# My Research Basic Arguments (IV) 

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## Abstract

My Research Basic Arguments (Part IV):
$16{ }^{\text {th }}$ There's A Light Beam Travels With 1.16 Million Km/Sec
This paper tries to prove this fact

## References

My Research Basic Arguments (Part I)
My Research Basic Arguments (Part II)
My Research Basic Arguments (Part III)
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## 1- Introduction

This paper discuss a basic argument which is

## There's A Light Beam Travels With 1.16 Million Km/Sec

## The Argument Main Idea

I claim that, there's a light velocity $=1.16 \mathrm{mkm} / \mathrm{sec}-$
This light is the universe original energy from which the matter is created where the known light beam whose velocity $=0.3 \mathrm{mkm} / \mathrm{sec}$ is created as a side product.
So shortly
The input is the light $1.16 \mathrm{mkm} / \mathrm{sec}$ and the output are (1) the matter (2) light velocity $0.3 \mathrm{mkm} / \mathrm{sec}$.
This is the basic idea to answer how the universe is created
In this paper I want to prove that this light velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ is a fact.

Here we have only one question
Why this light velocity isn't observed by any of our experimental methods?

We have shown that the matter and light known velocity $(0.3 \mathrm{mkm} / \mathrm{sec})$ both are created from this light beam ( $1.16 \mathrm{mkm} / \mathrm{sec}$ )
That explains the Equation $\mathrm{E}=\mathrm{mc}^{2}$ - telling that - the matter and light known velocity are relative to each other
Now we have bodies which should be considered as matters - so our 5 senses - can realize clearly the light known velocity $(0.3 \mathrm{mkm} / \mathrm{sec})$ - But we can't realize the original light beams ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) -
That explains why there's no velocity greater than the known light velocity $(0.3 \mathrm{mkm} / \mathrm{sec})$ in our universe - that because our 5 senses can't realize only the light velocity $0.3 \mathrm{mkm} / \mathrm{sec}$ - no higher velocity can be realized by our senses - so the original light beam $1.16 \mathrm{mkm} / \mathrm{sec}$ can't be discovered by any experimental methods because our senses can't realize this light

Why can we realize the velocity $0.3 \mathrm{mkm} / \mathrm{sec}$ and not any higher? This question can be solved only through analysis of the equation $\mathbf{E}=\mathbf{m c}^{\mathbf{2}}$ we have to know why light velocity (c ) is used in this equation? Just through the complete answer of this question we can answer why we can't realize any other higher velocity of light
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## Argument No. 16

## There's A Light Beam Travels With 1.16 Million Km/Sec

## The Argument Proves

1- Jupiter Energy Analysis proves the velocity $\quad 1.16 \mathrm{mkm} / \mathrm{sec}$
2- Jupiter \& Neptune Relationship proves the velocity $1.16 \mathrm{mkm} / \mathrm{sec}$
3- Mercury \& Pluto Relationship proves the velocity $1.16 \mathrm{mkm} / \mathrm{sec}$
4- The solar system main equation shows the velocity $1.16 \mathrm{mkm} / \mathrm{sec}$
5- Planets Velocities analysis shows the velocity
$1.16 \mathrm{mkm} / \mathrm{sec}$
6- The outer planets shows this value
1.16 mkm

7- Earth Energy Analysis shows this value
1.16 mkm

8- More Equations prove this velocity

- $1461 \mathrm{mkm}=1259.3$ seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}$
- $2 \times 2088 \mathrm{mkm}=3600$ seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}$
- $113.45 \mathrm{mkm}=97.8$ seconds $\quad \mathrm{x} 1.16 \mathrm{mkm} / \mathrm{sec}$
- $582 \quad=\pi \times 187 \quad$ But $3412+187=3600$
- $580 \quad=500$ seconds $\quad x 1.16 \mathrm{mkm} / \mathrm{sec}$
- $580 \mathrm{mkm} \quad=1433.5$ days $\quad \mathrm{x} 0.406 \mathrm{mkm} /$ day


## $1^{\text {st }}$ Proof Jupiter Energy Analysis proves the velocity $1.16 \mathrm{mkm} / \mathrm{sec}$

## The proof main idea

Jupiter orbital circumference analysis shows that -
Jupiter sends energy in light beams form whose velocity 1.16 mkm - and this sending of energy is continuous for 2 solar days ( $86400 \mathrm{mkm} \times 2$ )
So
Jupiter data shows for first time the value $1.16 \mathrm{mkm} / \mathrm{sec}$ - let's see it in following:
(Equation No. A)
(Pluto Orbital Circumference-Jupiter Orbital Circumference) $\mathbf{x} 2 \boldsymbol{\pi} \boldsymbol{2 0 0 4 4 8} \mathbf{~ m k m}$ $1.16 \mathrm{mkm} / \mathrm{sec} \quad \mathrm{x} 2 \mathrm{x} \quad 86400$ seconds$\quad \mathbf{2 0 0 4 4 8 \mathrm { mkm }}$
(Equation No. B)

## $200448 \mathrm{mkm}=$

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

## But

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

## Discussion

How to understand the previous data? First let's suppose that "Distance = Energy" Equation No. A
The difference between 2 orbital circumferences (Pluto \& Jupiter)x $\mathbf{2} \boldsymbol{\pi}=$ The distance passed by light ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) during 2 solar days ( 2 x 86400 seconds)!
Why?
The difference between 2 orbital circumference (Neptune \& Earth) x $\boldsymbol{\pi}=\mathbf{8 6 4 0 0} \mathbf{k m}$
This same result we can reach between Neptune \& Venus -
So we need $2 \times 86400 \mathrm{mkm}$ which is found in the equation No. A
I try to show that
The data is in full consistency - simply - we deal with an energy of light beam reflected from point to another and by that the same energy is seen in different places I see the conclusion is absolute logical
But let's ask - how this energy moves -

## Energy Trajectory summary

It's a light beam (with velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ ) travels from Jupiter to Pluto for 2 solar days produce a distance $=200448 \mathrm{mkm}-$ from this distance Neptune created its orbital circumference consuming $14 \%$ - the rest of energy is divided into 2 equal parts (each $=86400 \mathrm{mkm}$ ) and reflected toward the inner planets.
This is the idea clearly - If It's fact - So there's a light velocity $=\mathbf{1 . 1 6} \mathbf{~ m k m} / \mathbf{s e c}$ Let's try to prove that in following:
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## Data

## Group (I)

## Neptune Orbital Distance $4495.1 \mathrm{mkm}=$

= Earth Venus distance 41.4 x 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 distances multiplication produce Neptune Orbital Distance?
Because
(1) The Distance = Energy
(2) Neptune reflects the energy toward the inner planets - so the reflected energy from Neptune depends on Neptune orbital distance - so these planets maximum distances can be equal (only) their source which is Neptune orbital distance... proving that the energy is reflected from Neptune
I wish we have more confidence in our argument...

## Note Please/

the energy is Jupiter energy originally - and why Just Neptune orbital distance is shown only?!
Not True ......Jupiter is seen here also

## 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) x $2=4900 \mathrm{mkm}$ (Jupiter Orbital Circumference) (error 1\%) i.e. Jupiter orbital circumference $=$ inner planets orbital circumferences total (but using Mars orbital circumference 2 times!)
(Part 2)

## Jupiter Orbital Distance

- Mercury Orbital Distance x 2 = Mercury Jupiter Distance
- Venus Orbital Distance =Venus Jupiter Distance (Error 1.5\%)
- Earth Orbital Distance =Earth Jupiter Distance (Error 1.3\%)
(Note Earth and Jupiter are at 2 sides from the sun i.e. $940 \mathrm{mkm}=778.6 \mathrm{mkm}+149.6 \mathrm{mkm}$ )
(Part 3)

1. $\frac{778.6 \mathrm{mkm} \text { Juppiter Orbital Distance }}{720.3 \mathrm{mkm} \text { Jupiter Mercury distance }}=1.0725$
2. $\frac{720.3 \mathrm{mkm} \text { Jupiter Mercury distance }}{670 \mathrm{mkm} \text { Jupiter Venus Distance }}=1.0725$
(No Error)
3. $\frac{670 \mathrm{mkm} \text { Jupiter Venus Distance }}{629 \mathrm{mkm} \text { Jupiter Earth Distance }}=1.0725$

More Discussion I wish Jupiter Energy Data shows clearly one clear effect moves along the solar system which can't be done except only by light beam motion.
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## $\underline{2^{\text {nd }} \text { Proof } J u p i t e r ~ \& ~ N e p t u n e ~ R e l a t i o n s h i p ~ p r o v e s ~ t h e ~ v e l o c i t y ~} 1.16 \mathrm{mkm} / \mathrm{sec}$ I- Data

01- $1.3=(1.46 \mathrm{mkm} / \mathrm{s}) / 1.318 \mathrm{mkm} /$ day (Jupiter velocity per solar day $\quad(0.7 \%)$
02- $28200 \mathrm{~km}=1.16 \mathrm{mkm} / \mathrm{sec}-1.1318 \mathrm{mkm} /$ day

## II- Discussion

## Equation No. 01

$1.3=(1.46 \mathrm{mkm} / \mathrm{s}) / 1.318 \mathrm{mkm} /$ day (Jupiter velocity per solar day $(0.7 \%)$
$1.46 \mathrm{mkm} / \mathrm{sec}=$ Neptune velocity per solar day $(0.4665 \mathrm{mkm} /$ day $) \times \pi$ $=0.3 \mathrm{mkm} / \mathrm{s}$ (light known velocity) $+1.16 \mathrm{mkm} / \mathrm{s}$ (light supposed velocity)
1.3 degrees $=$ Jupiter Orbital Inclination

So
Jupiter Orbital Inclination is a result of divide the velocities $1.46 \mathrm{mk} / 1.1318 \mathrm{mk}$ (The previous equation can be understood only with the claim - that - Planet motion for 1 solar day depends on light motion for 1 second) - that shows Jupiter data still related to the light velocity $1.16 \mathrm{mkm} / \mathrm{sec}$

## Equation No. 02

$28200 \mathrm{~km}=1.16 \mathrm{mkm} / \mathrm{sec}-1.1318 \mathrm{mkm} /$ day
Again, this equation also can be understood only with the claim that - the planet motion for 1 solar day depends on light motion for 1 second -
So light motion for 1 second $=1.16 \mathrm{mkm}$ and Jupiter motion for 1 day $=1.1318 \mathrm{mkm}$
The difference $=28200 \mathrm{~km}$
If $1000=1$ degree (instead of the rate we know from Mercury data $1 \mathrm{mkm}=1$ degree) So 28200 km will be $=28.2$ degrees $($ where 28.3 degrees $=$ Neptune Axial Tilt)

So, Neptune axial tilt is defined based on the difference velocities between the light velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ and Jupiter velocity 1.1318 mkm per solar day

The argument (Planet motion for 1 solar day depends on light motion for 1 second) will be discussed in the next Part My Research Basic Arguments (V)

## But

How $1000 \mathrm{~km}=1$ degree?! We don't know this rate? Just in Earth moon orbital motion because the moon daily displacement $=88000 \mathrm{~km}$ - this distance is used by Mercury also but in form 88 days - so $1000 \mathrm{~km}=1$ day $=1$ degree
Because the moon orbit regresses yearly 19 degrees and that causes change in eclipse calendar with 19 days

## Note Please

This discussion is so complex than the previous one - but it will be more clear in next part because the discussion is so complex and can't be followed to this subject - we have before to discuss Uranus Position in the Sky because Uranus is perpendicular on the inner planets as we will see in the next part.
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## $3^{3^{\text {rd }} \text { Proof }}$ Mercury \& Pluto Relationship proves the velocity $1.16 \mathbf{~ m k m} / \mathrm{sec}$ I- Data

(1) Mercury day needs 5040 seconds to be 176 solar days
(2) during 5040 seconds the light $(\mathbf{1 . 1 6 m k m} / \mathbf{s e c})$ travels $=5846.4 \mathrm{mkm}$ (Mercury Pluto Distance)
(3) Mercury during the nodal year (346.6 days) moves a distance $=1433.5 \mathrm{mkm}$ and Mercury during 1433.5 days moves a distance $=5846.4 \mathrm{mkm}$ (Mercury Pluto Distance)

## II- Discussion

The previous data tells that - Mercury follows the light motion to Pluto point Mercury simply moves a series starting from 346.6 days (nodal year) and produce the value 1433.5 mkm (Saturn orbital distance) and depending on this result it produces Mercury Pluto distance

## Comment

I try to show that -the velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ is found simply in different data in the solar system
Of course Jupiter Energy is the most clear data - but many other places show clearly the velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ which supports the claim that this velocity is a real geometrical player in the solar system
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## $4^{\text {th }}$ Proof The solar system main equation shows the velocity $1.16 \mathrm{mkm} / \mathrm{sec}$

We know the SS main equation
A Special form of it
Where
$0.406 \mathbf{m k m}=$ Pluto motion per 1 solar day
0.377 mkm = Saturn Circumference

## Data

(1) During 6.2 hours - the light (with supposed energy $1.16 \mathrm{mkm} / \mathrm{sec}$ ) travels a distance $=25920 \mathrm{mkm}$
But
(2) Light known velocity ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) during a solar day ( 86400 s ) a distance $=25920 \mathrm{mkm}$
Also
(3) All solar planets velocities ( 17.75 mkm per solar day) pass together during 1461 days a distance $=25920 \mathrm{mkm}$

## Note Please

Pluto Day =6.2 Mars Days - so if this value 6.2 is used as 6.2 hours - that will perform the data in Point No. (1) -

## Comment

Once again - the previous data can be understood with the claim that "Planet motion for 1 solar day depends on light motion for 1 second period"
This argument which we should discuss in the next part - can solve many of the previous data
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## $5^{\text {th }}$ Proof Planets Velocities analysis shows the velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ I- Data

## Equation No. 1

$\frac{\text { Venus Velocity } 35 \mathrm{~km} / \mathrm{s}}{\text { Earth Velocity } 29.8 \mathrm{~km} / \mathrm{s}}=\frac{\text { Moon Velocity } 27.9 \mathrm{~km} / \mathrm{s}}{\text { Mars Velocity } 24.1 \mathrm{~km} / \mathrm{s}}=\frac{\text { Neptune Velocity } 5.4 \mathrm{~km} / \mathrm{s}}{\text { PLuto Velocity } 4.7 \mathrm{~km} / \mathrm{s}}=1.16$
Equation No. 2
$\frac{\text { Mercury Velocity } 47.4 \mathrm{~km} / \mathrm{s}}{\text { Venus Velocity } 35 \mathrm{~km} / \mathrm{s}}=\frac{\text { Mars Velocity } 24.1 \mathrm{~km} / \mathrm{s}}{\text { Ceres Velocity } 17.8 \mathrm{~km} / \mathrm{s}}=\frac{\text { Ceres Velocity } 17.8 \mathrm{~km} / \mathrm{s}}{\text { Jupiter Velocity } 13.1 \mathrm{~km} / \mathrm{s}}=\frac{\text { Jupiter Velocity } 13.1 \mathrm{~km} / \mathrm{s}}{\text { Saturn Velocity } 9.7 \mathrm{~km} / \mathrm{s}}=1.345$
Equation No. 3
$\frac{\text { Earth Velocity } 29.8 \mathrm{~km} / \mathrm{s}}{\text { Mars Velocity } 24.1 \mathrm{~km} / \mathrm{s}}=\frac{\text { Venus Velocity } 35 \mathrm{~km} / \mathrm{s}}{\text { Moon Velocity } 27.9 \mathrm{~km} / \mathrm{s}}=\frac{\text { Uranus Velocity } 6.8 \mathrm{~km} / \mathrm{s}}{\text { Neptune Velocity } 5.4 \mathrm{~km} / \mathrm{s}}=1.254$

## Equation No. 4

$\frac{\text { Mercury Velocity } 47.4 \mathrm{~km} / \mathrm{s}}{\text { Jupiter Velocity } 13.1 \mathrm{~km} / \mathrm{s}}=\frac{\text { Venus Velocity } 35 \mathrm{~km} / \mathrm{s}}{\text { Saturn Velocity } 9.7 \mathrm{~km} / \mathrm{s}}=\frac{\text { Mars Velocity } 24.1 \mathrm{~km} / \mathrm{s}}{\text { Uranus Velocity } 6.8 \mathrm{~km} / \mathrm{s}}=3.6$

## II- Discussion

## Equation No. 1

Let's suppose that- we use 1 second only for this equation - How the values will be changed? The velocities will be distances as following...
(Venus distance for 1 second $35 \mathrm{~km} /$ Earth distance for 1 second 29.8 km ) $=1.16$
Suppose that there's a velocity of light $=1.16 \mathrm{mkm} / \mathrm{sec}$
So - This light beam will pass during 29.8 seconds a distance $=35 \mathrm{mkm}$
But Venus distance $=35 \mathrm{~km}$ - Not Million km - how to understand that?
Let's leave this question for a while now ...
I want to say that - all planets velocities follow this same explanation because the rate (1.16) is used for all planets velocities where $\mathbf{1 . 3 4 5 6}=(\mathbf{1 . 1 6})^{2}$

## Also Please Note

$1.3456=1.0725 \times 1.25463$ where the rate (1.0725) is found for lorentz length contraction effect as we have discussed frequently before

I try to show that, the planets velocities are created depending on the rate 1.16 Now to accept my explanation for this rate we have 2 tasks $\left(1^{\text {st }}\right)$ to answer how the distance value can be used as a time period? We have discussed that before and proved in my previous arguments (parts I, II, III) ( $2^{\text {nd }}$ ) how 35 mkm can be 1 km ? this is related to the geometrical mechanism - for example the value $35 \mathrm{mkm}^{2}$ can be 35 km (length) x 1 mkm (breadth)

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## $6^{\text {th }}$ Proof The Outer Planets Shows This Value 1.16 Mkm I- Data

(1)

The outer planets diameters total $=\mathbf{3 6 6 8 5 3} \mathbf{~ k m ~ x ~} \boldsymbol{\pi}=\mathbf{1 . 1 6} \mathbf{~ m k m}$
(2)

The outer planets diameters total/ Pluto diameter $=153.3$
Where Pluto rotation period $=13.3$ hours
(3)

The outer planets diameters total/ Earth Moon diameter =105.5
Earth Moon rotation period 655.2 hours $=2 \boldsymbol{\pi} \times 105.5$

## II- Discussion

I try to show that - the outer planets diameters total isn't just a number - it's a geometrical player define the planets rotation periods - the geometrical mechanism is hard for me to grasp but the data supports the claim clearly

That may tell us why Earth Moon diameter is related to the light velocity!
The following data supports this claim
(a)

10921 km (Earth Moon Circumference) $\mathbf{x} 27.3=300000$ km
The equation tells that - if the moon rotates around its axis once daily - so during its rotation period the moon will move a distance $=$ light motion for 1 second $=300000 \mathrm{k}$ (light known velocity $0.3 \mathrm{mkm} / \mathrm{se}$ )
(b)
$10921 \mathbf{k m}$ (Earth Moon Circumference) x 86400 seconds (a solar day) $\mathbf{= 9 4 0} \mathbf{~ m k m}$ The equation tells that - If Earth revolves the sun a complete revolution ( 940 mkm ) in one solar day only - so the moon circumference will be equal a distance of its motion for $\mathbf{1}$ second period
(c)
$43000 \mathbf{k m}$ (Perigee and apogee distance) $\mathbf{x} 27.3 \times 0.99=1.16 \mathbf{m k m}$
The equation tells that - If the moon moves from perigee to apogee once daily so during its orbital rotation period will move a distance $=1.16 \mathrm{mkm}=$ light motion for 1 second (light supposed velocity)
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## $7^{\text {th }}$ Proof Earth Energy

Jupiter shows a light beam with velocity $=1.16 \mathrm{mkm} / \mathrm{sec}-$ by this light beam Jupiter provides the solar system main energy - this idea we have discussed before - so let's see the next one
Now if Earth is the planet energies summation product so why Earth energy has no this type of light ( $1.16 \mathrm{mkm} / \mathrm{sec}$ )?
Earth Circumference $=40080 \mathrm{~km}$
When Earth rotates around here axis - she moves a distance $=40080 \mathrm{~km}$
Did we use before the distance value and a time value? Yes
So
40080 km we should use as 40080 seconds

Now
I suppose that -40080 seconds on Earth $=1$ second on Jupiter
Means
Earth motion during 40080 seconds is seen as motion of 1 second to Jupiter

## 40080 seconds $\times 29.8 \mathbf{m k m} / \mathrm{sec}($ Earth Velocity $)=\mathbf{1 . 2}$ million km

For some (unknown) geometrical necessity, the Value 1.2 mkm will be $1.2 \mathrm{mkm}=\mathbf{1 . 1 6 ~ m k m}+0.04 \mathrm{mkm}(0.04=$ Earth Circumference $)$

The value 1.16 mkm will be seen as a velocity in $1 \mathrm{~second}=1.16 \mathrm{mkm} / \mathrm{sec}$ Where 40080 seconds on Earth $=1$ second on Jupiter

## Please Note

The process by which the value 1.16 mkm is produced, is a complex geometrical process which we need to analyze as deep as possible
This idea should be discussed in the next part My Research Basic Arguments (V)

$$
\begin{array}{rlrl}
40080 & =1461 \times 27.43 & & =365.25 \times 109.7 \\
& =175.94 \times 227.9 & & =354.39 \times 113.09 \\
& =58.34 \times 687 & & =28.3 \times 1416.2 \\
& =1.31 \times 30589 & & =98.6 \times 406.4 \\
& =29.44 \times 1361 & & \\
& =116.75 \times 343.3 & & \\
& =327.6 \times 122.34 & & \\
& =\text { Neptune Diameter } \times 0.8 \text { (Uranus orbital inclination) } \\
& =\text { Venus Diameter } \times 6.7 \text { (the moon axial tilt })(1 \%)
\end{array}
$$

## Equation No. (I)

## $1461 \mathrm{mkm}=1.16 \mathbf{m k m} \times 1259.3$ seconds

## Where

1.16 million km / second : The Supposed Light Velocity
1259.3 seconds .....What's this value?
$1461 \mathrm{mkm} \ldots . . . .$. do we know this value? In fact we know only the value 1461 days $=(365+365+365+366)=$ Earth 4 years Cycle $\ldots .$. !

## II- Discussion

This is very hard equation to discuss and in fact it's the most important proof for the claim...
( 1461 mkm ) this value we should consider equal to ( 1461 days)... that because the time and distance values can be equivalent... this idea we have discussed deeply in my previous paper

Time And Distance Equivalence (Proves) http://vixra.org/abs/1904.0125
The main difficult number is the value ( $\mathbf{1 2 5 9 . 3}$ seconds).... Let's try to know how this number is found....!
Venus axial tilt $=\mathbf{1 7 7 . 4}$ degrees but Saturn orbital inclination $\mathbf{= 2 . 5}$ degrees
So the total $=177.4+2.5=179.9$ degrees $\ldots$ if we multiply this number with 7 (Mercury Orbital Inclination $=7$ degrees) we'll reach to the value $\mathbf{1 2 5 9 . 3}$ degrees ${ }^{2}$
What's the theoretical idea behind the previous calculating process? I claim that Saturn cooperate with Venus and consist the base on which the whole solar group depends in their motion and existence...so the result 179.9 degrees was the most important value in the solar and the result 1259.3 degrees $^{2}$ is the first production where Mercury depends on Saturn- Venus Cooperation to produce this value 1259.3 degrees ${ }^{2} \ldots$ Now How 1259.3 degrees $^{2}$ can be 1259.3 seconds....?!
Mercury orbital circumference $=360 \mathrm{mkm}=360$ degrees.... i.e. if the solar group is one machine and Mercury is one gear in this machine - as I claim- that means 1 degree can be seen as 1 mkm because Mercury orbital circumference can make these both values be exchangeable...now the 1 degree becomes $1 \mathrm{mkm} .$. . But we have explained in the previous paragraph that the time and distance values can be equivalent...so this 1259.3 mkm will be 1259.3 seconds....! In fact Neptune reflected energy supports this claim where 86400 seconds $=$ the solar day we have found energy $=86400 \mathrm{mkm} . .(86400 \mathrm{mkm}=($ Neptune orb. Circum- Earth orb. Circum $) \times \pi$

## What does that means?

The value 1259.3 degrees expresses the whole solar group because based on the Saturn- Venus Cooperation the whole solar group is living and move...that means the value 1461 mkm or 1461 days (both are equivalent)... this value express the whole solar group geometry...
That's why Earth Orbital Period 365.25 days is very important period in the solar group....

That's why the sun circles Earth during 365.25 days, giving Earth the same face always during the year such chance which isn't provided to any other planet.... That Because the value 1461 days express the whole Solar Group....
Now this claim isn't supported yet.... Shortly..
How to prove that the value 1461 days express the whole solar group...?

## Let's answer in following:

We remember Earth Axial Precession Cycle whose period $=\mathbf{2 5 9 2 0}$ years... we have referred to it before
Light with known velocity ( 0.3 million $\mathrm{km} / \mathrm{sec}$ ) travels during a complete solar day ( 86400 seconds) a distance $=25920$ million km - because time and distance value equivalence so this both values were considered relating to each other.
But
1461 days $\times 17.6$ million $\mathbf{k m}$ daily $=\underline{\mathbf{2 5 9 2 0}}$ million $\mathbf{k m} \quad$ (Equation 2-2)
1461 days $\quad:(365+365+365+366)$ which is Earth 4 years Cycle
17.6 million km daily : Solar Planets Velocities Daily Total

We have seen that, the light during a solar day 86400 seconds travels a distance $=$ 25920 mkm but all solar planets velocities daily total perform in fact this same distance during the period $1461 \mathrm{mkm} . .$. !
We may conclude that, the planets motions followed the light motion but by different rate of time...
The different rate of time is found based on the relativistic effects because of the velocities difference...
We have seen before the Planet motion followed the light motion... this was repeated 2 times at least
$\left(1^{\text {st }}\right)$ Mercury motion is followed a light beam preceded Mercy to Pluto ( $\left.2^{\text {nd }}\right)$ Earth Moon Motion is followed a light beam travels from Jupiter to Uranus Please Note...
1- The Value 17.6 million km daily is produced by supposing that the Earth Moon Velocity daily $=2.41$ million $\mathrm{km}-$ in fact the moon velocity should be equal Earth velocity daily ( $=2.58 \mathrm{mkm} /$ daily) Otherwise they will be separated from each other but why the moon velocity daily $=2.41 \mathrm{mkm} /$ day ? It later will be discussed
2 - The value 1259.3 discussion isn't finished yet because of the following:
a- 1259.3 degrees $=179.9 \times 7$ (Mercury orbital inclination $=7$ degrees)
b- 511.1 degrees (solar planets axial tilts total) $=1259 \times 0.406$ (Pluto Velocity daily $=0.406 \mathrm{mkm}$ )
c- 6585.39 days $($ Saros Cycle $)=232.7$ deg (inner planets axial tilts total $) \times 28.3$ deg $($ Neptune axial tilt $)=278.4 \mathrm{deg}($ outer planets axial tilts total $) \times 23.6 \mathrm{deg}$ (outer planets orbital inclination total)..... for full discussion please review
Saturn Effect On The Solar Group Geometry http://vixra.org/abs/1904.0203

The Time Definition http://vixra.org/abs/1805.0523
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## Equation No. II

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

| $1.16 \mathrm{mkm} / \mathrm{sec}$ | : The Supposed Light Velocity |
| :--- | :--- |
| 2088 mkm | $=$ Jupiter Uranus Distance |
| 3600 seconds | $=90000$ seconds -86400 seconds |

## II- Discussion

We have discussed this equation in my previous papers
The Solar Group Main Equation http://vixra.org/abs/1809.0186
The Solar Group Main Equation (Part 2) http://vixra.org/abs/1809.0468
The Geometrical Mechanism still so complex and unclear before me
$90000 \mathrm{mkm}^{2}=(\mathrm{c})^{2} \ldots$. What does that mean? a light beams travel with $0.3 \mathrm{mkm} / \mathrm{sec}$ pass a distance during 1 second.... i.e. the light passed only 0.3 mkm and then we'll take the square of this value...what geometrical reason behind...? Not reach yet...
Now 90000 mkm = 86400 mkm +3600 mkm
This equation isn't working..... in fact we use 86400 mkm and 3600 seconds.... what geometrical reason ... I don't know yet.... We should refer to that there are relativistic effects in the solar group and based on these relativistic effects the time and distance values can be equivalent (we have discussed that before) so why we use 3600 seconds in place of 3600 mkm that because the relativistic effects toward us create this value 3600 in seconds unit... that's relating to the frames interacting in the solar group ... i.e. we need to know which AREA (or may be location...etc) in which the relativistic effects cause the value to be seen as time or as distance units... and based on the classification we may reach why we use 3600 seconds in place of 3600 mkm while we in fact use 86400 mkm and not 86400 seconds...!
Any way we have 2 parts
86400 mkm which can be used in place of the energy sent from Neptune toward Mercury in first Trajectory of Energy and toward Earth \& Venus in the second trajectory of Energy...
And
3600 seconds (also energy but in time form because time and distance are equivalent)
This value is energy moves from Jupiter to Jupiter to the Moon orbit (through Pluto)

## Equation No. 3

Tells us that, the value 90000 mkm is used for the whole cycle... because during 3600 seconds (the light with $1.16 \mathrm{mkm} / \mathrm{sec}$ ) travels a distance $=2 \mathrm{x}$ Jupiter Uranus Distance... Why double value? Because during 360 degrees there's a straight diameter passes the sun point and creates double value of Jupiter Uranus Distance.. Simply that tells us the solar group motion (almost) depend on this value 90000 mkm That tells the factor $\mathrm{c}^{2}$ is effective greatly on the solar group geometry...

## Equation No. III <br> $113.45 \mathrm{mkm}=\mathbf{9 7 . 8}$ seconds $\mathbf{x} \mathbf{1 . 1 6 ~ m k m} / \mathrm{sec}$

$97.8 \mathrm{sec} \times 1.16 \mathrm{mkm} / \mathrm{sec}=113.45 \mathrm{mkm}(=90+23.45)$
$(113.45=4 \times 28.36=5.15 \times 22=63.7 \times 1.8(1 \%))$
let's divide it into 2 :
First
$\mathbf{9 7 . 8} \mathbf{~ s e c} \mathbf{x} 1.16 \mathbf{m k m} / \mathrm{sec}=\mathbf{1 1 3 . 4 5} \mathbf{~ m k m}(=\mathbf{9 0}+\mathbf{2 3 . 4 5}$ Earth axial tilt $)$
$1.16 \mathbf{~ m k m} / \mathrm{sec}=$ a light beam with (supposed velocity $=1.16 \mathrm{mkm} / \mathrm{sec}$ )
This light beam passes during 97.8 seconds a distance $=113.45 \mathrm{mkm}$
Note Please, $1 \mathrm{mkm}=1$ degree, means $113.45 \mathrm{mkm}=113.45$ degrees $=90+23.45 \mathrm{deg}$ 97.8 degrees $=$ Uranus axial tilt - that means -If Uranus axial tilt (97.8) can be used in seconds units ( 97.8 seconds) - so this light beam (1.16) can create a distance $=113.45 \mathrm{mkm}$ where $1 \mathrm{mkm}=1$ degree, so this value 113.45 mkm will be 113.45 degrees $=90$ degrees +23.45 deg (Earth Axial Tilt $)$
i.e.

Earth axial tilt is created depending on Uranus axial tilt but with help of the light 1.16 $\mathrm{mkm} / \mathrm{sec}$ (if this velocity is found)
Second

$$
\begin{aligned}
113.45 \mathrm{deg} & =4 \times 28.36 \mathrm{deg} \text { (Neptune Axial Tilt) } \\
& =22 \times 5.15 \mathrm{deg} \text { (the moon O I) (note } \pi=22 / 7) \\
& =63.7 \mathrm{deg} \text { (the sun inclination) } \times 1.8 \text { degrees (Neptune O I) }(1 \%))
\end{aligned}
$$

Also
511.1 deg. $=22 \times 0.99 \times 23.45 \mathrm{deg}$ (Earth Axial Tilt) (511.1=Planets axial tilts total)

## Discussion

I wish I have succeeded in my task - I have tried to show that Earth Axial Tilt (for example) isn't a mere number of degrees ( 23.45 degrees) effect by this value only but Earth axial tilt ( 23.45 deg ) is a value of energy effects by different forms - as 113.45 degrees or 113.45 mkm or 23.45 mkm or even 113.45 days or also 23.45 days The unit is relative as we have discussed in the previous arguments - for that any of the planets data has different fields of its effect on the solar system geometry Equation No. 5
$\frac{\text { 28.3 Neptune Axail Tilt }}{26.7 \text { Satrun Axail Tilt }}=\frac{26.7 \text { Satrun AxailT. }}{25.2 \text { Mars Axail T. }}=\frac{25.2 \text { Mars AxailT. }}{23.4 \text { Earth AxailT. }}=\frac{97.8 \text { Uranus AxailT. }}{91.25 \text { degrees }}=1.0725$
This equation can help us greatly - because 4 planets axial tilts are rated to each other by this same rate (1.0725) (which I claim is found as a result of Lorentz length contraction effect) - so all these 4 axial tilts values are one value only -
I try to show that - Planets Data Can't Be Independent From Each Other the values which we see independent as 97.8 deg and 23.45 deg in fact they are created depending on each other.
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