \mathrm{mkm}=$ Earth orbital circumference $940 \mathrm{mkm} \times 2 \pi$
- Pluto Day 153 hours = Earth Day 24 hours $\quad$ x $2 \pi$

The data shows easily that Earth and Pluto velocities rate is a common one between them - the data is just energy transported from point to another as we see-
I wish I prove my idea clearly -
We don't deal with 2 separated planets from each other - we deal with 2 carriages in the same train - not only the velocity is relative between them - but also huge number of data is relative between them - why? Because the energy is transported from one to another - the energy creates the matter, distance and motion - that's the behind reason

## 4- Solar System Motions is One Unified Motion

4-1 Pluto Motion Concept
4-2 Earth Moon Orbit Regression

## 4-1 Pluto Motion Concept

Why solar planets motions consist one unified motion?
(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 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 $=406000 \mathrm{~km}=$ solar planets diameters total
(2)
- Light supposed velocity for 1 second $=1.16 \mathrm{mkm}$ and light known velocity for 1 second 0.3 mkm . Their Total $=1.46 \mathrm{mkm}$ Per Second
But
- The value $1.46 \mathrm{mkm}=\pi x 0.4665 \mathrm{mkm}$ (Neptune Daily Velocity)
i.e.
- Light beam motion for 1 second (2 light velocities together) create Neptune Motion for 1 solar day


## Conclusion

The solar system is created based on energy of 1 second motion of light beam From Energy Transportation Process we may conclude the following:
(1) Energy is transported through the solar system, creating Planet Matter And Orbital Distance
(2) This energy is energy of light motion for 1 second
(3)Planet motion for 1 day depends on light motion for 1 second

## (4) Planets different motions is considered as one unified motion resulted from light motion for 1 second

Why does Earth Moon Orbit regress? http://vixra.org/abs/1909.0064
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(2)

We have 2 basic concepts
(1) Solar Planets Data Is Controlled By One Equation - which is $(\mathrm{F}(\mathrm{z})=2 \mathrm{x}+1 \mathrm{y})$
(2)Light ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) motion for 1 second causes planet to move for 1 solar day How these 2 concepts can be unified into one concept only
$1.16 \mathrm{mkm} \quad=$ light motion for 1 second
$0.406 \mathrm{mkm} \quad=$ Pluto Motion for 1 solar Day

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

Solar Planets Data Equation

## $1.16 \mathrm{mkm}=0.406 \mathrm{mkm}+2 \times(0.377 \mathrm{mkm})$

Where
$0.377 \mathbf{m k m}=$ Earth Moon distance at total solar eclipse
Also

### 0.377 mkm = Saturn Circumference

Where
$\frac{\text { Jupiter diameter } \quad 142984 \mathrm{~km}}{\text { Saturn diameter }} 120536 \mathrm{~km} \quad=\frac{2 \pi}{2 \pi-1}$
(C)

2 Jupiter Circumferences - 2 Saturn Circumferences $=1$ Jupiter Diameter (error 1.3\%)
(D)
$(\text { Jupiter Diameter })^{2}+(\text { Saturn Diameter })^{2} \quad=(0.5 \text { Saturn Circumference })^{2}(1.2 \%)$ (F)

Saturn Diameter - Jupiter Radius $=$ Neptune Diameter x 0.99

## Discussion

The previous data tells that -
(1)

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

The equation $\mathrm{F}(\mathrm{z})=2 \mathrm{x}+1 \mathrm{y}$ controls solar planets data
(3)

Solar planets basic data is created based on the rate $(1.16 \mathrm{mkm} / 0.406 \mathrm{mkm})=\mathrm{A}$
Which can be supported easily by the next table -
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| Table No. $1 \quad$ The Rate $=\mathbf{A}=\mathbf{2} .857=(1.16 / 0.406)$ |  |  |
| :---: | :---: | :---: |
| The Rate between 2 Values | = A | Error |
| $((1.16 \mathrm{mkm} / \mathrm{sec})-(0.3 \mathrm{mkm} / \mathrm{sec})) /(0.3 \mathrm{mkm} / \mathrm{sec})=$ | = A |  |
| Solar Planets Masses Total / 0.5 Jupiter Mass= | = A | 1\% |
| Planets Diameters Total $366550 \mathrm{~km} /$ Jupiter Diameter $142984 \mathrm{~km}=$ | = A |  |
| Jupiter Diameter 142984 km / Neptune Diameter 49528 km = | = A |  |
| Mars Diameter 6792 km / Pluto Diameter 2390 km= | = A |  |
| $25920 \mathrm{mkm} / 9010 \mathrm{mkm}$ (Saturn orbital circumference)= | = A |  |
| 655 mkm (Jupiter Saturn distance) $/ 227.9 \mathrm{mkm}$ (Mars orbital distance) $=$ | = A |  |
| 5906 mkm (Pluto Orbital distance) /2088 mkm (Jupiter Uranus Distance)= | = A | 1\% |
| Saturn diameter $120536 \mathrm{~km} / 43000 \mathrm{~km}$ (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) $\times 2 /$ 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 $/ \pi^{2}$ | = A |  |
| Earth Moon Orbi. Inclination $5.1 \mathrm{deg} / 1.8 \mathrm{deg}$ Neptune orbi. Inclination | = A | 0.7\% |
| ( $7 \mathrm{deg}=$ Mercury orbi. Inclination $)^{2} /(17.2 \mathrm{deg}$ 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
Is the 2737 Phenomenon a real one? (II)
http://vixra.org/abs/1908.0583
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## 4-2 Earth Moon Orbit Regression proves The Unified Motion

## 4-2-1 Moon Orbital Geometrical Structure

## 4-2-2 Moon Orbit Regression Analysis 4-2-3 Earth Circumference

## 4-2-1 Moon Orbital Geometrical Structure

## I-Data

i. Earth Moon Distance at Perigee point $=363000 \mathrm{~km}=$ Solar Outer Planets Diameters Total (error 1\%)
ii. Earth Moon Distance at Apogee point $=406000 \mathrm{~km}=$ Solar Planets Diameters Total
iii. The Distance between Perigee and Apogee $=40000 \mathrm{~km}=$ Inner Solar Planets Diameters Total = Earth Circumference.
iv. Earth daily motion $=$ The moon orbit circumference at apogee radius $(r=406000 \mathrm{~km})$
v. Saturn Circumference $=$ Earth Moon Distance at total solar eclipse radius ( $\mathrm{r}=377000 \mathrm{~km}$ )
vi. Note Please/ Solar Planets Diameters Total= 2 Jupiter diameters + 1 Saturn diameter (i.e. Jupiter diameter $=8$ solar planets diameters total)
vii. $\quad 2$ Neptune Circumference $=$ outer planets diameters total (without Neptune) ( $1.8 \%$ )

## II- More Data

Pythagoras rule is used to define the moon motion basic radiuses! Why?


## Figure No. 1 (Note Please - FDBR is a square)

## I-Data

Let's review the data $\ldots$ we know $A B=B C=86000 \mathbf{k m}$, and $B R=C R=43000 \mathbf{k m}$
$(\text { EB })^{2}+(86000 \mathrm{~km})^{2}=(E C)^{2}$
$(\mathbf{E C})^{2}+(86000 \mathrm{~km})^{2}=(\mathrm{EG})^{2}$
(error 1\%)
$(\mathbf{E G})^{2}+(86000 \mathrm{~km})^{2}=(\mathrm{S})^{2} \quad$ (where $\mathrm{S}=394000 \mathrm{~km}$ - unknown point)
$(\mathrm{S})^{2}+(86000 \mathrm{~km})^{2}=(\mathbf{E D})^{2}$

## I- More Data

BG $\quad=21000 \mathrm{~km}$
CG $=88500 \mathrm{~km}$
DG $=22000 \mathrm{~km}$
CD $=96150 \mathrm{~km}$
Triangle Angles
E Angle
A Angle
ECB Angle
BDC Angle
DCB Angle
$=21000 \mathrm{~km}$

II-Discussion
The previous Data is example of many others
The moon orbit is created based on many geometrical rules - which shows that it's found by deep geometrical interactions - We can't discuss the moon orbit geometry here -review Earth Moon Orbit Triangle Analysis (Revised) http://vixra.org/abs/1907.0627 The Moon Orbit Analysis http://vixra.org/abs/1811.0422
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## 4-2-2 Moon Orbit Regression Analysis

Moon Orbit Regression Proves That -
The Moon regression is produced as one unified motion (energy) transported from planet to another through the solar group

Let's summarize the idea in following

## Moon Orbit Regression Is A Unified Motion I-Data

## Group No. 1

i. $\quad 6939.75$ seconds $\quad x 0.3 \mathrm{mkm} / \mathrm{sec}$ (light velocity) $=2088 \mathrm{mkm}$
ii. 5092 days $\quad x 0.406 \mathrm{mkm} /$ day (Pluto velocity) $=2067 \mathrm{mkm}$
iii. 1.44 degrees $\quad x 1433.5$ months $=2067$ degrees
iv. 327.6 days (lunar sidereal year) $\times 2 \pi \quad=2060$ days

## Group No. 2

v. (511.1 degrees ) / 1.44 degrees $=354.36$ degrees
vi. $2 \times 232.7 \times 1.44$
$=670$ degrees
vii. $\quad 655 \mathrm{mkm}$ (Jupiter Satrun Distance) $\times 1.44$
$=940 \mathrm{mkm}$
viii. 254
x 1.44
$=365.25$

## Where

511.1 degrees = Planets Axial Tilts Total
232.7 degrees $\quad=$ Inner Planets Axial Tilts Total
$254=$ this value is discussed in part one of this series

## II-Discussion

What's the idea which we try to prove here?
The moon orbit regression is a general motion done by many planets in the solar system

How to prove that?
The previous data tells us that there are different motions are done in the same direction - with more specific words - we have many planets move in the same distance - can that create one unified motion...
Because why they move in the same direction? What force push all of them? May be the same force push all of them or may be it's a motion of gears transported from one gear to another - and by such energy transportation the motion is done in the same distance by different players
Now the idea is clear as possible
Because different players move through the same distance we may conclude that there's one reason behind - and that supports the claim these all motions are created based on one unified motion only

Now let's discuss the previous data as deep as possible in following
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## Equation No. i

### 6939.75 seconds $\mathbf{x} 0.3 \mathrm{mkm} / \mathrm{sec}$ (light velocity) $\quad \mathbf{2 0 8 8} \mathbf{~ m k m}$

Light moves a distance $=2088 \mathrm{mkm}$ (Jupiter Uranus Distance) during 6939.75 seconds - we know Metonic Cycle $=6939.75$ days and I have suggested that light motion for 1 second causes planet to move for 1 solar day
The previous data is a simple application for the idea -

## Conclusion

2088 mkm is A Light Motion Distance
Equation No. ii
5092 days $\quad x 0.406 \mathbf{m k m} /$ day (Pluto velocity) $\quad \mathbf{2 0 6 7} \mathbf{m k m}$
$2067 \mathrm{mkm}=2088 \mathrm{mkm} \underline{(\text { error 1\%) }}$
Pluto move during 5092 days a distance $=2088 \mathrm{mkm}=$ light motion $!$
5092 mkm = Jupiter Pluto Distance
Pluto doesn't see this is a distance - for his it's a period of time and he uses it to pass a distance $=2088 \mathrm{mkm}=$ light motion during 6939.75 seconds

How to understand that?
The energy is sent from Jupiter to Pluto - if we remember the old stories - Energy is at Pluto hand basically and he sent it now toward Uranus -
For that reason
The transported energy which is seen as 17.2 degrees (Pluto orbital inclination) will be sent to Uranus and be seen as 17.2 hours (Uranus Day Period)

Please review Uranus Day Period http://vixra.org/abs/1908.0637
The geometrical mechanism is unclear but the energy is transported and seen in the data clearly -
The energy is sent from Pluto to Uranus - and we have discussed frequently the harmony between Pluto and Uranus data which is created from this same transported energy.
So
Equation (i) and (ii) tell us the energy is transported to Uranus from Pluto and the light motion will transport it from Uranus to the moon orbit

## Note Please

The error $1 \%$ we don't discuss because we have discussed the factor $99 \%$ or 0.99 which is used frequently in the solar system geometry - simply when the rate 0.99 is used will left error $1 \%$ (example to remember of the rate 0.99 ---- 17.4 degrees (inner planet orbital inclinations total) x $0.99=17.2$ degrees "Pluto orbital inclination" also 23.45 degrees $=0.99 \times 23.6$ degrees (outer planets orbital inclinations total)
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## Equation No. iii

1.44 degrees $\quad x 1433.5$ months $=2067$ degrees

## Earth moon orbit regresses yearly 19 degrees -means monthly 1.44 degrees

 SoDuring 1433.5 months - the moon orbit will regress 2067 degrees
But
We know that -1 degree $=1 \mathrm{mkm} \ldots$ Why? Because Mercury orbital Circumference $=360 \mathrm{mkm}=360$ degrees means $1 \mathrm{mkm}=1$ degree
And because the solar system is one machine (or one building)
We see clearly that
The moon orbit receive the same distance 2067 mkm (or 2088 mkm ) where we accept that distance $=$ energy
And that means the energy is transported from Pluto to Uranus and after the energy had to use Mercury data to reach to the moon orbit - that means - even if energy reaches directly from Uranus to the moon orbit - but this energy depends on Mercury effect on the solar system geometry and that means this energy reaches by Mercury effect-
That tells us
The same energy started from Jupiter to Pluto then to Uranus then to Mercury to Earth Moon Orbit
One energy passes many planets and connects all of them to do one motion
That proves
( $\left.1^{\text {st }}\right)$ Energy is transported through the solar system
$\left(2^{\text {nd }}\right)$ Moon orbit Regression is One Motion done by Different Planets
Note Please
$1433.5 \mathrm{mkm}=$ Saturn orbital distance
Frequently we have discussed how this value 1433.5 mkm is transformed to be 1433.5 days - but in previous equation it's the first time we see this value used as a period of month - any way let's remember its using as days to support the data direction in following

| Table No. 2 The Table uses 1433.5 mkm (Saturn orb. Distance) As 1433.5 Days | error |  |
| :--- | :--- | :--- |
| -1433.5 days x Mercury velocity daily $4.095 \mathrm{mkm}=5870 \mathrm{mkm}$ Pluto Orbital Distance | 0 |  |
| -1433.5 days x Venus velocity daily $3.02 \mathrm{mkm} \quad=4329 \mathrm{mkm}$ Venus Neptune Distance | 0 |  |
| -1433.5 days x Earth velocity daily 2.58 mkm | $=3699 \mathrm{mkm}$ Jupiter Neptune Distance | 0 |
| -1433.5 days x Mars velocity daily $2.082 \mathrm{mkm} \quad=2984.5 \mathrm{mkm}$ Uranus Pluto Distance | 0 |  |
| -1433.5 days x Jupiter velocity daily $1.1318 \mathrm{mkm}=1622.4 \mathrm{mkm}$ Uranus Neptune Distance | 0 |  |
| -1433.5 days x Saturn velocity daily $0.838 \mathrm{mkm}=1201 \mathrm{mkm}$ Mars Saturn Distance | $0.3 \%$ |  |
| -1433.5 days x Uranus velocity daily $0.5875 \mathrm{mkm}=842 \mathrm{mkm}$ |  |  |
| -1433.5 days x Neptune velocity daily $0.4665 \mathrm{mkm}=670 \mathrm{mkm}$ Venus Jupiter Distance | 0 |  |
| -1433.5 days x Pluto velocity daily $0.406 \mathrm{mkm} \quad=582 \mathrm{mkm}$ Mercury Earth distance*2П | $1 \%$ |  |

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The idea is simple - let's remember it here
The distance is used as a period of time - because
Time And Distance Equivalence (Proves) http://vixra.org/abs/1904.0125
But
While the period of time is different the distance still the same - why? Because the solar system motion uses a motion of 1 second (light motion) to produce a planet motion for 1 solar day - how to day that?
Because one planet motion uses the distance as 1 mkm for 1 second - another planet motion uses the same distance as $1 \mathrm{mkm}=1$ minute - and the third planet motion uses the same distance as $1 \mathrm{mkm}=1$ hour ....etc
Why the distance is same? Because the distance is the transported energy from point to another - this is the general theoretical idea based on which the distance 1433.5 mkm (Saturn orbital distance) is used as 1433.5 days and here in the previous equation is used as 1433.5 months.

## Equation No. iii

| 327.6 days (lunar sidereal year) $\times 2 \pi$ | $=\mathbf{2 0 6 0}$ days |
| :--- | :--- |
| Or |  |
| $\mathbf{3 2 7 . 6} \mathbf{~ m k m ~ x ~} 2 \pi$ | $=\mathbf{2 0 6 7} \mathbf{~ m k m}$ |

Now the transported energy to the moon orbit will seen in its data
The same distance 2067 mkm is seen in the moon motion data but in lunar sidereal year - so the energy is transported in distance form but we see it in time period where this is not strange because we know that

Time And Distance Equivalence (Proves) http://vixra.org/abs/1904.0125

## Conclusion

(1)

Moon Orbit Regression is One Motion done by Many Planets
(2)

Solar System Motions Are One Unified Motion Done By All Planets - as the train motion done by all carriages.
(3)

Solar Planets Motions Are Done Based On Light Motion
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## Saros Cycle

## I-Data

(a)
6585.36 days $=$ Saros Cycle
(Note Please - moon orbit regresses 19 degrees yearly and causes to regress the calendar 19 days yearly - means 1 day $=1$ degree)
(b)
6585.36 degrees $^{2}=232.7$ degrees $\times 28.3$ degrees

$$
\begin{array}{ll}
=278.4 \text { degrees } & x 23.6 \text { degrees } \\
=115.2 \text { degrees } & x(180 \text { degrees } / \pi)
\end{array}
$$

Where
232.7 degrees = Inner Planets Axial Tilts Total
278.4 degrees $\quad=$ Outer Planets Axial Tilts Total
23.6 degrees $\quad=$ Outer Orbital Inclinations Total
28.3 degrees $\quad=$ Neptune Axial Tilt
115.2 degrees $\quad=90$ degrees +25.2 degrees (Mars axial tilt)

But
Shadow Saros Cycle changes its site on Earth during the cycle based on the angle 115.2 degrees.
(c)

Saros Cycle Period 6585.321 days $=241 \times 27.32$ days (Lunar Sidereal Month)

$$
=19 \times 346.6 \text { days (Nodal Year) }
$$

$$
=223 \times 29.53 \text { days (Lunar Synodic Month) }
$$

Metonic Cycle Period 6939.75 days $=19 \times 365.25$ days (Sidereal Days)
$=235 \times 29.53$ days (Lunar Synodic Month)
$=20 \times 346.6$ days (Nodal Year)

## I-Discussion

The previous data proves my claim clearly
Because the planets motions are one unified motion - so - all planets data (specifically the motions data) are created relative to each other and depending on each other - why? Because it's one unified motion
And to support us
The motions themselves came to us in group No. c to show how these motions are in harmony which can be created only if these all motions are one unified motion.

Conclusion
Solar System Motions Are One Unified Motion Done By All Planets - As The Train Motion Done By All Carriages.
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## 4-2-3 Earth Circumference <br> I- Data



## II-Discussion

Earth rotates around her axis daily moving 40080 km in this rotation - based on this motion distance 40080 km many data is produced...
How to understand that?
One motion controls many different data !
What conclusion we mat reach here?

## Conclusion

Solar System Is One Machine Moves With One Unified Motion
And because of that- different data is created depending on this same distance why? Because the unified one motion needs harmony from all players (Puppets)
So the puppets are created to be in harmony with the one unified motion otherwise this same motion can" be done
Now we can understand how this table is created and why planets many data shows dependency on each other - all these features which we dealt with for long time are found basically to enable the solar system to perform his one unified motion Because any inconsistency in the whole machine will prevent its general motion

