## Jupiter Effect On Pluto Motion

## The Author

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## Abstract

## Paper Basic Question <br> Why do we analyze Jupiter Data and effect on different Planets?

## Because

## I try to prove that,

- The planets motions are light motions but we see them motions in planets motions form
- It's a light beam which causes the planets to move in front of us in the sky
- There's no gravity from the sun, there's no Big Bang theory - No more imaginations
- It's A Light Beam Motion


## References

Jupiter And Venus Motions Interaction
How To Discover The Solar System?
Jupiter Effect On The Inner Planets (V)
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## 1- Introduction <br> "We see planets motions but they are light motions"

This is my claim, I try to prove through Jupiter data analysis frequently -
Why is there any truth in my claim?
I'm a similar to a person trying to prove to some people that what they see in front of them is just A Mirage there's not water here - it's A Mirage

Now we have a conflict point - they people see water clearly in front of them And I cry - it's a Mirage please think for a while

No one listens - and the people will move to this water and will find nothing It's A Mirage

Because the human has eyes and mind - when we see we may think if what we see is a truth or just imaginations
Again
From where I got this idea ......from the planets data analysis ....

If we have a mirage in front of us how to know it's a mirage and not real water?
I analyze the motion .... And the motion tells that it's not a planet motion instead it's a light motion

Is There One Proof Only For This Claim?

## Jupiter Pluto Distance shows clearly it's a light motion

How that...
5127 mkm = Jupiter Pluto Distance
This distance is created by light motions
Let's prove with full explanation in this paper

## Note Please

Jupiter Pluto Distance I have analyzed frequently before - but in this paper I add a new analysis points in addition to the old data
So, I have to offer the old data at first and then the new data to avoid any confusion in meaning.
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## 2-Methodology

I use the Planets Data Analysis in my research
How to use this Method?
I try to compare between the planets data and the physics theories to see if the physics theories are in consistency with the planets data..
let's use examples for explanation

## Example No. 1

The sun gravity causes the planets motions and their orbital distances- we keep that by heart- yes - but is it true? Of course NOT
In the solar system no one proof for this idea - let's summarize its disproves here:
$\left(1^{\text {st }}\right)$ Jupiter the greatest Mass is Not the most near planet to the sun - and Not the Most fast planet in motion!
$\left(2^{\text {nd }}\right)$ the order (Mercury - Venus - Earth) shows that more mass (or diameter) needs longer orbital distance! (disproving the gravitation equation)
$\left(3^{\text {rd }}\right)$ Neptune Mass is greater than Uranus but Uranus is greater in diameter and nearer to the sun(again disproving the gravitation equation)
$\left(4^{\text {th }}\right)$ the outer planets order (Jupiter- Saturn- Uranus- Neptune- Pluto) shows the order is relative to the diameter and not the mass
$\left(5^{\text {th }}\right)$ the planets greatest mass (Jupiter - Saturn- Neptune- Uranus) these order in Mass makes also order in the day period inverse with the mass - means greatest mass has the shortest day period.

## Example No. 2

The planet is created by the big bang theory... is it correct? Of course NOT $($ Earth orbital period /the moon orbital period $)=(\text { Earth diameter/ the moon diameter })^{2}$ $($ Mars orbital period $/$ Earth orbital period $)=($ Earth diameter $/$ Mars diameter $)$

How the planet matter is created? The answer of this question is written in Planets Diameters, Masses, Orbital Distances, Orbital Inclinations Or Axial Tilts That's why I analyze the planets data - because this data will tell us how (really) the solar planets were created? the planets data will till us some real explanation in place of the historical records which we have to believe as facts for which no one proof is found.

## Example No. 3

Einstein told us that, the space can be created without matter - is it true?! But the total solar eclipse tells a different idea-
We see the sun disc $=$ the moon disc because (The Sun Diameter /The Moon Diameter) $=($ Earth Orbital Distance/ Earth Moon Distance) this equation tells us that the diameters almost are created with distances - that's why The Distances Rate = The Diameters Rate -
I compare only the planets (real) data with the physics book theories and make a report explaining if the theory is in consistency with the planets data....
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## 3- Jupiter Energy Analysis

3-1 Jupiter Energy
3-3 Jupiter effect on the inner planets

## 3-1 Jupiter Energy

(1)

Jupiter sends the energy to Pluto - Jupiter energy is sent in a light beam form, where this light beam velocity $=1.16 \mathrm{mkm} / \mathrm{sec}-$ Jupiter continued sending its energy for 2 full solar days ( $2 \times 86400$ seconds)
(2)

This light beam passes during the period $=1.16 \mathbf{m k m} / \mathrm{s} \times 2 \times 86400 \mathrm{~s}=\mathbf{2 0 2 5 8 4} \underline{\mathbf{m k m}}$ So
During 2 solar days, light with velocity $1.16 \mathbf{m k m} / \mathrm{s}$ passes a distance $=\mathbf{2 0 2 5 8 4} \underline{\mathbf{m k m}}$ (3)

This Energy reach to Pluto - but Pluto reflected this full energy again to Neptune That means Pluto didn't use any of this energy but Pluto reflected it to Neptune completely
(4)

Neptune - in that time - had no an orbital circumference - for that reason - Neptune used part of the sending energy to build its orbital circumference ( 28255 mkm ) Specifically Neptune used $14 \%$ of the total energy to build its orbital circumference

After Neptune Orbital Circumference Building
The rest of energy $=86 \%(=2 \times 86400 \mathrm{mkm})$,
this energy Neptune reflected to the inner planets -into 2 equal trajectories of Energy, Each Trajectory contains an energy $=43 \%$ of the total $=86400 \mathrm{mkm}$
(4)

Neptune reflected the first Trajectory of energy contains ( 86400 mkm ) to Venus and Earth together (to be used by Venus \& Earth)
(5)

Also Neptune reflected the second Trajectory of energy contains ( 86400 mkm ) to Jupiter and then to Mercury (Jupiter doesn't use any of the energy - Jupiter directed the energy only toward Mercury to reach Mercury $=86400 \mathrm{mkm}$ completely)
(6)

How we know this story and the values?! Because Distance = Energy
(7)

So all distances I have referred are real distances - and that means - these real distances are created based on the previous story which force us to conclude that a light velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ must be found in the solar system

## Please Note

Jupiter Pluto Distance is analyzed in this paper also in next point (3-2 Jupiter Energy More analysis) to show that, this distance is created by light beam motion and not by any planet motion...
Now let's see the distances which prove the idea
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## Jupiter Energy Analysis

(Equation No. a)
(Pluto Orbital Circumference-Jupiter Orbital Circumference) $\mathbf{x} 2 \pi=202584 \mathrm{mkm}$ $1.16 \mathrm{mkm} / \mathrm{sec} \mathrm{x} 2 \mathrm{x} \quad 86400$ seconds $\mathbf{= 2 0 2 5 8 4 m k m}$ (Equation No. b) 202584 mkm = 28255 mkm (Neptune Orbital Circumference) + $2 \times 86400$ mkm
(Equation No. c)
(Neptune orbital Circumference -Earth orbital Circumference) x $\boldsymbol{\pi}=\underline{\mathbf{8 6 4 0 0} \mathbf{~ m k m}}$ (Error less 1\%)

## Discussion

Equation No. a
(Pluto Orbital Circumference -Jupiter Orbital Circumference) $\mathbf{x} \boldsymbol{\pi} \boldsymbol{\pi}=\mathbf{2 0 2 5 8 4 m k m}$ Jupiter \& Pluto Orbital Circumferences Difference x $2 \pi=202584 \mathrm{mkm}$

## Also

Light with velocity $1.16 \mathbf{m k m} / \mathrm{s}$ during 2 solar days passes a distance $=\mathbf{2 0 2 5 8 4} \mathbf{m k m}$
Equation No. b
This equation tells a simple information - from a distance $=202584 \mathrm{mkm}$ we minus Neptune orbital circumference ( 28255 mkm )- The rest of energy $=\mathbf{2} \mathbf{~} \mathbf{8 6 4 0 0} \mathbf{~ m k m}$

Equation No. c
This equation tells that the value 86400 mkm reach to Earth (or Venus)!
First, Why this prove any thing??
Because we use the same equation!!
The difference between Neptune \& Earth Circumferences x $\boldsymbol{\pi}=\mathbf{\mathbf { 8 6 4 0 0 } \mathbf { ~ m k m }}$
This is the same equation by which the energy is sent from Jupiter to Pluto - it's NOT similarity for some numbers - it's the same motion of energy- so the same equation and the same amount of energy are used
Second, to where the energy is sent, because if we use Neptune Earth circumferences difference or Neptune Venus circumferences difference - the error will be less $1 \%$ give no direction to the energy transportation- so the $1^{\text {st }}$ trajectory energy is sent to Earth or Venus?!
To both together - the energy is reach to a point 120 mkm from the sun and from this point the energy ( 86400 mkm ) is divided for 2 Planets (Earth and Venus)
Third,
The difference between (Neptune \& Mercury) orbital circumferences x $\boldsymbol{\pi}=\underline{\mathbf{8 6 4 0 0} \mathbf{m k}}$ (error 1.5\%)
So - why this energy must be passed through Jupiter - why not directly to Mercury?
Because Mercury Jupiter Distance $=720.7 \mathrm{mkm}$ and
$720.7 \mathrm{mkm} \times 2 \pi=4495.1 \mathrm{mkm}$ (Neptune orbital distance)- later we'll discuss it.
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## QUESTIONS AND ANSWERS

(1)

Why does the previous data prove the story?

## Shortly

The value 202584mkm_is used 3 times in the previous data
(1) As the result of Jupiter Pluto Circumferences Difference x $\mathbf{2 \pi}$
(2) As a distance passed by light with velocity $1.16 \mathrm{mkm} / \mathrm{s}$ during 2 days
(3) As the total $=28255 \mathrm{mkm}+2 \times 86400 \mathrm{mkm}$

Where ( $28255 \mathrm{mkm}=$ Neptune orbital circumference) and ( $86400 \mathrm{mkm}=$ Neptune Earth orbital circumferences difference $\mathrm{x} \boldsymbol{\pi}$ ) where we can use Venus or Mercury in place of Earth and reach to the same result
The 3 times of using the value 202584mkm have no clear explanation - just what I provided here in this paper.
(2)

How to prove the energy is transported really?
Let's remember - we accepted that - Distance $=$ Energy $\ldots$ Now
The inner planets creation energies are sent from Jupiter and reflected by Neptune What conclusion we can reach here?

## Jupiter \& Neptune orbital distances control the inner planets data Is It True??

## More Data

Group No. (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\%)
Simply the inner planets define their distances with a limit which is Neptune orbital distance- Why? because Neptune reflected their energy

## Group No. (II)

## Jupiter Orbital Circumference

360 mkm (Mercury Orbital Circumference) +680 mkm (Venus Orbital Circumference) +940 mkm (Earth Orbital Circumference) +1433.5 mkm (Mars Orbital Circumference) x $2=4900$ mkm (Jupiter Orbital Circumference) (error 1\%) Shortly
the inner planets orbital circumferences total = Jupiter orbital circumference! Why? because Jupiter energy is their creation source - the inner planets are created because of Jupiter energy - and Energy = Distance - that explains the data clearly-

## Note Please

For a geometrical necessity Mars Orbital Circumference is used 2 times in the previous summation (Later we'll have more deep discussion).
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## Group No. (III)

## Jupiter Orbital Distance

- Mercury Orbital Distance x 2
- Venus Orbital Distance
- Earth Orbital Distance
= Mercury Jupiter Distance
=Venus Jupiter Distance (Error 1.5\%)
=Earth Jupiter Distance (Error 1.3\%)


## Note Please

(1)

When Earth and Jupiter are at 2 sides from the sun so $930 \mathrm{mkm}=778.6 \mathrm{mkm}+149.6$ mkm - so Earth Jupiter distance (in this case) = Earth orbital circumference ( 940 mk ) (2)

The previous data needs more deep discussion - we should realize that Jupiter is the inner planets store of Energy and Neptune reflected this energy to them - simply the inner planets live on this energy - and that creates a very great effect of Jupiter and Neptune on the inner planets
The previous data (which is so much data) is a very small part of a sea of data proving this fact -we need to discuss each relationship alone to see clear as possible

## For example

Mercury moves during its day period (around 176 solar days) a distance $=$ Mercury Jupiter Distance! Why? it's Jupiter effect on Mercury motion - which we need to discuss later
Mercury orbital inclination, orbital period and a great part of Mercury orbital motion depends directly on Jupiter data
The previous data I inserted to work as a proof for the argument - but the real relationships are so deep in the solar system geometrical structure and we should discuss them as deep as we can in this paper.

## Group No. (IV)

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

## We deal With Jupiter Pluto Orbital Circumferences

$5127 \mathrm{mkm} \times 2 \pi=32222 \mathrm{mkm}$
This is the value which we deal with in the previous long analysis

## I-Data

(I)

32222 seconds x $0.3 \mathrm{mkm} / \mathrm{sec}$ (light know velocity) $=2 \times 4900 \mathrm{mkm}$ (Jupiter orbital circumference)
(II)
2595.3 seconds x $0.3 \mathrm{mkm} / \mathrm{sec}$ (light know velocity) $=778.6 \mathrm{mkm}$ (Jupiter orbital distance)
Where
$2595.3 \mathrm{mkm}=2 \pi \times 414 \mathrm{mkm}$ (Ceres orbital distance)

## I-Discussion

## Equation No. I

The number 32222 mkm is the number on which all the story in point (3-1) is found Simply
We know there's a light velocity $=1.16 \mathrm{mkm} / \mathrm{sec}$ because of this number (the difference between Pluto orbital circumference and Jupiter orbital circumference)
And
Now the same number 32222 mkm is used as a time period 32222 seconds for light motion for a distance $=2 \mathrm{x}$ Jupiter orbital circumference

## The question is why 2 values of Jupiter orbital circumference?

It's the main equation in the solar system
$\mathbf{Z}=\mathbf{1 x}+\mathbf{2} \mathbf{y}$
So Pluto orbital circumference (1x) produces 2 Jupiter orbital circumferences ( 2 y )
So, Jupiter Pluto distance shows light motions by different sides
Equation No. (II)
2595.3 seconds x $0.3 \mathrm{mkm} / \mathrm{sec}$ (light know velocity) $=778.6 \mathrm{mkm}$ (Jupiter orbital distance)
Simply this equation tells us that, Ceres orbital circumference ( 2595.3 mkm ) works as a time period 2595.3 seconds to produce Jupiter orbital distance 778.6 mkm Please review my paper
Gerges Equations For Solar Group Geometry https://vixra.org/abs/1906.0564 To see how Jupiter orbital distance depends on Ceres orbital distance in this equation also - there's nothing here is done by pure coincidences or by chance - we deal here with light motions...
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## 3-3 Jupiter Effect On The Inner Planets

The inner planets orbital circumferences are created by Jupiter effect and Jupiter orbital circumference is created depending on the inner planets orbital circumferences total! How to explain that? let's see that in following...

## The $1^{\text {st }}$ observation was:

1. Venus Jupiter distance $670.4 \mathrm{mkm}=$ Venus orbital circumference $680 \mathrm{mkm}(1.4 \%)$
2. Earth Jupiter distance $928 \mathrm{mkm}=$ Earth orbital circumference $940 \mathrm{mkm}(1.3 \%)$
3. Mercury moves during its day period a distance $=720.7 \mathrm{mkm}=$ Mercury Jupiter distance. (no error)
The previous data tells simply that,
Mercury, Venus and Earth move during their orbital period distances $=$ their distances to Jupiter
Now this rule is not so accurate one ... because
(1) Mercury uses its day period (which $=2$ Mercury Orbital Periods) to produce Mercury Jupiter Distance -
Also
(2) Earth during its orbital period (365.25 days) moves $=940 \mathrm{mkm}=$ Earth Jupiter distance $928 \mathrm{mkm} \ldots$. (but In this case Earth and Jupiter should be on 2 different sides from the sun and based on that $149.6 \mathrm{mkm}+778.6 \mathrm{mkm}=$ 928.2 mkm ( $1.3 \%$ error)

Only
(3) Venus moves during its orbital period (224.7 days) a distance $680 \mathrm{mkm}=$ Venus Jupiter distance 670.4 mkm (1.4 \% error)

The $2^{\text {nd }}$ observation was:
Jupiter Orbital Circumference $=$ Mercury, Venus And Earth orbital circumferences total in addition to 2 values of Mars orbital circumference
i.e.

Jupiter Orbital Circumference $=$ The Inner Planets Orbital Circumferences Total + Mars Orbital Circumference (For Second Time)

## Note Please

The Distance Analysis Between Earth And Jupiter May Show The Mutual Effect Between The Inner Planets And Jupiter and how these distances are created by light motions...

## 4- Earth Jupiter Distance Analysis

How Earth Jupiter Distance is created? Let's divide it into basic parts (Figure No.1)


Figure No. 1
The Figure Explanation ... (A) Point is found at 304 mkm from the sun
(B) Point is found at 185.1 mkm from the sun $\quad \mathbf{A B}=$ Venus Mars Distance

From B to Jupiter the distance $=595 \mathrm{mkm}$

## I-Data

Equation No. (1)
304 degrees $^{2}=97.8$ degrees (Uranus Axial Tilt) x 3.1 degrees (error 0.2\%)

## Equation No. (2)

2872.5 mkm (Uranus orbital distance) $=304 \mathrm{mkm} \times 9.449$

Equation No. (3)
$304 \mathrm{mkm} \times 0.8=\mathbf{2 4 3 . 2} \mathbf{~ m k m}$....And
$304 \mathrm{mkm}-57.9 \mathrm{mkm}=246.1 \mathrm{mkm}$ but $246.1 \mathrm{mkm} \times 0.99=\mathbf{2 4 3 . 6} \mathbf{~ m k m}$
Equation No. (4)
$187 \mathrm{mkm} \times 0.8=149.6 \mathrm{mkm} \ldots$....And
$180 \mathrm{mkm} \times 0.8=144 \mathrm{mkm}$
Equation No. (5)
$187 \mathrm{mkm} \mathrm{x} \pi=589 \mathrm{mkm}$
but
(i) $589 \mathrm{mkm} \quad=0.363 \mathrm{mkm} \times 1622.7 \mathrm{mkm}$
(ii) $589=$ (Venus rotation period $/$ Jupiter rotation period)
(iii) 589.6 days $=\mathbf{2 4 3}$ days (Venus Rotation Period)+346.6 days (Nodal Year)

Equation No. (6)
$216.4 \mathrm{mkm} \times 1.392 \mathrm{mkm}=304 \mathrm{mkm} \times 0.99$
Note please
$216.4 \mathrm{mkm} \times 3.1=670.4 \mathrm{mkm}$
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## Notice No. 1

Before to start our discussion - let's explain how Jupiter orbital distance is created In the previous figure we have 2 basic distances
(1 ${ }^{\text {st }}$ Distance) from the sun to the point $(\mathbf{A})=304 \mathrm{mkm}$
Light with known velocity ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) passes this distance is 1013 seconds
(2 ${ }^{\text {nd }}$ Distance) from the point (A) to Jupiter $=595 \mathrm{mkm}$
Light with known velocity ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) passes this distance is 33 minutes $(=1980$ seconds)
But
1980 mkm=the 3 inner planets orbital circumferences total (Mercury +Venus +Earth)

1013 mkm is the distance between Mars \& Jupiter when both of them be on 2 different sides from the sun ( $227.9 \mathrm{mkm}+778.6 \mathrm{mkm}=1006 \mathrm{mkm}$ (error $0.7 \%$ ) That means
The distance from the sun to Jupiter is defined based on the inner planets orbital circumferences values, dividing into 2 parts - the 3 inner planets together define the distance 595 mkm and Mars with Jupiter define the distance 304 mkm
But
595 seconds x1.16 = 690.2 mkm but Mars Orbital Period =687 days (error 0.5\%)

## Notice No. 2

304 seconds $\times 0.3 \mathrm{mkm} / \mathrm{sec} \quad=\mathbf{9 1 . 2} \mathbf{~ m k m}$
304 seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec} \quad=\mathbf{3 5 2 . 6} \mathbf{m k m}$
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## II-Discussion

Equation 1 \& 2 refer to that the value 304 is related to Uranus data strongly,
We will start with Equation No. 11 because we want to discuss how this distance is created

Equation No. (3)
$304 \mathbf{m k m} \times 0.8=243.2 \mathbf{~ m k m} \ldots$. And
$304 \mathrm{mkm}-57.9 \mathrm{mkm}($ mercury orbital distance $)=246.1=\mathbf{2 4 3 . 2} \mathbf{~ m k m}($ error $1 \%)$
i.e.
we have 2 distances from Point $\mathbf{A}$ to Mercury $=\mathbf{2 4 3} \mathrm{mkm} \quad$ (error 1\%)
and $\quad$ from Point $\mathbf{A}$ to the sun $=304 \mathrm{mkm}$
where $304 \mathrm{mkm} \times \mathbf{0 . 8}=\mathbf{2 4 3} \mathrm{mkm}$
again
Uranus divides the distances into 2 distances with the rate 0.8
We remember
Jupiter orbital distance $\mathrm{x} \mathbf{0 . 8}=$ Jupiter Earth Distance
Why does Uranus do that?
Because Uranus defines The Sun Position In The Sky For The Other Planets
Uranus is the responsible to define the sun position for other planets
And for that reason Uranus divides the distances between the planets as we see in the distance between Jupiter and Mars (or Earth Jupiter Distance)

We may remember that,
The inner planet define their orbital circumferences relative to Jupiter position and not the sun (except Mars)
Mars defines its orbital circumference $=$ Saturn orbital distance , So Mars itself can't define the sun position in its orbital circumference - but Saturn can do that - so Mars depends on Saturn to define the sun in Mars orbital circumference

How does Saturn define the sun position? Because Saturn is relative to UranusSaturn is the middle point between Uranus and the sun - so
If Uranus defines the sun position - so Saturn does also depends on Uranus
Based on that
Mars depends on Saturn to define the sun position...
Have we any proof for that? Yes
Saturn orbital inclination =2.5 degrees! Why?
Because
(Mars velocity /Saturn velocity) $\mathbf{= 2 . 5}$
So, Mars Motion is installed with Saturn motion and when Mars finishes its orbital circumference Saturn will reach to the sun position guiding mars also.
Based on Mars definition for the sun, the 3 inner planets and Jupiter define the sun in their orbital circumferences..
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Equation No. (4)
$187 \mathrm{mkm} \times 0.8=149.6 \mathrm{mkm}$ (Earth orbital distance)
( $187 \mathrm{mkm} x \pi=589 \mathrm{mkm}$ )
To understand this equation we need some discussion
$\mathbf{5 0 0}$ seconds needs the light known velocity $(0.3 \mathrm{mkm} / \mathrm{sec})$ to pass 149.6 mkm and reach to Earth from the sun
$\mathbf{5 0 0}$ seconds needs the light with supposed velocity ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) to pass 589 mkm 589 mkm is the circumference of 187 mkm

Equation No. (12) tells that $149.6 \mathrm{mkm}=187 \mathrm{mkm} \times 0.8$
The question is
Why 187 mkm is important any how??
Because
The 4 inner planets orbital circumferences total $=3413 \mathrm{mkm}$ - Jupiter orbital circumference needs also 1433.5 to be added to 3413 mkm to produce 4900 mkm
Now
The inner planets orbit. Circumferences total $=3413 \mathrm{mkm}$
Why this number is important?
Because
$\mathrm{C}^{2}$ (for 1 second) $=90000 \mathrm{mkm}=86400 \mathrm{mkm}+\mathbf{3 4 1 3} \mathbf{~ m k m}+\mathbf{1 7 8} \mathbf{~ m k m}$
So $\mathbf{3 6 0 0} \mathbf{~ m k m}=\mathbf{3 4 1 3} \mathbf{~ m k m}+\mathbf{1 8 7} \mathbf{~ m k m}$

That means
187 mkm is so necessary to produce 90000 mkm to produce $\mathrm{c}^{2}$
And we know that the energy works in quantum which means without 187 mkm the value $c^{2}$ will never be produced
So
Earth orbital distance $(149.6 \mathrm{mkm})$ is created based on the distance 187 mkm by Uranus effect (0.8) -so the distance between Earth and the sun is defines based on 187 mkm ! Why?
Because the light uses 500 seconds (velocity $0.3 \mathrm{mkm} / \mathrm{sec}$ ) to reach to Earth and uses again the 500 seconds (velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ ) to produce $187 \mathrm{mkm} \mathrm{x} \pi$

Shortly
Earth position relative to the sun is defined based on Uranus Effect - which support our argument
But
Are all planets positions relative to the sun defined by Uranus effect? Let' answer in following...
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Equation No. (5)
$187 \mathrm{mkm} \times \pi=589 \mathrm{mkm}$
but
(i) $589 \mathrm{mkm} \quad=0.363 \mathrm{mkm} \times 1622.7 \mathrm{mkm}$
(ii) $589 \quad=$ (Venus rotation period / Jupiter rotation period)
(iii) 589.6 days $=\mathbf{2 4 3}$ days (Venus Rotation Period) $\mathbf{3 4 6 . 6}$ days (Nodal Year)

What did we learn from Equation No. 12
Earth Orbital Distance 149.6 mkm is defines based on the distance 187 mkm By Uranus Effect (0.8)
And the distance 187 mkm is created basically as $589 \mathrm{mkm}=187 \mathrm{mkm} \times \pi$
Now Let's see equation (i)
(i) $589 \mathrm{mkm} \quad=0.363 \mathrm{mkm} \times 1622.7 \mathrm{mkm}$
$\begin{array}{ll}1622.7 \mathrm{mkm} & =\text { Uranus Neptune Distance } \\ 0.363 \mathrm{mkm} & =\text { Earth Moon distance at Perigee Point }\end{array}$
That means - the distance 589 mkm defines both distances relative to each other and by that Perigee radius is created relative to Uranus Neptune Distance!

Now the distance 1622.7 mkm still has more secrets
$1622.7 \mathrm{mkm} \times \pi=5127 \mathrm{mkm}=$ Jupiter Pluto Distance
How to understand that?
The value 589 mkm defines Earth orbital distance (149.6mkm) through 187 mkm and Uranus effect but the value 589 mkm defines Perigee radius $(0.363 \mathrm{mkm})$ relative to Uranus Neptune Distance and Jupiter Pluto Distance is defines based on Uranus Neptune Distance....
(ii) $\mathbf{5 8 9}=($ Venus rotation period $/$ Jupiter rotation period $)$

This equation tells us why Venus has specific relationship with Jupiter - while the value 589 mkm defines Jupiter Pluto Distance - Venus uses this same value as time periods rate to connect just through the sun position
That means - Jupiter \& Venus defines (together) the sun position in their orbital circumferences depending on Uranus effect.
Now
Let's ask why Jupiter \& Venus have specific relationship?
Because
Jupiter \& Venus effect (together) on the sun creation process
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## Equation No. (6)

$216.4 \mathrm{mkm} \times 1.392 \mathrm{mkm}=304 \mathrm{mkm} \times 0.99$
Note please
$216.4 \mathrm{mkm} \times 3.1=670.4 \mathrm{mkm}$

## Where

216.4 mkm = Venus Orbital Diameter
1.392 mkm = The Sun Diameter
670.4 mkm = Venus Jupiter Distance
3.1 degrees $=$ Jupiter Axial Tilt

Equation No. 14 tells us why we use the distance 304 mkm
The sun diameter is created relative to Venus Orbital Diameter as a function of this distance

## Let's make this idea more clear

(a)
108.2 mkm (Venus Orbital Distance) $x 1.392 \mathrm{mkm}$ (the sun diameter) $=149.6 \mathrm{mkm}$ (Earth orbital distance)
(b)
108.2 mkm (Venus Orbital Distance) x0.384 mkm (Earth Moon orbital distance) $=$ $=41.4$ mkm (Venus Earth Distance)

## The Sun Diameter / Venus Diameter = 115

Mars axial tilt $=25.2$ degrees (horizontal) but $=115.2$ degrees $($ vertically $)$
Also
Saros shift angle $=115$ degrees
Also
Kepler $3^{\text {rd }}$ law table constant $=25$
(kepler law tells cubic distance divided by squared time = constant)
Venus Diameter has a specific relationship with the sun diameter Now
the sun diameter $=$ Jupiter diameter $\quad \mathrm{x} \pi^{2}$
and we know that
Saturn diameter $=$ Venus diameter $\quad \mathrm{x} \pi^{2}$
The previous data tries to explain the reason why a specific relationship is found between Jupiter and Venus - because the sun diameter data take into consideration their diameters values -by what mechanism? Still this is obscure but the data supports the claim just clearly- the next point can support this explanation
Earth Jupiter Distance is analyzed in the previous paper deeply

## Jupiter \& Venus Motions Interaction

https://vixra.org/abs/2003.0357
Or
https://www.academia.edu/42245073/Jupiter_And_Venus_Motions_Interaction
or
https://www.slideshare.net/Gergesfrancis/jupiter-and-venus-motions-interaction
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## 5- More Proves For Light Motions

(1)

## Why These Distances Are Equal?

(1)

Saturn Orbital Distance
= Saturn Uranus Distance
= Mars Orbital Circumference
= Pluto Neptune Distance
= Pluto eccentricity Distance
$=$ Neptune Orbital Distance/ $\pi$
= Uranus Orbital Distance / 2
= Mercury Jupiter Distance x 2
(2)

* Mercury Neptune Distance
* Mercury Saturn Distance
* Jupiter Pluto Distance
* Earth Neptune Distance
* Jupiter Uranus Distance
(3)
* Jupiter Mercury Distance
* Jupiter Venus Distance
* Jupiter Earth Distance
* Jupiter Mercury Distance
= Saturn Pluto Distance
= Neptune Orbital Circumference
= Uranus Neptune Circumference
= Mercury Saturn Circumference ( $0.5 \%$ )
= Jupiter Saturn Circumference (1.5\%)
$=2$ Mercury Orbital Circumference
= Venus Orbital Circumference
= Earth Orbital Circumference
$=$ Mars Orbital Distance $\mathrm{x} \pi$
(4)
* Jupiter Uranus Distance
* Uranus Pluto Distance
= Venus Jupiter Circumference
* Pluto Orbital Distance
$=$ Earth Orbital Circumference x $\pi$
$=$ Earth Orbital Circumference $\times 2 \pi$
(2)


## Why One Rate Controls These Equations?

Earth Daily Motion 2.58 mkm

1. Moon Orbital Circumference 2.41 mkm
2. $\frac{\text { Apogee orbital radius }(406000 \mathrm{~km})}{\text { Total Solar Eclipse radius }(378500 \mathrm{~km})}=1.0725$
3. $\frac{778.6 \mathrm{mkm} \text { Juppiter Orbital Distance }}{720.3 \mathrm{mkm} \text { Jupiter Mercury distance }}=1.0725$
4. $\frac{720.3 \mathrm{mkm} \text { Jupiter Mercury distance }}{670 \mathrm{mkm} \text { Jupiter Venus Distance }}=1.0725$
5. $\frac{670 \mathrm{mkm} \text { Jupiter Venus Distance }}{629 \mathrm{mkm} \text { Jupiter Earth Distance }}=1.0725$
6. $\frac{\text { Saturn Orbital Distance }(1433.5 \mathrm{mkm})}{\text { Sarurn Venus Distance }(1325.3 \mathrm{mkm})}=1.0725$
7. $\frac{\text { Saturn Earth Distance }(1284 \mathrm{mkm})}{\text { Sarurn Mars Distance }(1205.6 \mathrm{mkm})}=1.0725$

Sarurn Mars Distance ( 1205.6 mkm)
8. $\frac{\text { Uranus Orbital Distance }(2872.5 \mathrm{mkm})}{\text { Uranus Mars Distance }(2644 \mathrm{mkm})}=1.0725$
9. $\frac{\text { Jupiter Orbital Circumference }(4894 \mathrm{mkm})}{\text { Neptune Orbital Distance }(4495.1 \mathrm{mkm})}=1.0725$

## The Planets Axial Tilts Also Use This Same Rate!

## Planet Axial Tilt

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

## Discussion

How to explain the previous equation? Let's try to do that in following:
(I have claimed that - there are relativistic effects in the solar group and based on that - the rate 1.0725 is found as Length Contraction Effect Rate)

- Neptune Axial Tilt 28.3 degrees is the master value in this equation because Neptune reflected Jupiter energy toward the solar inner planets
- Neptune Axial Tilt 28.3 degrees will be contracted with the rate 1.0725 to produce 26.7 degrees (Saturn Axial Tilt) (and that may explain why Neptune orbital distance $=$ Saturn Orbital Distance $x \pi$ )


## Then

- Saturn Axial Tilt 26.7 degrees will be contracted by the same rate (1.0725) to produce 25.2 degrees (Mars Axial Tilt) (that may explain Why Mars Orbital Circumference $=$ Saturn Orbital Distance $=1433.5 \mathrm{mkm}$ )
Then
- Mars Axial Tilt 25.2 degrees will be contracted (1.0725) to produce 23.4 degrees (Earth Axial Tilt) (that explain Why Earth Orbital Distance $=$ Earth Mars Distance $x$ Mars Orbital Inclination)

For Relativistic Effects Discussion Please Review A Summary Of My Research -Part 3- (Relativistic Effects Discussion) http://vixra.org/abs/1907.0523

## A Conclusion

The Energy must be transported between these 4 planets axial tilts That means
These 4 axial tilts are created relative to each other and no planet data is created independently disproving the creation random process concept (disproving the big bang theory)

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