# Solar Planet Motion Depends On Light Motion Gerges Francis Twadrous <br> $2^{\text {nd }}$ Course Student - Physics Department - Physics \& Math Faculty - <br> Peoples' Friendship University - Moscow - Russia -2010-2013 

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## Abstract

## Paper Hypothesis

- Solar Planet Motion Depends On Light Motion

That means

- Planet motion at least is a double motions - i.e. light and planet moves together Or
- In more clear words - Plant motion is resulted from light motion That Means
- Light motion produces energy which planet uses for its motion - so planet motion is done depending on light motion

How to understand that??

- Is there a light beam moves with each planet?? NO
- The solar group is one machine (one train) - and there's one light beam moves and causes by his motion to move the whole solar group (the train) -
So
- Solar Planets motions are NOT several motions - on the contrary - it's only one motion - all solar planets move together in ONE Motion as a train (planets $=$ Train carriages) - but for solar planets not all planets move by the same velocity that doesn't disprove the theory - the motion is one but the gears (Planets) move with different velocities

This paper tries to prove this fact
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Is the 2737 Phenomenon a real one? (II) http://vixra.org/abs/1908.0583

## The Assumption Of S. Virgin Mary. <br> Written in Cairo - Egypt <br> $29^{\text {th }}$ August 2019 (S. George)

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## 1-Introduction

Planet motion depends on light motion...
How to understand this hypothesis?! Let's explain it through examples

## Example No. (1)

86400 seconds $\quad x 0.3 \mathrm{mkm} / \mathrm{sec}$ (light known velocity) $\quad=25920 \mathrm{mkm}$
1461 days $\quad x 17.75 \mathrm{mkm}($ Planets Velocities Daily Total) $=25920 \mathrm{mkm}$
Where
1461 days $=$ Earth Cycle 4 years $=365+365+365+366$
"We know that 25920 years $=$ Precession Cycle"
The distance is the same 25920 mkm - this distance is passed by light ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) during one solar day
But
All solar planets motions together during 1461 days $=25920 \mathrm{mkm}$ also
That means - the distance which is passed by light - passed also by all solar planets motions together...
This is my idea which I discuss in this paper
The light moves firstly and provide energy by his motion - the planet follows the light motion by receiving the energy found by light motion - but because the light velocity is different from plant velocity that necessitates the planet to move following the light motion with different rate of time
Not only the velocities are different - but also the rates of time are different - so the second period at light motion does NOT equal the second period of Planet motion
What's the common between light and planet motions? The distance
(In our example the distance 25920 mkm is the common between both)
The geometrical mechanism is obscure because we can't define the time effect on solar system geometry- But does mean "Time Effect On Solar System Geometry"

Let's review Earth Moon Orbit in following:
Earth moves daily a distance $=2.58 \mathrm{mkm}=$ moon motion daily (otherwise they will be separated from each other)
But the moon orbital circumference at apogee point $=2.58 \mathrm{mkm}$ (Apogee point is the most far point from Earth to which the moon can reach, $\mathrm{r}=0.406 \mathrm{mkm}$ )
Why the moon orbital circumference $=$ Earth motion daily $=$ Moon motion daily?
This question I have tried to solve frequently and not a sufficient answer I reach Any way - the moon orbital circumference $=2.58 \mathrm{mkm}$ Because Earth motion daily $=\mathbf{2 . 5 8} \mathbf{~ m k m}=\mathbf{m o o n}$ motion daily
The moon orbital circumference is created depending on Earth (or moon) daily motion -i.e. the moon orbital circumference is created using the day as a unit of time This is one the solar system basic secret - How the time defines the solar system dimensions? Let's use another example to extend our discussion

## Example No. (2)

(A)
327.6 days (moon sidereal year) x 17.75 mkm (planets velocities daily total) $=5815 \mathrm{mkm}$ (B)
$1.16 \mathrm{mkm} / \mathrm{sec} \times 5040 \mathrm{~seconds}=5846.5 \mathrm{mkm}$ (Mercury Pluto Distance - no error)
(Note Please - $5846.5 \mathrm{mkm}=$ Mercury Pluto Distance accurately - but the value 5815 mkm has error $=0.5 \%$ - of course this error can't destroy the theory - but I don't think this difference is found by any measurement errors - NO- this difference is found for a geometrical reason we should discover once)

## Discussion

The previous Example provides a rich discussion - so let's move step by step (1)

We know the value 5040 seconds is required for Mercury Day to be $=176$ solar days Also .... I suppose there's a light beam with velocity $1.16 \mathrm{mkm} / \mathrm{sec}$

Why the light ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) uses this period 5040 seconds?!
Any way the light uses this period and travels a distance $=5846.5 \mathrm{mkm}=$ Mercury Pluto Distance
This information - alone - is near to a miracle - because it shows that there's some deep relationship between Mercury and Pluto - also it shows that Mercury uses the light ( 1.16 mkm ) which is found with Pluto because Jupiter energy is sent to Pluto in light beam with supposed velocity $1.16 \mathrm{mkm} / \mathrm{sec} .$.
(2)
327.6 days $=$ Earth Moon Sidereal Year ....Why this is important here?

During 327.6 days all solar planets together move a distance $=5815 \mathrm{mkm}$ (very near to $5846.5 \mathrm{mkm}=$ Mercury Pluto Distance)
We have 2 questions ( $1^{\text {st }}$ ) Why Planets velocities total is related to Mercury Pluto Distance? $\left(2^{\text {nd }}\right)$ Why the moon sidereal year is a player in this equation?
These questions we will discuss in sub-point no 3-1-
But here we need to see more deeply under the direct data
327.6 days x $2=655.2$ days (if time and distance values are equivalent so 655.2 days will $=655.2 \mathrm{mkm}$ where $655 \mathrm{mkm}=$ Jupiter Saturn Distance)
That means - the value 327.6 days is related to Jupiter Saturn Distance basically and not only the moon sidereal year
Because of that - we need to analysis Jupiter Saturn Distance ( 655 mkm ) - because this distance shows light \& planet motion which will add more proves for this paper claim
Now let's start to answer the previous 2 questions in following Concept
Which I have called "Pluto Motion Concept"

## 2- Methodology

Research Methodology is discussed in previous paper
Is the 2737 Phenomenon a real one? (II) http://vixra.org/abs/1908.0583
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## 3- Jupiter Saturn Distance Analysis (Part I)

## 3-1 Pluto Motion Concept

3-2 Jupiter effect on outer planets orbital and internal distances
3-3 Jupiter Saturn Circumference
3-4 Pluto and moon similarity

## 3-1 Pluto Motion Concept

## 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....etc Now this group of gears are working continuously ... we will see only planets move in their cycles but these planets cycles create the solar day time parts
Far from this theory details ... how to prove it?
(1)
- Pluto Motion for 1 solar day $=406000 \mathrm{~km}=$ Solar Planets Diameters Total
(2)
- Light supposed velocity for 1 second $=1.16 \mathrm{mkm}$ and light know velocity for 1
second $=0.3 \mathrm{mkm}-$ total of bothe velocities $=1.46 \mathrm{mkm}$ Per Second
But
- The value $1.46 \mathrm{mkm}=\pi \mathrm{x} 0.4665 \mathrm{mkm}$ (Neptune Daily Velocity)
i.e.
- Light beam motion for 1 second ( 2 light velocities together) create Neptune Motion for 1 solar day
(2)

Also Pluto motion for 1 solar is produced by light motion ( 1.16 mkm ) for 1 second If this idea is correct so

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

The Rate (A) should control SOLAR PLANETS DATA
As the next table (table no. 1 ) proves that
Now we have 2 proves supports the idea that Planet Motion depends on light motion (Planet motion for 1 solar day is found based on light motion for 1 second)
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## Conclusion

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

Energy is transported through the solar system which creates the planet matter and orbital distance
(2)

This energy is energy of light supposed velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ travels for 1 second (3)

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

## (II)

Now
We have discovered 2 basic concepts in solar system geometry - which are
(1) Solar Planets Data Is Controlled By One Equation ( $\mathbf{F}(\mathbf{z})=\mathbf{2 x}+\mathbf{1} \mathbf{y}$ )
(2) Light ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) motion for 1 second causes planet to move for 1 solar day

These are the 2 concepts which we have discovered in the solar system and we wish that these 2 concepts have no contradiction between each other
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

### 0.406 mkm = Pluto Motion Daily (which we know perfectly) <br> 0.377 mkm = Saturn Circumference <br> Where

(A)

2 Jupiter Diameters +1 Saturn Diameter $=$ solar planets diameters total
(B)

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

Saturn Diameter - Jupiter Radius = Neptune Diameter x 0.99
(No Error)
This data we have discussed frequently - Basically - we know that the solar planets diameters are created depending on Jupiter \& Saturn relationship - for that reason light velocity equation $1.16 \mathbf{m k m}=\mathbf{0 . 4 0 6} \mathbf{m k m}+2 \times(0.377 \mathrm{mkm})$ tells us that it's a basic equation in solar system geometry - and tells both concepts are unified.
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## 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
As we have discussed

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

The rate (A) controls solar planets basic data - the following table supports that

| Table No. 1 | The Rate $=\mathbf{A}=2.857=(\mathbf{1 . 1 6 / 0 . 4 0 6})$ |  |  |
| :---: | :---: | :---: | :---: |
|  | The Rate between 2 Values | $=\mathrm{A}$ | Error |
| ( $(1.16 \mathrm{mkm} /$ | (0.3mkm/sec))/ $(0.3 \mathrm{mkm} / \mathrm{sec})=$ | = A |  |
| Solar Planet | Total / 0.5 Jupiter Mass= | = A | 1\% |
| Planets Dian | Total $366550 \mathrm{~km} /$ Jupiter Diameter $142984 \mathrm{~km}=$ | = A |  |
| Jupiter Diam | 2984 km / Neptune Diameter $49528 \mathrm{~km}=$ | = A |  |
| Mars Diame | $2 \mathrm{~km} /$ Pluto Diameter 2390 km= | = A |  |
| 25920 mkm | mkm (Saturn orbital circumference)= | = A |  |
| 655 mkm (J | aturn distance) $/ 227.9 \mathrm{mkm}($ Mars orbital distance $)=$ | = A |  |
| 5906 mkm (P | bital distance) /2088 mkm (Jupiter Uranus Distance)= | = A | 1\% |
| Saturn diam | $0536 \mathrm{~km} / 43000 \mathrm{~km}$ (moon motion freedom) | = A |  |
| Outer Planet | 1 Tilts Total 278.4 deg / Uranus axial tilt 97.8 deg | = A |  |
| 41 deg (plan | i. inclinations total) $\times 2 /$ Neptune axial tilt 28.3 deg | = A | 1.4\% |
| 511.1 deg (p | axial tilts total) / 180 deg | =A | 0.6\% |
| Neptune ax inclinations | vertically 118.3 degrees /41deg (planets orbi | = A | 1\% |
| Neptune Ax | 28.3 degrees $/ \pi^{2}$ | = A |  |
| Earth Moon | nclination $5.1 \mathrm{deg} / 1.8 \mathrm{deg}$ Neptune orbi. Inclination | = A | 0.7\% |
| $\text { ( } 7 \mathrm{deg}=\text { Mer }$ | i. Inclination) ${ }^{2} /($ 17.2deg Pluto orbi. Inclination) | = A |  |
| 177.4 deg (V | 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
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## 3-2 Jupiter effect on outer planets orbital and internal distances I-Data

(1)
$655 \mathrm{mkm} \times \pi=2058.2 \mathrm{mkm}$ (Jupiter Uranus Distance 2088 mkm - error 1.4\%)
(2)
1433.5 days x $1.1318 \mathrm{mkm} / \mathrm{sec}($ Jupiter Velocity Daily) $=1622.7 \mathrm{mkm}$
(3)
4495.1 days x $1.1318 \mathrm{mkm} / \mathrm{sec}$ (Jupiter Velocity Daily) $=5092 \mathrm{mkm}$ (Jupiter Pluto Distance)

## II-Discussion

What the previous data tell us?
Equation no. (1)
$655 \mathrm{mkm} \times \pi=2058.2 \mathrm{mkm}$ (Jupiter Uranus Distance 2088 mkm - error 1.4\%)
Based on Jupiter Saturn Distance the distance between Jupiter and Uranus is created - means Uranus position is defined based on Jupiter Saturn Distance - and more Important - Jupiter Uranus Distance is defined relative to Jupiter Saturn Distance Equation no. (2)

## 1433.5 days $\times 1.1318 \mathbf{m k m} / \mathbf{s e c}($ Jupiter Velocity Daily) $=\mathbf{1 6 2 2 . 7} \mathbf{~ m k m}$

Based on Saturn orbital distance ( 1433.5 mkm ) which is seen from Jupiter as time period (1433.5 days) - Uranus Neptune Distance is created
i.e. Neptune position is defined based on Saturn \& Jupiter distance (interaction) Equation no. (3)
4495.1 days $x 1.1318$ mkm/sec (Jupiter Velocity Daily) $=5092$ mkm (Jupiter Pluto Distance)
Based on Neptune orbital distance 4495.1 mkm which is seen from Jupiter as a time period ( 4495.1 days) - the distance between Jupiter and Pluto is created...

What does that mean?
Uranus, Neptune and Pluto Positions are defined based on Jupiter \& Saturn Distance
Why this data is useful?
(1) I try to show that solar planets distances are not independent distances from each other - they are created based on each other - that's an important proof because energy transportation process is done using the distances equality and relationships
(2) Distances refer to both motions (Planet \& light motions) which prove the claim that the planet motion depends on light motion.
(3) Important (Jupiter Uranus Distance is defined based on Jupiter Saturn Distance)

## 3-3 Jupiter Saturn Circumference I-Data

(1)
$655 \mathrm{mkm} \mathrm{x} \pi=2058.2 \mathrm{mkm}$ (Jupiter Uranus Distance 2088 mkm - error 1.4\%) (1-1)

$$
\begin{equation*}
\frac{2088 \mathrm{mkm} \text { (Jupiter Uranus Distance) }}{2058.2 \mathrm{mkm}}=\frac{365.25}{360} \tag{1-2}
\end{equation*}
$$

3600 seconds x $1.16 \mathrm{mkm} / \mathrm{sec}=2 \times 2088 \mathrm{mkm}$ (Jupiter Uranus Distance)

2088 seconds x $0.3 \mathrm{mkm} / \mathrm{sec}=626.4 \mathrm{mkm}$ (Earth Jupiter Distance)

## II-Discussion

What the previous equations tell us??
$655 \mathrm{mkm}=$ Jupiter Saturn Distance .....its circumference $=2058.2 \mathrm{mkm}$
This value 2058.2 mkm should be equal 2088 mkm (Jupiter Uranus Distance)
But we have an error $=1.4 \%$ Why?
Because the solar group is one machine and the geometrical building needs to create 2 groups of gears to produce the rate (365.25/360) Why? Because it needs to perform Earth Motion consistency in time and in degrees $\qquad$
What does that mean??
Simply 2058.2 mkm is $=2088 \mathrm{mkm}$ (no any error here) - but why the difference is found? Because we need 2 gears to create the rate $(365.25 / 360)$ to enable Earth to move
May later the geometrical mechanism will be more clear any way -
what we need now is to accept that the value $\mathbf{2 0 8 8} \mathbf{~ m k m}$ is equal $\pi \times 655 \mathrm{mkm}$ that makes both distances are connected and related to each other...

This distance is passed 2 times one by planet and one by light beam which prove this paper claim - let's see the data in following...
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## 3-4 Pluto and moon similarity <br> I-Data

## Group No. (I)

(a)
7511.4 km (Pluto Circumference) $\times 86400$ seconds $=0.99 \underline{\mathbf{x} 65 \mathbf{m k m}}$
(b)

10921 km (Moon Circumference) x 86400 seconds (Solar Day) $=940 \mathrm{mkm}$ (Earth orbital circumference)
(c)
1622.7 days x $0.406 \mathrm{mkm} /$ day (Earth velocity daily) $=\mathbf{6 5 9} \mathbf{~ m k m}$

Group No. (II)
(d)
7511.4 km (Pluto Circumference) $\times 153.5=0.99 \times 1.16 \mathrm{mkm}$
(e)

10921 km (Moon Circumference) $\times 27.3=300000$ km
(Equations d and e show a similarly in Pluto and moon behaviors)

## II-Discussion

Even if the complete geometrical mechanism is unclear - that will not prevent us to reach the correct conclusion...
So
Pluto moves the distance 655 mkm - this fact is proved by 2 equations -
Equation (a)
7511.4 km (Pluto Circumference) $\times 86400$ seconds $=0.99 \mathbf{x} 655 \mathrm{mkm}$

Which tells us that - If any planet moves from Jupiter to Saturn in one day - so Pluto
Circumference will be a distance of 1 second period of this motion
This is the same idea we have from moon equation
Equation (b)
10921 km (Moon Circumference) x 86400 seconds (Solar Day) $=940 \mathrm{mkm}$ (Earth orbital circumference)
It tells us - If earth revolves around the sun one complete revolution in one day only - so the moon circumference will be equal a distance of 1 second period of Earth Motion
Equation (c)
1622.7 days x $0.406 \mathrm{mkm} /$ day (Earth velocity daily) $=\mathbf{6 5 9} \mathbf{~ m k m}$

Pluto moves during 1622.7 days a distance $=659 \mathrm{mkm}$ (very near to $655 \mathrm{mkm}=$ Jupiter Saturn distance) -
1622.7 days - we know that $1622.7 \mathrm{mkm}=$ Uranus Neptune Distance but Pluto here sees this value as a time period (=1622.7 days) -
We have seen that the distance 1622.7 mkm is produced by Jupiter motion for a period 1433.5 days (where Saturn orbital distance $=1433.5 \mathrm{mkm}$ )-

I try to show that - a great part of the solar system geometry is absent from us basically because there are used rules which we don't know and even can't expect -
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now the solar system geometrical structure is created based on these rules and we discovered them gradually through our data analysis - to void these rules and claim that all data is created by pure coincidences will never help us to see how this machine works -
Shortly.....What we try to do here....?
I try to prove that Pluto moves 655 mkm - regardless all geometrical rules which enable Pluto to do this motion - Pluto at end does this motion

## Conclusions

(1)

Pluto moves 655 mkm
(2)
$655 \mathrm{mkm} \mathrm{x} \pi=2058.2 \mathrm{mkm}$ where 2058.2 mkm is equivalent to 2088 mkm
Ok - say we accept these conclusions regardless their credibility- what a big deal behind?!

It's long story... let's summarize it in following

## Deep Discussion

Solar Group Main Equation
$90000 \mathrm{mkm}=86400 \mathrm{mkm}+3600 \mathrm{mkm}$
We have discussed it frequently before
Now 86400 mkm is energy sent by Jupiter and reflected by Neptune toward inner planets
The value 3600 mkm is additional energy is found by delaying the rate of time
The value 3600 mkm is so important to complete the equation where the resulted value 90000 mkm can't be produced without it
(I summarized the idea - and for details please review the previous papers )
Now let's ask
How does this value 3600 mkm work?

## 3600 seconds $\times 1.16 \mathbf{m k m} / \mathrm{sec}=2088 \mathbf{m k m ~ x} 2$

Light with supposed velocity 1.16 mkm passed the distances $2088 \mathrm{mkm} \times 2$ during this period 3600 seconds
Why $2 \times 2088 \mathrm{mkm}$ ? Because Jupiter Uranus distance is doubled during the full revolution ( 360 degrees) - that means the value 3600 seconds express the full revolution.
So the distance 2088 mkm is passed by light beam ( $1.16 \mathrm{mkm} / \mathrm{sec}$ )
But
Equations no. (a) and (c ) tells that Pluto moves the distance 655 mkm ( $2058.2 \mathrm{mkm}=$ $655 \mathrm{mkm} \times \pi$ ) - that means - Pluto notion follows the light motion
We have one more proof
Because light with supposed velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ is sent from Jupiter to Pluto - that's why Pluto follows this light beams ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) and not the known one ( $0.3 \mathrm{mkm} / \mathrm{sec}$ )
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## 4- Jupiter Saturn Distance Analysis (Part II)

4-1 Point with Orbital Distance $=1106 \mathrm{mkm}$
4-2 More data about Jupiter Saturn Distance
4-3 A Main Idea Summary

## 4-1 Point with Orbital Distance $=1106 \mathbf{m k m}$

I-Data


This figure tries to define a point position is the space
Point $(\mathrm{P})$ is a point at distance 1106 mkm from the sun - so where this point if found?

- Point P is divided Jupiter Saturn Distance into 2 equal parts each $=327.6 \mathrm{mkm}$


## More Data

Equation no (A)
$1106 \mathrm{mkm}=3.02 \mathrm{mkm} /$ day (Venus Velocity Daily) x 365.25 days (Earth Orbital Period)
Equation no (B)
$1106 \mathrm{mkm}=2.41 \mathrm{mkm} /$ day (Moon Daily Velocity) x $227.9 \times 2$
Equation no (C)
1106 days $=176$ days (Mercury Day period $=175.94$ solar days) $\times 2 \pi$

## II-Discussion

The Previous data tries to show how this distance is so important in solar system geometry - It's a central point - based on the previous data only

## But

From Point P to Jupiter or Saturn the distance $=327.6 \mathrm{mkm}$ which we see as 327.6
days (Earth Moon Sidereal Year) - Solar Planets motions total pass a distance $=5815$ mkm = Mercy Pluto Distance - as we have discussed before
Let's summarize the idea in following
Planets Orbital and internal distances are found by light and planets motions - the distances are the common between both motions -
But of course we need a map for the geometrical mechanism which explains how the distances are created and shows the motion trajectories of light and the followers planets.
Let's discus these Equations

## Equation no (A)

1106 mkm = 3.02 mkm /day (Venus Velocity Daily) x 365.25 days (Earth Orbital Period)
Venus during 365.25 days (Earth orbital period) moves a distance $=1106 \mathrm{mkm}$
Equation no (B)
$1106 \mathrm{mkm}=2.41 \mathrm{mkm} /$ day (Moon Daily Velocity) x $227.9 \times 2$
We know the moon moves daily a distance $=2.58 \mathrm{mkm}=$ Earth motion daily - but because of the relativistic effects which we have discussed before

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This value 2.58 mkm is seen as 2.41 mkm (moon daily velocity)
$227.9 \mathrm{mkm}=$ Mars orbital distance
The moon sees this value as time period - so during 227.9 days x 2 the moon moves 1106 mkm (based on relativistic effects)
Why 227.9 days x 2 ??
Because in for full revolution is used Mars orbital diameter (and not orbital distance) which $=227.9 \mathrm{mkm} \mathrm{x} 2$

## Equation no (C)

1106 days $=176$ days (Mercury Day period $=175.94$ solar days) $\times 2 \pi$
Mercury doesn't see 1106 mkm at all - but he sees only 1106 days (spite this value is produced as $(2 \pi \times 175.94=1106)$ Where $2 \pi$ - is used with distances...
Any way - we may conclude that's usual situation
Where
58.66 days (Mercury rotation period) x 4.095 mkm daily (Mercury Velocity Daily) $=243 \mathrm{mkm}$
But
Venus rotation period $=243$ days -
We have discussed that before and concluded that Venus rotation period depends on Mercury motion

## 4-2 More data about Jupiter Saturn Distance ( 655 mkm ) <br> I-Data

## Group No. 1

$655 \mathrm{mkm}=4.37 \mathrm{mkm}$ (Sun circumference) $\times 149.6 \mathrm{mkm}$ (Earth Orbital Distance) $=0.4665 \mathrm{mkm}$ (Neptune Velocity Daily) x1407 days
$=0.838 \mathrm{mkm}$ (Saturn Velocity Daily) x 778.6 days $=05875 \mathrm{mkm}$ (Uranus Velocity Daily) x 1120 $\left(1120=113.45 \times \pi^{2}\right)$

## Group No. 2

$670 \mathrm{mkm}=1433.5$ days $\quad \mathrm{x} 0.4665 \mathrm{mkm} \quad$ (Neptune Velocity Daily)
$655 \mathrm{mkm}=1622.7$ days $\quad \mathrm{x} 0.406 \mathrm{mkm} \quad$ (Pluto Velocity Daily)

## II-Discussion

## Group No. 1 Discussion

$655 \mathrm{mkm}=0.838 \mathrm{mkm}$ (Saturn Velocity Daily) x 778.6 days
What does this equation tell us?
Saturn during a period $=778.6$ days moves a distance $=655 \mathrm{mkm}$
But we know that $778.6 \mathrm{mkm}=$ Jupiter orbital distance
Means - Saturn sees Jupiter orbital distance as a period of time and uses it to define the distance 655 mkm -
I wish we remember the equation (a )

## Equation (a)

7511.4 km (Pluto Circumference) $\times 86400$ seconds $=0.99 \mathbf{x} 65 \mathbf{m k m}$

It tells if a planet moves from Jupiter to Saturn in one day only - Pluto circumference will be $=$ a distance of 1 second of this motion
Now we know what planet moves this distance 655 mkm - Saturn moves this distance during 778.6 days - now the next argument will be how the 778.6 days (relative to Saturn) will be $=1$ day only relative to Pluto Circumference..

The difficulties are created by the geometrical mechanism based on which the solar system is created - nothing is independent here - any single data is created based on others - but how ?? the answer is at the geometrical mechanism hand which needs more deep discussion.
$655 \mathrm{mkm}=0.4665 \mathrm{mkm}$ (Neptune Velocity Daily) x 1407.6 days
This equation secret is found with the value 1407 days - because Mercury Rotation period $=1407.6$ hours -
That means - If this period of hours - can be used as days- so during this period 1407.6 days Neptune will move 655 mkm

What a big deal here? The hour period is transformed into day period! How?!
Because
Solar system is a machine uses energy of 1 second period of light motion to produce a planet motion for 1 solar day - that means - we have a group of gears here -a gear (plant motion) transforms the 1 second into 1 minute- another gear (planet motion) transforms 1 minute into 1 hour .....etc
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This idea we have faced before
7511.4 km (Pluto circumference) $\times 153.3=1.16 \mathrm{mkm} \times 0.99$

This equation tells - If Pluto rotates around his axis once daily -so he will pass a distance $=1.16 \mathrm{mkm} x 0.99$ during the period 153.3 days - but we know that Pluto Day $=153.3$ hours...here the hour period is used as a day period (for second time) which supports the same meaning

## $655 \mathrm{mkm}=0.5875 \mathrm{mkm} \quad$ (Uranus Velocity Daily) $\mathbf{x} 1120$

$\left(1120=113.45 \times \pi^{2}\right)$
Uranus during 1120 days move a distance $=655 \mathrm{mkm}$
What's important in this equation?
$1120=113.45 \times \pi^{2}$ where 113.45 degrees $=90$ degrees +23.45 degrees means 113.45 degrees $=$ Earth Axial Tilt at vertical level

So that tells the distance 655 mkm causes some relationship between Earth and Uranus....
But
30589 days $($ Uranus Orbital period $)=27.3$ days $($ Moon Orbital period $) \times 1120$
That tells Earth Uranus Relationship is effective strongly on Jupiter Saturn relationship which needs a separate paper to discuss

In all cases - the secret is in the relationship between Pluto on one side and Earth with her moon on the other side...

## Note Please

Pluto Data uses frequently
Equation (I)
17.2 degrees $($ Pluto orbital inclination) $=0.99 \times 17.4$ degrees $($ inner planets orbital inclinations total)
Equation (II)
7511.4 km (Pluto circumference) $\times 153.3=0.99 \times 1.16 \mathrm{mkm}$

Equation (III)
7511.4 km (Pluto Circumference) $\times 86400$ seconds $=0.99 \underline{\mathbf{x} 65 \mathrm{mkm}}$

This remark needs to explain why Pluto uses 0.99 frequently in data - which needs a separated discussion
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Group No. 2 Discussion $670 \mathrm{mkm}=1433.5$ days $\quad \mathbf{0 . 4 6 6 5} \mathrm{mkm} \quad$ (Neptune Velocity Daily) $655 \mathrm{mkm}=1622.7$ days $\times 0.406 \mathrm{mkm} \quad$ (Pluto Velocity Daily)

We mat remember
1433.5 days x $1.1318 \mathrm{mkm} /$ day (Jupiter velocity Daily) $=1622.7 \mathrm{mkm}$

That may explain how Pluto and Neptune work in close relationship - let's remember the light motion behind them

## Solar System Main Features

- Solar system and planets are created based on energy of light motion for 1 second
- Energy of Light motion for 1 second causes planet to move for 1 solar day
- Energy of Planet motion for 1 solar day creates the solar planets and their distances i.e.
- We have a group of gears work here.... Light motion for 1 second whose energy creates planet motion for 1 solar day
How that can be possible...?
- Through the motions gears- for example planet motion uses energy of light motion for 1 second to produce planet motion for 1 minute - then another planet uses the energy of 1 minute to creates a planet motion for 1 hour- and third planet uses the energy of one hour motion to create a planet motion for one solar day....! Now this group of gears are working continuously ... we will see only planets move in their cycles but these planets cycles create the solar day time parts
Far from this theory details ... how to prove it?
(1)
- Pluto Motion for 1 solar day $=406000 \mathrm{~km}=$ solar planets diameters total
(2)
- Light supposed velocity for 1 second $=1.16 \mathrm{mkm}+$ light know velocity for 1 second $=0.3 \mathrm{mkm}-$ the 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

It's truth that - the solar system is created based on energy of 1 second motion of light beam - from Energy Transportation process Discussion (in previous paper) we concluded
(1)Energy is transported through the solar system which creates the planet matter and orbital distance
(2)This energy is energy of light supposed velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ travels for 1 second
(3) Planet motion for 1 day depends on light motion for 1 second

## 4-3 A Main Idea Summary <br> I-Data

(1)

655 mkm (Jupiter Saturn Distance) x $\pi=2058.2 \mathrm{mkm}$ (Jupiter Uranus Distance)
(2)

655 mkm (Jupiter Saturn Distance) is related to 670 mkm (Venus Jupiter Distance)
(3)
$670 \mathrm{mkm}=1.0725 \times 627 \mathrm{mkm}$ (Earth Jupiter distance) and $627 \mathrm{mkm}=1.0725 \times 580 \mathrm{mkm}$
(4)

500 seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}=580 \mathrm{mkm}$
(5)

500 seconds $\times 0.3 \mathrm{mkm}=149.6 \mathrm{mkm}$ (Earth Orbital distance)

## II-Discussion

Let's summarize the main idea in following:

- I want to prove that - Pluto \& Earth Motions both are one motion and depend on light motion - now if Earth and Pluto motions are considered one motion that may prove the solar group motions should be considered as one motion only - and this one motion is done based on light motion - which is this paper hypothesis


## How to prove that?

- Light travels the distance 2088 mkm ( $1.16 \mathrm{mkm} \times 3600$ seconds $=2 \times 2088 \mathrm{mkm}$ ) which because of the gears effect we see as 2058.6 mkm (to perform the rate $365.25 / 360$ ) - and we know that $2058.2 \mathrm{mkm}=655 \mathrm{mkm} \times \pi$
- Means 655 mkm (Jupiter Saturn Distance) is equivalent to the distance 2088 mkm

Now we have 2 motions

- $\quad 7511.4$ km (Pluto Circumference) $\times 86400$ seconds $=655 \mathrm{mkm} \times 0.99$
- 0.406 mkm (Pluto velocity daily) $\times 1622.7$ days $=655 \mathrm{mkm}$

This equation tells - if a planet moves 655 mkm in one day - Pluto circumference will be a distance of 1 second of its motion

- 6939.75 seconds x $0.3 \mathrm{mkm} / \mathrm{sec}=2088 \mathrm{mkm}$ (means the distance 2088 mkm is passed by light with known velocity in 6939.75 seconds which is seen as 6939.75 days on the moon motion) (note 2088 seconds x $0.3 \mathrm{mkm}=627 \mathrm{mkm}$ Earth Jupiter distance)
- I try to show that Pluto Motion on one side and Earth with her moon motions on the other side all thee motions are one motion only
Let's move further
- Now Pluto moves 655 mkm and the light travels through 2088 mkm where both distances depending on each other
How this motion can be transported into Earth Motion?
- $\quad(655 \mathrm{mkm} / 670 \mathrm{mkm})=(119.7 \mathrm{mkm} / 122.5 \mathrm{mkm})=(115.8 \mathrm{mkm} / 118.4 \mathrm{mkm})-$ this equation explanation will tell that the rate $655 / 670$ is found to enable the soalr group machine to work (regardless any details)
So
- 655 mkm is related to 670 mkm
- $670 \mathrm{mkm}=1.0725 \times 627 \mathrm{mkm}$ (Earth Jupiter Distance) and $627 \mathrm{mkm}=1.0725 \times 580$ mkm
- $580 \mathrm{mkm}=1.16 \mathrm{mkm} \times 500$ seconds
- 500 seconds x $0.3 \mathrm{mkm} / \mathrm{sec}$ (light known velocity) $=149.6$ Earth orbital distance

How to understand that?

- The energy is transported in distances form from Pluto motion ( 655 mkm ) to 670 mkm by gears - and then from 670 mkm to 627 mkm by lorentz length contraction effect and from 627 mkm to 580 mkm again by length contraction effect - where the distance 580 mkm by light velocity produces 500 seconds - based on which Earth Orbital Distance ( 149.6 mkm ) is created
- This Energy Transportation process depend on the period 500 seconds - which connects between Pluto motion on one side and Earth with her moon motions on the other side -
- That means the whole thread is one Trajectory of Energy - i.e. all these motions are only one motion
To make this discussion more clear let's remember this value 500 second in following:


## Why There's A Relationship Between Pluto And Earth?

This question we know its answer
There's a light beam with velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ is sent from Pluto to Earth transporting the energy...we have discussed that also.... But
(1) What Energy the light beam transports to Earth
(2) What does prove this transportation process?

Let's summarize the story in following:

## Main Idea

- To produce the sun rays we need the factor $c^{2}$ which $=90000 \mathrm{mkm}$ as we have discussed before
- The energy is sent from Jupiter to Pluto and reflected by Neptune in 2 trajectories of energy (each trajectory has 86400 mkm )
- We agreed that - by some delaying process the energy is accumulated to produce the value 90000 mkm - but with what mechanism?
Now we'll explain the mechanism ... The Required Energy $=\mathbf{9 0 0 0 0} \mathbf{~ M k m}$
- The available energy $=86400 \mathrm{mkm}-$ which is reflected from Neptune to the inner planets
i.e.
- The inner planets energy are reflected energies (not original) but reflected and now we need to add the original energy to the reflected one to produce the sun rays
- Mercury Orbital Circumference 360 mkm + Venus Orbital Circumference 680 mkm + Earth Orbital Circumference 940 mkm+ Mars Orbital Circumference $1433.5 \mathrm{mkm}=3413.5 \mathrm{mkm}$
- During 1433.5 days Pluto moves (Velocity daily 0.406 mkm ) a distance $=582 \mathrm{mkm}=\boldsymbol{\pi} 187 \mathrm{mkm}$
- We have $3413.5 \mathrm{mkm}+$ (Pluto Contribution) $187 \mathrm{mkm}=3600 \mathrm{mkm}$

Total
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## $86400 \mathrm{mkm}+3600 \mathrm{mkm}=90000 \mathrm{mkm}=\mathrm{c}^{\mathbf{2}}$

(why $90000 \mathrm{mkm}=\mathrm{c}^{2}$ because solar group motion depends on 1 second of light motion ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ))
So, Pluto Contribution added 187 mkm which is necessary to produce the sun rays! Why? Because the sun rays are produced based on quantum measurements and the energy will not transfer into light beams unless this value 187 mkm is added otherwise the energy will still stored in distance form (where Space = Energy)
We have 2 questions here $\left(1^{\text {st }}\right)$ what does prove Pluto contribution? $\left(2^{\text {nd }}\right)$ why Pluto contribution depends on the value 1433.5 days (where Saturn orbital distance $=1433.5 \mathrm{mkm}$ )?

## Basic Analysis

- Sun Diameter 1392000 km $=582 \times$ Pluto Diameter 2390 km
- $149.6 \mathrm{mkm}=500$ seconds $\times 0.3 \mathrm{mkm} / \mathrm{sec}$ (that means - light with known velocity $0.3 \mathrm{mkm} / \mathrm{sec}$ needs 500 seconds to reach Earth from the sun)
- $580 \mathrm{mkm}=500$ seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}$ (that means - light with velocity 1.16 $\mathrm{mkm} / \mathrm{sec}$ travels 582 mkm during the same 500 seconds) - that means we have here 2 light velocities work based on the same period of time - that's the basic reason which explains why Pluto data is similar to Earth data - because the data of both of them are created by light beams based on the same time period..

This story is so complex - we may refer to it shortly as possible

- $582 \mathrm{mkm}=590 \mathrm{mkm} \times 0.99$
- $590 \mathrm{mkm}=4.37 \mathrm{mkm}$ (The Sun Circumference) $\times 135.5 \mathrm{mkm}$ (this distance we have discussed before) - this equation tells that the value 590 mkm is so effective in the sun creation based on the distance 135.5 mkm - which we have discussed in the previous paper
Please review
Matter Creation Principle (Part IV) http://vixra.org/abs/1908.0289
But we know that- the sun creation depends on the distance 627 mkm (Earth Jupiter Distance) .....So
- $582 \mathrm{mkmx} 1.0725=627 \mathrm{mkm}$ (we know that the rate 1.0725 is lorentz length contraction rate) -


## Please review

A Summary Of My Research -Part 3- (Relativistic Effects Discussion)
http://vixra.org/abs/1907.0523
For Distance 627 mkm - please review
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https://www.academia.edu/40009799/Solar_System_Geometry_Summarized_Discus sion_-_Part_3
(Please remember 5040 minutes (supposition) x $0.99=4989.6$ minutes $4989.6 \mathrm{~m} \times 60=299376$ seconds - light with known velocity $0.3 \mathrm{mkm} / \mathrm{sec}$ passes a distance $=89812.8 \mathrm{mkm}$ during this period
$89812.8 \mathrm{mkm}=86400 \mathrm{mkm}+3413.5 \mathrm{mkm} \ldots$ where
$90000 \mathrm{mkm}=\mathbf{8 6 4 0 0} \mathbf{m k m}+3600 \mathbf{m k m} \ldots$ that tells $\ldots$ there are other calculations done by light known Velocity ( $0.3 \mathrm{mkm} / \mathrm{sec}$ )

## Where

## Jupiter orbital circumference $4900 \mathrm{mk}=3413 \mathrm{mk}+1433.5 \mathrm{mk}$ (Saturn orbit. Distance) <br> 5040 seconds are required for Mercury Day to be 176 solar days

For more discussion please review
Energy Transportation Through The Solar Group
http://vixra.org/abs/1908.0510
Light Velocity Effect On Solar System Geometry
http://vixra.org/abs/1908.0423
Matter Creation Principle (Part V)
http://vixra.org/abs/1908.0367
Matter Creation Principle (Part II)
http://vixra.org/abs/1908.0206
Matter Creation Principle
http://vixra.org/abs/1908.0196
Solar System Geometry (Summarized Discussion Part 4)
http://vixra.org/abs/1908.0105
Solar System Geometry (Summarized Discussion - Part 2)
http://vixra.org/abs/1908.0037
Solar System Geometry (Summarized Discussion)
http://vixra.org/abs/1908.0016
Earth Moon Orbit Triangle Analysis (Revised)
http://vixra.org/abs/1907.0627
A Summary Of My Research -Part 3- (Relativistic Effects Discussion)
http://vixra.org/abs/1907.0523
A Summary Of My Research
http://vixra.org/abs/1907.0465
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