# Matter Creation Principle (Part III) <br> Gerges Francis Twadrous 

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#### Abstract

\section*{Paper Hypothesis}

There's a light beam its velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ travels from Pluto to Earth Axis which creates the connection between Pluto on one side and Earth with her Moon on the other Side Based on this connection Pluto and the Moon orbit effect on Solar Planets Creation Process


This hypothesis depends on

## Solar System General Principle

- Solar group geometrical structure depends on energy of light beam motion (its velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ ) for one second period
- Light motion ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) for 1 second period causes Planet to move for 1 solar day..
Please review

Matter Creation Principle (Part II)
http://vixra.org/abs/1908.0206
Solar System Geometry (Summarized Discussion Part 4)
http://vixra.org/abs/1908.0105

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## 1- Introduction

This paper provides a heavy claim ...let's summarize it in following:-
(1) There's A Relationship Between Earth And Pluto
(2) This Relationship is created by motion of light beam with velocity .16 $\mathrm{mkm} / \mathrm{sec}$ traveling from Pluto to Earth Axis
(3) This relationship between Pluto and Earth with her Moon consist an unified effect on planets creation process

Because the claim is so heavy - We have to start our argument immediately
What does this claim tell us?
A light beam ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) travels from Pluto to Earth Axis
Can that be real??
If a light beam is sent from Pluto to Earth Axis - Why we don't see it?
We know this question answer .... We can't discover or realize any higher velocity than $0.3 \mathrm{mkm} / \mathrm{sec}$ ! Why? Because our material bodies ( 5 senses) are made almost from light beam its velocity $0.3 \mathrm{mkm} / \mathrm{sec}$ - we have discussed that before
Please Review
Why The Light Is The Universe Highest Velocity?
http://vixra.org/abs/1801.0369
Ok - Let's move further - If a light beam $(1.16 \mathrm{mkm} / \mathrm{sec})$ travels from Pluto to Earth Axis, How can we discover it?
Equation No. (1) 97.8 seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}=113.4 \mathrm{mkm}$
What does this equation tell us?
Light beam $1.16 \mathrm{mkm} / \mathrm{sec}$ travels during 97.8 seconds a distance $=113.44 \mathrm{mkm}$ but we know that $1 \mathrm{mkm}=1$ degree so $113.44 \mathrm{mkm}=113.44$ degrees
113.44 degrees $=90$ degrees +23.44 degrees $($ Earth Axis $)$

So the light motion for 97.8 seconds will create the distance based on which Earth Axis can be found vertically....
Based on this data we should accept the claim that there's a relationship between Earth and Pluto? Can that be possible?!!
Of course not... we have found before that Earth and Pluto data is almost very near!
I-Data
(1) 97.8 seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}=113.4 \mathrm{mkm}$
(2) Pluto orbital period $90560 \mathrm{~d} .=2 \pi^{3} \times 1461 \mathrm{~d}$. (Earth cycle $365+365+365+366$ )
(3) Pluto orbital distance $5906.4 \mathrm{mkm}=2 \pi \times 940 \mathrm{mkm}$ (Earth orbital circumference)
(4) Earth velocity $=$ Pluto velocity $\times 2 \pi$
(5) 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)
(6) 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 $2.5 \%$ )
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## I-Discussion

What we are trying to do here??
We here try to understand....we have no idea to teach it and we accept no illogical belief...we here try to think.... And to understand only...
The previous 6 equations (Data) show that there's some similarity in Data between Pluto and Earth with her moon...why?
I wish I explain my idea clearly as possible- because we keep by heart our classical concepts but we don't understand any planet data - simply we don't use the planet data at all - this is illogical- because as in anatomy science - the researcher has to examine the creature to see his inner data - we do the same here - why Jupiter diameter $=142984 \mathrm{~km}$ ? why Pluto axial tilt $=122.5$ degrees
but
122.5 deg (Pluto AT) x 0.8 deg (Uranus Orb. Inclin.) $=97.8 \mathrm{deg}$. (Uranus AT) Pluto axial tilt is A Rate between Uranus axial tilt and Uranus orbital inclination!
Again I don't fight with what's found by pure coincidences here - simply we need to understand how the planet data is created? Why Pluto Axial Tilt $=122.5 \mathrm{deg}$ ?

We have discussed many similar data in previous papers- the situation doesn't change So the answer is always the same ...let's write the idea clearly in following...

Planets data analysis shows always $\underline{\text { A Dependency - we can't explain this }}$ dependency based on the classical description and I have to claim that the solar group is one building each planet is a part of this same building which can explain the data dependency reason...
By such way we have to almost ignore the classical description and we will move out of the basic classical definitions- for example the mass no longer be independentmeans planet mass may be created depending on other planets masses- to create all planets masses in a general distribution form
Also we may consider that the solar group is similar to one machine or one trainmeans - any planet motion is a part of this train motion - means all planets move together as one train (Planets as carriages inside the same one train)
These new ideas we create to explain the planets data - and we still stand in the same place and face the same choices - (1) to believe the classical description and ignore the planets data or (2) to analyze the planets data to know the true geometrical rules behind....we choose the $2^{\text {nd }}$ choice- and still try to know how the solar group is created - Let's return to this paper discussion...

## A light beams ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) is sent from Pluto to Earth Axis, which creates a relationship between Pluto at one side and Earth with her moon at the other side - by this relationship Pluto and Earth Moon effect on Planets Creation process

This is the main claim in this paper let's try to prove it in following points..
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## 2- Methodology Planetary Fact Sheet - Metric

|  | MERCURY | VENUS | EARTH | MOON | MARS | JUPITER | SATURN | URANUS | NEPTUNE | PLUTO |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mass ( $\mathbf{1 0}^{\mathbf{2 4}} \mathbf{\mathrm { kg }}$ ) | 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 (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 ( $10^{6} \mathbf{~ k m}$ ) | 57.9 | 108.2 | 149.6 | 0.384* | 227.9 | 778.6 | 1433.5 | 2872.5 | 4495.1 | 5906.4 |
|  | 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 |
| 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 |
|  | MERCURY | VENUS | EARTH | MOON | MARS | JUPITER | SATURN | URANUS | NEPTUNE | PLUTO |

The previous table is Nasa Planetary Fact Sheet - Metric - it's the only source I use for Solar Planets Data (https://nssdc.gsfc.nasa.gov/planetary/factsheet/)

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

## 2. I depend on Data Direction

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

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 <br> 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.

## 3- Solar Group General Energy (Revision)

## Data

## (Equation No. A)

## (Pluto Orbital Circumference- Jupiter Orbital Circumference) $\mathbf{x} \boldsymbol{\pi} \boldsymbol{= 1 0 0 2 2 4} \mathbf{~ m k m}$ 2x100224 mkm =

> 28255 mkm (Neptune Orbital Circumference) + $2 \times 86400 \mathrm{mkm}$

## But

100224 million $\mathrm{km}=($ Pluto Orbital Circumference - Jupiter Orbital Circumference) $\mathbf{x} \boldsymbol{\pi} \quad$ (I) (Error less 1\%)
(Neptune orbital Circumference - Earth orbital Circumference) $x \pi=\underline{\mathbf{8 6 4 0 0} \mathbf{~ m k m}}$
(Venus Orbital Circumference follow simply equation II where the error less $1 \%$ )

## Discussion

We have discussed this data before - the basic concept in our discussion is - Space Is Energy - means Distance = Energy - i.e. Distance Between Pluto \& Jupiter Is Energy...
This concept is so useful because the distances equality is our guide to know if the energy is transported from any point to another...(Why the Equations use $\pi$ ? I still search behind this question)

## Why The Previous Data Provide A Proof?

Because (1) The Planets Real Distances Are Sufficient For The Description
(2) The Energy motion uses the same equation form (Equations I and II)

## The Whole Story

- The energy is sent from Jupiter toward Pluto (NOTE The Energy Direction)
- The sent energy was in light beams form - but this light beam velocity $=1.16$ $\mathrm{mkm} / \mathrm{sec}$ - and Jupiter sends this energy toward Pluto during 2 complete solar days ( $2 \times 86400$ seconds) - so this light beam will pass during 2 solar days a distance $=1.16 \mathrm{mkm} \times 86400 \sec \times 2=100224 \mathbf{m k m} \times 2$
The value $\mathbf{1 0 0 2 2 4} \mathbf{~ m k m ~ x ~} \mathbf{2}$ is the solar group main energy (Distance = Energy)
Then
- Neptune used $16 \%$ from this energy to create its orbital circumference

Then

- Neptune reflected the rest of energy into 2 equal different trajectories of energy - each trajectory contains energy equal 86400 mkm
- $1^{\text {st }}$ Trajectory is sent to Mercury alone ( $\mathbf{8 6 4 0 0} \mathbf{~ m k m}$ )
- $2^{\text {nd }}$ Trajectory is sent to Earth \& Venus ( 86400 mkm )

Now - based on the previous story - what conclusion we may reach?
If (1) Distance = Energy
(2) Jupiter sent the main energy
(3) Neptune reflected this main energy

So - Jupiter \& Neptune Orbital distances (or circumferences) control the inner planets orbital and internal distances... can that be true?! Let's try to answer..
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## Jupiter and Neptune orbital distances control the inner planets distances

## I-Data

## Group (I)

Neptune Orbital Distance $4495.1 \mathrm{mkm}=$
= Earth Venus distance $41.4 \times$ Venus orbital distance 108.2
= Mercury Orbital Distance 57.9 x Earth Mars distance 78.3
= Mercury venues distance $\mathbf{5 0 . 3} \mathbf{x}$ Mercury Earth distance 91.7 (error 2.5\%)
Why the inner planets orbital and internal distances multiplications produce Neptune Orbital Distance - Because the distance is Energy - and Neptune is the inner planets direct source of Energy because he reflected the Energy toward them.
I wish we have more confidence in our argument...

## Group (II)

## Jupiter Orbital Circumference

## (Part 1)

360 mkm (Mercury Orbital Circumference) +680 mkm (Venus Orbital Circumference) +940 mkm (Earth Orbital Circumference) +1433.5 mkm (Mars Orbital Circumference)
+1433.5 mkm (Mars Orbital Circumference) $=4900 \mathrm{mkm}$ (Jupiter Orbital Circumference) (error 1\%) (Note - We Use Mars Orbital Circumference 2 Times)
(Part 2)

## Jupiter Orbital Distance

- Mercury Orbital Distance x $2=$ Mercury Jupiter Distance
- Venus Orbital Distance =Venus Jupiter Distance
- Earth Orbital Distance =Earth Jupiter Distance (Error 1.3\%)


## (Note

1- (Earth and Jupiter are at 2 sides from the sun i.e. $940 \mathrm{mkm}=778.6 \mathrm{mkm}+149.6 \mathrm{mkm}$ )
2- (Data Part 2 tells that the inner 3 planets define their orbital circumferences relative to their distances to Jupiter - which supports our claim)
3- Mercury moves during his day period (= 2 orbital period) a distance $=$ Mercury Jupiter Distance
(Part 3)

$$
\text { 1. } \frac{778.6 \mathrm{mkm} \text { Juppiter Orbital Distance }}{720.3 \mathrm{mkm} \text { Jupiter Mercury distance }}=1.0725
$$

2. $\quad 720.3 \mathrm{mkm}$ Jupiter Mercury distance $=1.0725$
(No Error)

$$
\frac{670 \mathrm{mkm} \text { Jupiter Venus Distance }}{629 \mathrm{mkm} \text { Jupiter Earth Distance }}=1.0725
$$

## Conclusion

Inner planets orbital and internal distances are created relative to Jupiter and Neptune orbital circumferences... which supports our argument.. Please review

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

## 4- A light beam sent from Pluto to Earth Axis

4-1 Preface
4-2 Pluto motion depends on light beam motion
4-3 Light beam $(1.16 \mathrm{mkm} / \mathrm{sec})$ is sent from Pluto to Earth Axis
4-4 Sun Rays production

## 4-1 Preface

Is this paper easy to be written?!
Let's explain how it's complex to manage these arguments.....
Let's see Equation No. 6 in interlocution Data

## Equation No. (6)

122.5 deg. (Pluto axial tilt) $=23.45 \mathrm{deg}$. (Earth axial tilt) $\times 5.22 \mathrm{deg}($ where $5.1 \mathrm{deg}=$ Earth Moon orbital inclination - error 2.5\%)

Why I used 23.45 degrees (Earth Axial tilt)? Because the error in equation will be $2.5 \%$ - but If I use outer planets orbital inclinations total (23.6 degrees) in this case the equation error will be just $1.7 \%$..... So why I have used the greater error?!!

Outer Planets Orbital Inclinations Total 23.6 degrees x $0.99=23.45$ degree (Earth Axial Tilt)

The rate 0.99 is unknown but used widely...

## Examples

Inner Planets Orbital Inclinations Total 17.4 degrees x $0.99=17.2$ degree (Pluto orbital inclination)
Also
$(180 / 2 \pi) \times 0.99=28.3$ degrees (Neptune Axial Tilt)
using of the rate 0.99 is so wide in the solar group geometry but I don't now yet its geometrical importance or role... that's why I try to summarize the discussion
the previous data tells us that...
Earth Axial Tilt is produced from Outer Planets Orbital Inclinations Total 23.6 deg. by geometrical effect of the rate 0.99 - the geometrical mechanism still obscure - but we know that $(23.6 \times 0.99=23.4)$ which means both numbers $(23.4$ and 23.6$)$ are related to each and we can use any of them in place of the other - that's why I have used the value 23.4 deg in place of the value 23.6 deg...
So in many discussions - while I try to summarize the discussion and avoid the complex details - I use the direct values to provide an approximate description about the data explanation... that doesn't mean we ignore planet data but means we avoid the complex details only and save The Data General Direction.

## 4-2 Pluto motion depends on light beam motion

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Pluto has a light beam its velocity $=1.16 \mathrm{mkm} / \mathrm{sec}$
We have proved this idea let's remember the proves in following

## Proves

1- Solar Group General Energy (Point no. 3 Of This Paper) tells that Pluto has a light beam its velocity $1.16 \mathrm{mkm} / \mathrm{sec}$
2- 5870 mkm (Pluto Orbital Distance) $=1.16 \mathrm{mkm} / \mathrm{sec} \times 5040$ seconds (Mercury Day needs 5040 seconds to be 176 solar days)

I claimed light ( $1.16 \mathrm{mlm} / \mathrm{sec}$ ) moves for 1 second causes Pluto motion for 1 solar day (Pluto moves daily a distance $=406000 \mathrm{~km}$ )

$$
\frac{1.16 \mathrm{mkm} / \mathrm{sec} \text { (light motion in } 1 \text { second) }}{0.406 \mathrm{mkm} / \mathrm{sec}(\text { Pluto Motion on } 1 \text { solar day) }}=A
$$

## We have seen that the rate A controls the solar planets basic data

Please review
Matter Creation Principle (Part II)
http://vixra.org/abs/1908.0206
Matter Creation Principle
http://vixra.org/abs/1908.0196
Solar System Energy Trajectory
http://vixra.org/abs/1908.0164
Solar System Motion Principle
http://vixra.org/abs/1908.0126
Solar System Geometry (Summarized Discussion Part 4)
http://vixra.org/abs/1908.0105
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## 4-3 Light beam $(1.16 \mathrm{mkm} / \mathrm{sec})$ is sent from Pluto to Earth Axis I-Data

## Group No. 1

i. $\quad \mathbf{9 7 . 8}$ seconds $\times 1.16 \mathbf{~ m k m} / \mathrm{sec}=\mathbf{1 1 3 . 4} \mathbf{~ m k m}$
ii. $\quad 97.8$ seconds $\times 0.3 \mathrm{mkm} / \mathrm{sec} \quad=29.37 \mathrm{mkm}$
iii. $\quad 97.8 \mathrm{deg}$. (Uranus axial tilt) $=122.5 \mathrm{deg}$ (Pluto axial tilt) $\times 0.8 \mathrm{deg}$ (Uranus Orbital inclination)
iv. $\quad 97.8$ deg. (Uranus axial tilt) $=19 \times 5.1 \mathrm{deg}$ (Moon orbital inclination)
v. $\quad 97.8$ deg. (Uranus axial tilt) $=17.4$ deg (inner planets orb. Inclination total) $\times 5.62$
(Remember (A) $17.4 \times 0.99=17.2$ (B) $17.4=7 \times 2.5=5.1 \times 3.4=6.7 \times 2.6=1.3 \times 13.39$ )

## Group No. 2

vi. $\quad 6939.75$ seconds $=71 \times 97.8$ seconds $=(71)^{2} \times 1.392($ Error $1 \%)($ Note/ 6939.75 days $=$ Metonic Cycle)
vii. $\quad 97.8 \times 29.37=\underline{\mathbf{2 8 7 2}} \mathbf{3} \mathbf{5} \mathrm{mkm} \quad=$ Uranus Orbital Distance
viii. $90000 \mathrm{mkm}=\pi^{3} \times \underline{2872.5} \mathrm{mkm}=$ Uranus Orbital Distance
ix. (Uranus Diameter/ Moon Diameter) $=$ ( 98.6 degrees $/ 6.7$ degrees)
x. $\quad($ Uranus Diameter/ Pluto Circumference $)=6.7$ degrees
(6.7 degrees $=$ Moon axial tilt)

## Group No. 3 <br> (data found in this paper introduction)

(2) Pluto orbital period $90560 \mathrm{~d} .=2 \pi^{3} \times 1461 \mathrm{~d}$. (Earth cycle $365+365+365+366$ )
(3) Pluto orbital distance $5906.4 \mathrm{mkm}=2 \pi \times 940 \mathrm{mkm}$ (Earth orbital circumference)
(4) Earth velocity $=$ Pluto velocity $x 2 \pi=$ Earth Moon obit at a apogee radius
(5) 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) (6) 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 $2.5 \%$ )

## Group No. 4

A. Earth Moon Distance at Perigee point $=363000 \mathrm{~km}=$ Solar Outer Planets Diameters Total (error 1\%)
B. Earth Moon Distance at Apogee point $\mathbf{= 4 0 6 0 0 0} \mathbf{~ k m}=$ Solar Planets Diameters Total
C. The Distance between Perigee and Apogee $=40000 \mathrm{~km}=$ Inner Solar Planets Diameters Total = Earth Circumference.
D. Earth daily motion $=$ The moon orbit circumference at apogee radius $(r=406000 \mathrm{~km})$
E. Pluto Motion Daily $=\mathbf{4 0 6 0 0 0} \mathbf{~ k m}$
F. Saturn Circumference $=$ Earth Moon Distance at total solar eclipse radius ( $\mathrm{r}=377000 \mathrm{~km}$ )
G. Note Please/ Solar Planets Diameters Total= 2 Jupiter diameters + 1 Saturn diameter
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## II-Discussion

The previous data provides many puzzles - to solve all of them we need a very long discussion.... Any we have to concentrate on our paper claim...

A light beam ( 1.16 mkm ) travels from Pluto to Earth Axis - proving by this equation $\mathbf{9 7 . 8}$ seconds $\times 1.16 \mathbf{~ m k m} / \mathbf{s e c}=\mathbf{1 1 3 . 4} \mathbf{~ m k m}$ (Eq. No.1)

Again it's hard to understand how this equation works! What we should do? One question only can solve many puzzles....let's ask it in following

## 97.8 degrees $=$ Uranus axial tilt

But
97.8 seconds $=$ What $?$ ? What's the relationship between these 97.8 seconds and 97.8 degrees Uranus axial tilt?
We know even the answer! Let's write it in following:

1. Because Mercury Orbital Circumference $=360 \mathrm{mkm}=360$ degrees so $1 \mathrm{mkm}=1$ degree - means 97.8 degrees $=97.8 \mathrm{mkm}$ (where the soalr group is one machine sop any planet can use any other planet data because all of them are gears work together)
2. we have seen that 86400 seconds can work as 86400 mkm means the second can work as million km - which means 97.8 mkm can work as 97.8 seconds - so this value 97.8 seconds in fact is Uranus axial tilt but we see in time period units that because the unit definition is relative as I have supposed before and the unit definition can be changed with the observe position changed - which enable 97.8 degrees to be 97.8 seconds

This is my answer which can't work as answer any more - it gives just a general idea which will never help to explain the solar system geometrical details

To solve the previous great puzzle we need to know how 97.8 degrees became 97.8 seconds.... This is the main secret in the solar system geometry...
Now
How Uranus axial tilt 97.8 degrees became $=97.8$ seconds??
When we see the distance value words as time value? Or when we see the degrees became seconds..
Another question ...... the seconds is passed (time elapsing) but Uranus axial tilt is a permanent value of degrees - how both can be produced based on each other?!
Let's try answer this question in next deep discussion
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## III-More Discussion

## Equation No. 6

6939.75 seconds $=71 \times 97.8$ seconds $=(71)^{2} \times 1.392($ Error $1 \%)$
$($ Note/ 6939.75 days $=$ Metonic Cycle $)$
Let's start the story from the beginning...
Light with known velocity ( $0.3 \mathrm{mkm} / \mathrm{sec}$ )b travels from Jupiter to Uranus (2088 mkm ) in a period $=6939.75$ seconds -
The time value can work as distance value and vice versa causing by higher velocity - specifically - because we know that $(\mathrm{x}=\mathrm{ct})$ so when $\mathrm{c}=1$ based on that $\mathrm{x}=\mathrm{t}$ which means the time and distance values will work as exchangeable units i.e.

What we see as time value works in another position as a distance value ( $\mathrm{x}=\mathrm{ct}$ )
Now the light $(0.3 \mathrm{mkm} / \mathrm{sec})$ needs 6939.75 seconds to pass from Jupiter to Uranus

Now the value 6939.75 seconds works also as a distance - and suffer from length contraction effect because this (distance) is found under relativistic effects (because of the higher velocity from which the period 6939.75 seconds is produced)

So the value 6939.75 mkm will contracted with the rate 71 which is produced based on velocity $\mathrm{v}_{2}=0.9999$ c (which we have discussed before and I supposed that this velocity must be found in the solar system where Earth registered velocity $=0.0001$ c which enable $0.9999 \mathrm{c}+0.0001 \mathrm{c}=\mathrm{c}$ )

The contraction of distance 6939.75 mkm will produce 97.8 mkm - now we know that the distance 6939.75 mkm work as time period 6939.75 seconds - so the result also 97.8 will be in time units 97.8 seconds...
But the distance 97.8 mkm still found and create Uranus axial tilt 97.8 degrees

This data discussion we should complete in another paper
But we can now reach to the following conclusion

## Conclusion

# Uranus Is The Connection Point Between Pluto On One Side And Earth With Her Moon On The Other Side- 

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## 4-4 Sun Rays Production

The previous discussion answers one important question
Let's remember the sun rays production equation

## Gerges Equation For Sun Rays production

$$
\frac{1}{4} C \times 4 C=C^{2}
$$

Where

* 1/4 C : Solar Planets Velocities Total Relative To The Sun
* 4C : The High Velocity Of Light, I claim is found.
* $\mathrm{C}^{2} \quad:$ The sun light source

We have discussed this equation before

The question was
Because Earth Motion causes the sun rate of time - that mean Earth motion makes the solar planets velocities total $=17.6$ million /solar is transformed into $(17.6 \mathrm{mkm} / 237$ seconds $)=1 / 4 \mathrm{C}$

The question is how factor no. $2=4 \mathrm{C}$ can work here?
Because 4C (as I claimed) is Jupiter energy - and
(1) How Jupiter energy can interact with Earth Motion?
(2) Jupiter energy $=1.16 \mathrm{mkm}$ and not 4C?

The light beam 1.16 mkm is sent already from Pluto to Earth Axis - that means the energy $1.16 \mathrm{mkm} / \mathrm{sec}$ is found already on the Earth axis...
Let's remember the rule
1 second motion of light (velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ ) causes the planet to move 1 solar day
Earth moves 1 solar day (rotation around her axis) to produce $=40000 \mathrm{~km}$
But light motion for $1 \mathrm{~second}=1.16 \mathrm{mkm} / \mathrm{sec}$
The total $1.16 \mathrm{mkm}+0.04 \mathrm{mkm}=1.2 \mathrm{mkm}=4 \mathrm{C}$
So the value 4 C is a real value and found on Earth Axis

## Conclusion

## Earth Axis (23.45 degrees horizontally) is a light beam its velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ but we can't see it as a light beams because our 5 senses are limited to discover the light with velocity $0.3 \mathrm{mkm} / \mathrm{sec}$

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