## The Sun Creation Reason And Effect (III)

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The Assumption Of S. Virgin Mary -Written in Cairo - Egypt -2 ${ }^{\text {nd }}$ May April 2020

## Abstract

The paper tries to answer the following questions

- Why the sun was created?
- Is There a light beam its velocity $=1.16 \mathrm{mkm} / \mathrm{sec}$


## 1- Introduction

## Paper Hypothesis

- The Solar system is created by a light beam its velocity $=1.16 \mathrm{mkm} / \mathrm{sec}$
- The planets were created before the sun creation - All planets had lives in that time
- The Sun is Created as a result of interactions done between Mercury with Uranus and Neptune in the same time... and by both planets effect Mercury pushed the Sun to be created...!


## In More Clear Explanation

- The light before Mercury has velocity $=1.16 \mathrm{mkm} / \mathrm{sec}$ - and Mercury splits this light beam into 2 parts one of them is the light known velocity $0.3 \mathrm{mkm} / \mathrm{sec}$ and the rest energy is seen as darkness (Space)!
- By That Mercury Caused To Create The Sun - i.e. Mercury main role in this process is to decrease the light velocity and caused to loss the great part of energy source in the solar system where only The rate $(0.3 / 1.16)$ of energy still be seen as light beam where the other great part became seen as darkness.
- Because Of The Sun Creation - Mars had migrated from its original orbital distance ( 84 mkm ) to its new one ( 227.9 mkm ) and Pluto also migrated from its original point to the solar system end point
Also As A Result Of The Sun Creation- the life is no longer available for all planets - but only on Earth because of the great changes the sun creation did - that explains Why Mars has features of ancient life - because all planets had lives in their ancient time before the sun creation but every thing is changed after


## 2- Methodology

I use The Planets Data Analysis Method to conclude the geometrical rules on which the planets data were created.
So - in my research - I provide usually questions as
(Why The Earth Circumference $=40080 \mathrm{Km}=$ The Inner Planet Diameters Total?)
Or ....(Why Earth Mass = The Inner (4) Other Planets Masses Total?)
Such questions aim to investigate if ...
$\left(1^{\text {st }}\right)$ The planets data is in consistency with the physics acceptable theories
$\left(2^{\text {nd }}\right)$ The Planets data is created dependently or independently from each other...
My try to discover The Solar System Geometry faces serious difficulties basically because of many historical questions still unanswered till now
For example... How The Matter Is Created? or What's The Space Definition?
Now progress we can do unless these questions find at end their correct answers and in this context - Lorentz Transformation provides a great help for our Try -
Again let's ask
Is Lorentz length Contraction Phenomenon a real phenomenon effect on the particle own nature, or it's just illusion of measurement? My answer is Lorentz length Contraction Phenomenon is a real phenomenon Why?
Because
$\left(1^{\text {st }}\right)$ Empirical results prove these features (length contraction- mass increasing)- and We need to protect the physical experimental measurements credibility- means we attribute any properties to any particle based on experimental results ....And
$\left(2^{\text {nd }}\right)$ If the particle real (and correct) data is found when this particle motion relative to $\mathrm{me}=$ zero, that means I'm The Universe Reference Point.
The next question is ready
Why Particle data (length and mass) can be changed with high velocity motion?

## How the matter is created?

Let's imagine we have 2 observers travel with light velocity ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) - how each one will see the other? No difference in velocity between their motions - so each observer will see the other as a matter (a Particle)
That's my situation - no difference in velocity between my motion and my computer motion - so if we both are in a spacecraft moves with light velocity nothing change The argument tells us that - Not all matters we see as matters still matters for all observers.

## Shortly

1- I compare between the planets data and the physics acceptable theories to see if there's a consistency between both
2- I compare between the planets data with each other to see if they are independent or dependent on each other..
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## 3- Mercury Effect On The Sun Creation

3-1- The Solar System Is One Building
3-2 Mercury Effect On The Sun Creation

## 3-1- The Solar System Is One Building

Let's provide the main idea here before to discuss the data - which can help our discussion process to be a clear as possible .....

- The Solar System Is One Building And Each Planet Is A Part Of It - imagine we have a triangle, rectangle or a pyramid ....etc it's one geometrical structureso any angle will be created relative to the other angles -
Similar to that
- Each planet is a part of the same one building (or one geometrical structure)- If the sun diameter $=28.3 \times$ Neptune Diameter that will cause Neptune axial tilt to be 28.3 degrees
- It's One Machine - as the train - moves with all carriages together - regardless the difference in velocities between the planets motions - where the machine of Gears has different gears and different velocity for each gear where the motion still is one motion transported from point to another
- It's one Trajectory of Energy and Each Planet is a point on it - because the Energy in stable case so each planet still be seen as planet before our eyes....
- As a strong muscle of a great animal (or monster) - strong as a rock - but how the rock is created? the muscle lives and be found by a blood motion behind the rock by energy cycle behind - the naïve direct vision tells no truth how the matter is created?
- It's a theater of puppets - all of them are connected together in one line and all of them move together by the geometrical force behind
- It's a great sea has canals and lakes - different vision for the same water - the same see and the same source -
- The energy helps perfectly our investigation - because the energy has different forms - and why? Why the same content is seen in food - oil - nuclear interaction- sun rays - ....etc? to see the energy in Matter ( $\mathrm{E}=\mathrm{mc}^{2}$ ) causes no confusion - to see the matters (planets) are separated from each other by space caused confusion and feeling that these matters must be separated and independent from each other - while the space connects them together in one body and not separate them from each other
- That's why any action of any planet can cause an effect on any other planet it's one body - when the creature leg be in pain can't eat - one body - one cycle - one life....


## 3-2 Mercury Effect On The Sun Creation

## I-Data

## Mercury Uranus Interaction

## Equation No. (1)

7 deg. (Mercury orbital inclination) $+0.25 \mathrm{deg} .=7.25 \mathrm{deg}$. (The sun Obliquity to ecliptic)
Equation No. (2)
7.25 deg. (Sun Obliquity to ecliptic) +63.7 deg. Sun North Pole of Declination $=71$ deg.

## Equation No. (3)

$97.8 \mathrm{deg}($ Uranus Axial Tilt $)=90 \mathrm{deg}+0.8 \mathrm{deg}($ Uranus orbital inclination $)+7 \mathrm{deg}$ (Mercury orbital inclination)

## Equation No. (4)

1.392 mkm (The Sun Diameter) $=$ Mercury Circumference x 90.8

But
$177.4 \mathrm{deg}($ Venus Axial Tilt) +3.4 deg $($ Venus Orbital Inclination $)=180.8$ degrees

## Mercury Neptune Interaction

## Equation No. (5)

7 deg (Mercury orbital inclination) / $1.8 \mathrm{deg}($ Neptune orbital inclination $)=(1.16 / 0.3)$
Equation No. (6)
1622.7 mkm (Uranus Neptune Distance) $=28 \times 57.9 \mathrm{mkm}$ (Mercury orbital distance) But
The sun diameter 1.392 mkm = Neptune Diameter x 28

## Mercury The Sun Interaction

Equation No. (7)
7.25 days $\times 12=87$ days (Mercury orbital period $=88$ days)

But
351.88 days ( 2 Mercury Days period) x $87=30589$ days (Uranus orbital period) And ..687days (Mars Orbital Period) x $87=58900$ days (Neptune orbital period)

## Uranus Neptune Interaction

## Equation No. (8)

1.8 deg . (Neptune orbital inclination) -0.8 deg . (Uranus orbital inclination) $=1 \mathrm{deg}$ (Mercury ancient axial tilt)
Equation No. (9)
1.8 deg. (Neptune orbital inclination) x 0.8 deg . (Uranus orbital inclination) $=1.44$ deg (The Earth Moon regresses 1.44 degrees monthly)

## II- Discussion

To understand how the previous data is created - we have to start with te Equation No. 5 which is the main point in this paper
Equation No. (5)
$7 \mathrm{deg}($ Mercury orbital inclination $) / 1.8 \mathrm{deg}$ (Neptune orbital inclination $)=(1.16 / 0.3)$

## $1.16 \mathbf{~ m k m} / \mathrm{sec}=$ a light beam with supposed velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ <br> $0.3 \mathrm{mkm} / \mathrm{sec}=$ The Light Known Velocity

Now - let's remember the story in following to see as deep as possible

- The Solar system is created by a light beam its velocity $=1.16 \mathrm{mkm} / \mathrm{sec}$
- The planets were created before the sun creation - All planets had lives in that time
- The Sun is Created as a result of interactions done between Mercury with Uranus and Neptune in the same time... and by both planets effect Mercury pushed the Sun to be created...!

Is that clear?!

- The light before Mercury has velocity $=1.16 \mathrm{mkm} / \mathrm{sec}$ - and Mercury splits this light beam into 2 parts one of them is the light known velocity $0.3 \mathrm{mkm} / \mathrm{sec}$ and the rest energy is seen as darkness!
- By That Mercury Caused To Create The Sun - i.e. Mercury main role in this process is to decrease the light velocity and caused to loss the great part of energy to be seen in darkness where the small part still bright as light beam ( $0.3 \mathrm{mkm} / \mathrm{sec}$ )
- This effect Mercury did by a direct interaction between Mercury and Neptune equation No. 5 shows what's happening....


## Equation No. (5)

7 deg (Mercury orbital inclination) / 1.8 deg (Neptune orbital inclination) $=(1.16 / 0.3)$
Mercury orbital inclination is interacted with Neptune orbital inclination and produced the rate 3.866 by which the great light beam ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) will spilt into the small light velocity $(0.3 \mathrm{mkm} / \mathrm{sec})$ and the rest will be seen as darkness...
We may call this process a coherence of light - which is done in the sun position before the sun creation.
Mercury had caused to loss the solar system great part of energy and Uranus will control every thing right now before the ship to go under water...

## Mercury Uranus Interaction

## Equation No. (1)

## 7 deg. (Mercury orbital inclination) $\mathbf{+} \mathbf{0 . 2 5}$ deg. $=7.25$ deg. (The sun Obliquity to ecliptic)

- The sun obliquity to ecliptic (7.25 degrees) is created based on Mercury Orbital Inclination ( 7 degrees) by Uranus effect....How?
- 0.8 degrees $=$ Mercury Orbital Inclination BUT Uranus uses the rate $(1 / 0.8)$ to effect on Mercury - so the result will be 1.25 degrees
Now
- 1.25 degrees -1 degree (Mercury Ancient Axial Tilt) $=0.25$ degree
- By that the sun Obliquity is created depending on Mercury orbital inclination because Mercury causes the sun creation- the sun see Mercury before any one of us


## PLEASE NOTE

## Equation No. (8)

1.8 deg. (Neptune orbital inclination) -0.8 deg. . (Uranus orbital inclination) $=1 \mathrm{deg}$ (Mercury ancient axial tilt)

- Equation No. (8) shows that - Mercury ancient axial tilt (=1 degree) is created by an interaction between Uranus \& Neptune with Mercury in the same time that explains how Equation No. (1) works - both planets effect on Mercury original data


## Equation No. (2)

7.25 deg. (Sun Obliquity to ecliptic) +63.7 deg. Sun North Pole of Declination $=71$ deg.
Equation No. 2 tells us that the Sun north pole of Declination is created automatically based on the previous angle ( 7.25 degrees)! Why? because their total should be 71 degrees! Why?
$5041=(71)^{2}$ where Mercury days needs 5040 seconds to be 176 solar days
71 mkm (or 71 degrees) is the available unit of energy - still the geometrical mechanism needs more depth but we can this number repeated in the solar system geometry frequently -
for example

- Earth moves during 27.3days (lunar sidereal month) a distance $=71 \mathrm{mkm}$
- Earth Moon moves during 29.53 days (Synodic month) a distance $=71 \mathrm{mkm}$ The basic difficulty in explanation is that the planet motion depends on light motion that should discuss in Point No. 4 of this paper to support its argument.


## Equation No. (3)

$97.8 \mathrm{deg}($ Uranus Axial Tilt) $=90 \mathrm{deg}+0.8 \mathrm{deg}$ (Uranus orbital inclination) $+7 \mathrm{deg}$ (Mercury orbital inclination)

Equation No. 3 tells how Uranus surrounds Mercury from all sides - Uranus axial tilt is created to be in consistency with Mercury orbital inclination - Just Uranus keeps its Position relative to Mercury - Uranus axial tilt is perpendicular on Mercury orbital inclination with Uranus orbital inclination....

## Equation No. (4)

### 1.392 mkm (The Sun Diameter) = Mercury Circumference x 90.8

Equation No. (4) provides a real help for our discussion
The sun diameter is created relative to Mercury Circumference - because Mercury is the sun creation reason - now the rate between both is $\mathbf{9 0 . 8}$

## And what's this 90.8?

It's Uranus orbital inclination ( 0.8 degrees) but because Uranus is perpendicular on Mercury - Uranus uses the Rate 90.8 to produce the sun diameter relative to Mercury Circumference....
This same situation is still seen in Venus Data- Because - Venus is the first (daughter) of Mercury - Mercury gives Venus all what has whether good or bad - and for that reason - Venus axial tilt was changed from 1.774 degrees to 177.4 degrees by Mercury axial tilt effect which is changed from 1 degree to 0.01 degree after the sun creation - for that reason - Venus is the Mercury store
The following equation shows that perfectly

## $\mathbf{1 7 7 . 4} \mathbf{~ d e g}$ (Venus Axial Tilt) $\mathbf{+ 3 . 4 ~ d e g}$ (Venus Orbital Inclination) = $\mathbf{1 8 0 . 8} \mathbf{~ d e g}$ What's 180.8 degrees??

Uranus orbital inclination $=0.8$ degrees
But Uranus is perpendicular on Mercury (and on Venus as a result) this value is seen as $=90.8$ degrees
But the sun is perpendicular on Mercury from the other side so $90.8+90=180.8 \mathrm{deg}$ Which Venus inherited automatically...

## Mercury Neptune Interaction

We have discussed Equation no. 5 which caused the sun to be created...
Equation No. (6)
1622.7 mkm (Uranus Neptune Distance) $=28 \times 57.9 \mathrm{mkm}$ (Mercury orbital distance)

But
The sun diameter $1.392 \mathrm{mkm}=$ Neptune Diameter x 28
Equation No. 6 tells that Neptune is more strong than Mercury and than the sun!
Because Neptune axial tilt 28.3 degrees is used as a rate in both equations tell that Neptune has its own power...

## Mercury The Sun Interaction

Equation No. (7)
7.25 days $\times 12=87$ days (Mercury orbital period $=88$ days)

But
351.88 days ( 2 Mercury Days period) $\times 87=30589$ days (Uranus orbital period)

And
687days (Mars Orbital Period) x $87=58900$ days (Neptune orbital period)
Equation No. 7 shows the Mercury defines its orbital period relative to both Uranus and Neptune - Mercury orbital period $=88$ days $=87$ days +1
1 day $=1$ degree $=1 \mathrm{mkm}-$ so this 1 day is Mercury ancient axial tilt still works spite the sun creation! How.... and why?

## Jupiter diameter = $\mathbf{1}$ million km / 7

Where
$1 \mathrm{mkm} \quad=1$ degree $=$ Mercury ancient axial tilt
7 degree $=$ Mercury orbital inclination
Because Jupiter diameter is created based on Mercury axial tilt - couldn't it to be perished so long Jupiter in life - Jupiter supports Uranus noble job to save the solar system and by that Jupiter forced Venus ancient axial tilt (1.774 degrees) to be (177.4 degrees) to save the energy lost from Mercury - Jupiter did that to save the solar system general energy and by that Jupiter could support Uranus Try to save the solar system....
In point No. (4) we will discuss widely the great effect of Jupiter on the inner planets to help Uranus correction of Mercury action...

## Uranus Neptune Interaction

Equation No. 8 we have discussed

## Equation No. (9)

1.8 deg. (Neptune orbital inclination) x 0.8 deg. (Uranus orbital inclination) $=1.44$ deg (The Earth Moon regresses 1.44 degrees monthly)

2 basic actions Uranus did to save the solar system
$\left(1^{\text {st }}\right)$ to help the Earth Moon Creation and defines its Motion orbit
$\left(2^{\text {nd }}\right)$ to help Saturn Creation which is the last plants created in the solar system and even Saturn is created after the Earth Moon creation ...

## Any way

There's no method to remove Neptune effect on Data because Mercury accept Neptune effect and no one can remove it after!
So
The Moon orbit is created by Uranus effect - spite of that - the Moon orbit regresses monthly 1.44 degrees by Uranus with Neptune Effect - So Metonic Cycle is born Now by both planets effect

This paper discussion can be seen as a scientific theme just if there are proves for the light beam with velocity $1.16 \mathrm{mkm} / \mathrm{sec}$
Can we prove that?
Is really there a light beam its velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ ?
Let's try to discuss that and see if there are qualified proves for this heavy claim...

## 4- Is There A light Beam Its Velocity 1.16 mkm/sec? (Proves)

4-1 Preface
4-2 The proves discussion

## 4-1- Preface

Let's summarize the idea in following:

- Many distances are created depending on a light beam (with supposed) Velocity $\mathbf{= 1 . 1 6 ~ m k m} / \mathrm{sec}$
i.e.
- Recorded Distances are created depending on recorded periods of time if these periods of time are used by a light beam its velocity $1.16 \mathrm{mkm} / \mathrm{sec}$
Now
- I provide the data with its discussion to evaluate if these distances are created relative to these periods of time by (Many Pure Coincidences) or these distances were created depending on light velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ - even if we can't observe it...
- This argument has specific significance basically because - it answers the main question- If We Consider The Universe Is Created Relative To Our 5 Senses Or If The Universe Has Its Own Power Beyond Our 5 Senses - in this case - The Planets Data Analysis Method will provide a new tool which can discover a part of the universe missed by our 5 senses.


## Note Please

- We interest here for the plot based on which how the distance is created- that means - The argument power is seen in the consistency between the data and the rate $1.16 \mathrm{mkm} / \mathrm{sec}$ - means - because the rate $1.16 \mathrm{mkm} / \mathrm{sec}$ is used frequently and in full consistency with the data we have to suppose that this velocity may be real.....for example imagine we in a class and the teachers explains "The Circle Geometry" so the frequent using of the rate $(\pi)$ can't be found by any pure coincidence - on the contrary - the whole Geometry lesson depends on the rate $(\pi)$ and without its geometrical meaning the whole lesson will be useless.

The explanation shows the goal behind - and so we may see the proves and start to discuss it....

## 4-2- The Proves Discussion

## I -Data

(1)

Mercury Orbital Distance $=57.9$ million $\mathrm{km}=50$ seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}$
(2)

Mercury Pluto Distance $=5848$ million $\mathrm{km}=5040$ seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}$
(3)

Jupiter orbital Circumference $=4900$ million $\mathrm{km}=4224$ seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}$
(4)

Jupiter Energy Analysis...
I -Discussion

## POINT NO. (1)

Mercury Orbital Distance $=\mathbf{5 7 . 9}$ million $\mathbf{k m}=\mathbf{5 0}$ seconds $\times \mathbf{1 . 1 6 ~ m k m} / \mathbf{s e c}$
The light supposed velocity ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) needs 50 seconds to pass from the sun to Mercury- What's the relationship between Mercury and the value 50 seconds? Mercury rotation period $=58.66$ days means 50 days (with error $1 \%$ )
We may remember the rule
Planet Motion For 1 Solar Day Depends On Light Motion For 1 Second

## POINT NO. (2)

Mercury Pluto Distance $=\mathbf{5 8 4 8}$ million $\mathbf{k m}=\mathbf{5 0 4 0}$ seconds $\times 1.16 \mathbf{m k m} / \mathrm{sec}$
(Mercury Day needs 5040 seconds to be 176 solar days)
What's the relationship between Mercury Day Period and Mercury Pluto Distance?!
Because
Pluto was The Mercury Moon and had to migrate with Mars Migration
That means - Mercury Pluto Distance is defined based on Mercury Day Period
Let's remember Mars \& Pluto Migration Theory in following ....
Please review
A Life Was Found On Mars
https://vixra.org/abs/2004.0706
The Moon Creation And Motion (III) https://vixra.org/abs/2004.0702

The Earth Moon is Older Than Saturn (II) https://vixra.org/abs/2004.0610

The Earth is Older Than The Sun
https://vixra.org/abs/2004.0553

## Mars Migration Theory Revision:

- Mars original orbital distance was 84 mkm . and Mars had migrated to 227.9 mkm
- Through Mars Motion from 84 mkm to 227.9 mkm , Mars had collided with Venus and then Mars had collided with Earth also.
- From the Collisions debris The Earth Moon was created -and Mars had found its moons. And the rest debris had attracted by Jupiter and created The Asteroid Belt
The Giant-Impact Hypothesis is in consistency with Mars migration theory
But Instead of the (Supposed Planet) Theia, Mars itself made the collisions.
Mars migration Theory solves The Giant-Impact Hypothesis difficulties:
I. Why Venus has No Moon? - Because Mars had migrated and moved from 84 mkm to 227.9 mkm and pushed all debris in its motion direction - far from Venus - So Venus had found no debris around to create its own Moon - But Earth has a greater Mass and the debris lost their motion high momentum at Earth Position- so Earth could attract some debris and create its moon
II. The Lunar Magma Ocean (LMO) Origin- is Venus - because the moon is created by 3 planets debris (Venus - Earth - Mars) - So their rocks are found in it
III. Why The Iron Oxide (Feo) of the Moon= (13\%)? Because The rate (13\%) is a middle between Mars rate ( $18 \%$ ) and the terrestrial mantle ( $8 \%$ ).
IV. Why Mars diameter (and Mass) are decreased through the history? Because of the collisions - Mars diameter lost around ( $4.1 \%$ ) (And Mars mass also which causes difficulties for Mars gravitation equation)
V. Mars migration is done Because of The Sun Creation Process
VI. Is there a possibility that Mars will return to its original point ( 84 mkm )? Yes
VII. Why? Because the Planet orbital distance is defined relative to its diameter (and Mass) Mars now is in the wrong Position- but forced to it because of the sun effect
Conclusion The Giant-impact hypothesis supports Mars migration Theory
NOTE Please


## VIII. Mars Had A Life When It Was In Its Original Orbital Distance Before The Sun Creation - But Mars Lost This Life Because Of Its Migration And That Explain Why There's Many Features Of Ancient Life Found On Mars

Now Let's provide a list concerning the changes happened in the solar system as result of the sun creation in following...

## Before The Sun Creation

The Solar Planets Order Was As Following

- Mercury (where Pluto was The Mercury Moon) - then Mars -then Venus - Then Earth- The Uranus - Then Neptune - Then Jupiter -
- The orbital distances of Mercury - Venus - Earth - aren't changed.
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## The Solar System Before Sun Creation

- Mercury Axial Tilt was 1 degree
- Mercury Day Period was 176 Solar Days
- Venus Axial Tilt was 1.774 degrees $\left(=\pi^{1 / 2}\right.$ degrees $)$
- Mars Orbital Distance was 84 mkm
- Pluto was The Mercury Moon
- Saturn Was Created After The Sun Creation


## The Solar System After The Sun Creation

- Mercury Axial Tilt becomes 0.01 degree
- Venus Axial Tilt received The lost value (from 1 to 0.01 ) - to save the inner planets energy - So Venus axial tilt changed from 1.774 deg to 177.4 deg
- Pluto had to move far from Mercury - with a distance $=57.9 \mathrm{mkm}$ (Mercury orbital distance) for each point (from 1 degrees to 0.01 degrees) -that forced Pluto to move far from Mercury with a distance $=(100 \times 57.9 \mathrm{mkm})=5906 \mathrm{mkm}$ Pluto orbital distance
- Mars had migrated from ( $\mathbf{8 4} \mathbf{~ m k m}$ ) to ( $\mathbf{2 2 7 . 9} \mathbf{~ m k m}$ )
- As a result of Mars Migration the Earth Moon was created.
- Mercury Day was decreased by 84 minutes $=5040$ seconds
- The inner Planets changes are recorded with Uranus Data
- Uranus hold the solar system to prevent its destruction-
- Uranus depended on Earth basically and Venus to save the solar system.
- Uranus caused Saturn to be created to help the solar system rescue.
- Saturn \& Jupiter unified their power to save the solar system.
- Uranus \& Earth Connection is the first basic connection to save the solar system and the next one is the relationship between Venus and Saturn.
- The Cycle 2737 years is a real cycle found to record the events.
- The planets data analysis shows that Uranus effects vertically on the solar system and Uranus by this effect prevent any overturn motion can be done by any planet and by that Uranus help to unify the planets general motion around the sun.
- Uranus Data Analysis shows that - there's a perpendicularity in the solar system motion - based on that we conclude - "The is on vertical line relative to Uranus means - There's 180 degrees between the sun and Uranus on the vertical level.


## Paper Contents

## 3- Mercury Effect On The Sun Creation

4- Is There A light Beam Its Velocity $1.16 \mathbf{m k m} / \mathrm{sec}$ ? (Proves)

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(4 ${ }^{\text {th }}$ proof) Planet Effect On Its Neighbor
( $5^{\text {th }}$ proof) Mar migration Motion Direction

## (1 $1^{\text {st }}$ proof) The Giant -Impact Hypothesis (The Geological proves)

As the paper abstract shows how Mars theory is in consistency with The GiantImpact hypothesis - also Mars migration theory answers many basic questions face the giant -impact hypothesis -as we have discussed-
Why Venus has no moon?
because Mars Motion was from the point ( 84 mkm ) to $(227.9 \mathrm{mkm})$ - so the direction of Motion is defined - and Mars Motion pushed all debris to move with Mars that made a wave pushed all debris far from Venus - So Venus Couldn't create a moon for it. then these debris lost their high motions momentum when reach to Earth position and because Earth mass is greater than Venus - Earth could attracted some debris and created from them its moon -
Mars Moons supports this description because Mars with small mass could attracted 2 moons - How?
Because the debris high momentum is lost already, and its motion became so weak even Mars could attracted its moons -
Also the rest debris was attracted by Jupiter and created The Asteroid Belt.

## Please review The Giant -Impact Hypothesis -

The Lunar Magma Ocean (LMO) Origin- is Venus -
This solution is so important, it solves a serious difficulty - as explained before
Now the question is why Mars had migrated when the sun is created? we have to discuss that later...

Why Mars original orbital distance was 84 mkm ?
Because the planet orbital distance depends on its diameter and mass - but the order is disturbed by Mars migration and we don't see it now - the planets order analysis we should discuss in the following point...
(2 ${ }^{\text {nd }}$ proof) The Planets Order Analysis
Mars migration theory is born basically based on the planets order analysis

## (Mercury - Venus - Earth)

This order of planets shows an order in planets diameters, masses and orbital distance - the order rule is

## A Greater Diameter Or Mass Needs A Greater Orbital Distance

If this order controls all planets so Mars should be the second planet after Mercury But -
(Jupiter - Saturn -Uranus - Neptune - Pluto)
the outer planets order shows that the rule depends on planet diameter (and not mass because Uranus Diameter is greater than Neptune but less Mass) and the rule is reversed from the previous one
i.e.

## A Greater Diameter Needs A Shorter Orbital Distance -

This analysis refers to that Mars may be found in a wrong position in the planets order and this wrong position causes a disturbance for the planets order - based on this analysis Mars migration theory can be concluded ... to get the correct answer we need to know if There's A Real Relationship Between Planet Diameter And Orbital Distance. -
( $3^{\text {rd }}$ proof) Mars migration Results
a- The Earth Moon Creation
b- Mars Moons Creation
c- The Asteroid Belt Creation
d- Mars diameter Decreasing (4.1\%)
e- Mars Mass Decreasing (4.1\%)
Simply we have a reason to answer Why Venus has no moon but Mars (mass $=1 / 13$ ) has 2 moons?!
The fact shows itself clearly - there were no debris around Venus to create a moon!
But Mars had!? Why? because of the Motion Direction
Mars had moved from the Point ( 84 mkm ) to the point ( 227.9 mkm ) from the sun and pushed all debris with it in the same motion direction - so no debris left around Venus - because all debris had moved with Mars in its Motion Direction

Now if we practice such event - what expectation we may conclude?
Mars Diameter (and Mass) must be decreased
i.e.

Mars Diameter (and Mass) must be decreased than their values when Mars was in its original orbital distance ( 84 mkm )
Can this conclusion be proved?
The gravitation Equation works only with Saturn and Jupiter Masses - where

$$
\frac{(\text { Saturn orbital distance })^{2}}{(\text { Jupiter orbital distance })^{2}}=\frac{\text { Jupiter Mass }}{\text { Satrun Mass }}=3.4
$$

If Mars Mass is increased by $4.1 \%$ the gravitation equation can work
$\frac{(\text { Mercury orbital distance } 57.9 \mathrm{mkm})^{2}}{(\text { Mars original orbital distance } 84 \mathrm{mkm})^{2}}=\frac{\text { Mars Mass } 0.668}{\text { Mercury Mass } 0.33}$
(Equation Error 3.4\%)

## Question (1)

## Why don't all planets follow the gravitation equation?!

Because of Mars migration which caused disturbance for the planets order Question (2)
Is there any proof that Mars Diameter is decreased by the same rate (4.1\%) Yes
Mercury orbital distance $57.9 \mathrm{mkm}=$ Mercury Diameter $4879 \mathrm{~km} \times 109^{2}$
Earth orbital distance $149.6 \mathrm{mkm} \quad=$ Earth Diameter $12756 \mathrm{~km} \times 109^{2}$
Satrun orbital distance $1433.5 \mathrm{mkm}=$ Satrun Diameter $120536 \mathrm{~km} \times 109^{2}$
Mars (org) orbital distance $84 \mathrm{mkm}=$ Mars (org) Diameter 7070km x $109^{2}$
(Mars Diameter 7070 km is increased than the Mars registered diameter 6792 km with 4.1\%)
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(4 ${ }^{\text {th }}$ proof) Planet Effect On Its Neighbor
Let's summarize the idea in following...

- I claim each planet effect on its neighbor planet data and motion
- I provide data shows such effect (for example Earth effects on Mars Motion)

So

- If we have found data claiming that - Mars Motion is effected by Mercury Data so this data may refer to that - Mars was a neighbor of Mercury


## I- Data

(1)

687 days $($ Mars orbital period $)=365.25$ days $($ Earth orbital period $) \quad$ x 1.9
687 days $($ Mars orbital period $)=27.3$ days $\quad($ The moon orbital period) $\quad$ x 25.2
But 25.2 degrees $=$ Mars axial tilt and 1.9 degrees $=$ Mars orbital incaution
Also $25.2 \mathrm{deg}($ Mars axial tilt and $)=(1.9 \mathrm{deg}$. Mars orbital incaution) x 13.18 deg .
Where
The moon motion degrees daily $=13.18$ degrees
We should not limit our discussion for just Data consistency - let's see its depth
Because
Mars moves per solar day $=0.524$ degrees ( $=360$ degrees /687 days)
The value 0.524 degrees $=(1 / 1.9)$ where 1.9 degrees $=$ Mars orbital incaution i.e.

Mars Data ( $25.2,1.9,0.524 \ldots$...tc) depends on the solar day period of time (2)

## 4331 days $($ Jupiter orbital period $)=687$ days $($ Mars orbital period) $\times 2 \pi$ II-Discussion

The previous data shows that Earth and moon on one side and Jupiter on the other side all of them effect on Mars orbital period (i.e. effect on Mars Motion)
More Data
Equation No. (1)

$$
\left(\frac{\text { Mercury Diameter }}{\text { Mars Diameter }}\right)^{2}=\frac{\text { Mars Mass }}{\text { Mercury Mass }}=0.524
$$

Equation No. (2)

$$
\frac{\text { Mars Orbital Period } 687 \text { days }}{\text { Mercury Day } 175.94 \text { days }}=\frac{\text { Mars Orbital Distance } 227.9 \mathrm{mkm}}{\text { Mercury Orbital Distance } 57.9 \mathrm{mkm}}=3.93
$$

Equation No. (3)
$\frac{\text { Mars Day } 24.7 \text { hours }}{\text { Earth Day } 24 \text { hours }}=\frac{\text { Earth Orbital Period } 365.25 \text { days }}{\text { Moon Synodic Year } 354.36 \text { days }}=1.029$

## Equation No. (5)

# 7 deg. (Mercury Orbital Inclination)= 1.9 deg. (Mars Orbital Inclination)+ 5.1 deg. (Earth Moon Orbital Inclination) 

## ( $5^{\text {th }}$ proof) Mar migration Motion Direction

Let's summarize the idea in following

- The solar system has one defined motion which is the planets revolution around the sun
- Mars Motion from ( 84 mkm ) to $(227.9 \mathrm{mkm})$ is a new direction of Motion is unknown in the solar system
- In this point I refer to another motion started from Jupiter to Pluto - and this motion is in the same direction of Mars migration Motion which makes Mars migration Motion is a defined motion in the solar system and not a unique one

Please review Jupiter Data Analysis in my previous paper

Please review
The Sun Creation Reason And Effect (II)
https://vixra.org/abs/2004.0534

The Earth is Older Than The Sun
https://vixra.org/abs/2004.0553
The Solar Planets Order Still Shows More Puzzles
https://vixra.org/abs/2004.0086

## POINT NO. (3)

Jupiter orbital Circumference $=4900$ million $\mathrm{km}=4224$ seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}$ (Mercury Day period $=4222.6$ hours) - the rest distances provides real puzzles

- 778.6 mkm (Jupiter Orbital Distance) $\quad=670$ seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}$
- 720.7 mkm (Mercury Jupiter Distance) $=627$ seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}$
- 627 mkm (Earth Jupiter Distance) $=540$ seconds $\times 1.16 \mathrm{mkm} / \mathrm{sec}$

Shortly the distances between Jupiter and the inner planets depend on this rate 1.16 $\mathrm{mkm} / \mathrm{sec}$ - while the distance value is used as a time period because we deal with light motions...(let's see more details in following)

## Point No. (3) (More Data And Discussion)

## I- Data

Let's remember the introduction data
a. Venus Jupiter distance $670.4 \mathrm{mkm}=$ Venus orbital circumference $680 \mathrm{mkm}(1.4 \%)$
b. Earth Jupiter distance $928 \mathrm{mkm}=$ Earth orbital circumference 940 mkm (1.3\%)
c. Mercury moves during its day period a distance $=720.7 \mathrm{mkm}=$ Mercury Jupiter distance. (no error)

## New Data

Equation No. (1)
$3413 \mathbf{m k m}=360 \mathrm{mkm}$ (Mercury) +680 mkm (Venus) +940 (Earth) mkm +1433 mkm Equation No. (2)
4900 mkm (Jupiter Orbital Circumference) $=3413 \mathrm{mkm}+\mathbf{1 4 3 3} \mathbf{~ m k m}$

## II- Discussion

The previous data we have discussed before - and this data is the reason why Venus Jupiter Relationship is so effective one
Equation No. 1
$3413 \mathrm{mkm}=$ The Inner Planets Orbital Circumferences Total
As the equation shows clearly- this idea we know perfectly
Equation No. 2
$4900 \mathrm{mkm}=$ Jupiter orbital circumference $=3413 \mathrm{mkm}+\mathbf{1 4 3 3} \mathbf{~ m k m}$
This equation we know also - it tells Jupiter Orbital Circumference is created depending on the inner planet orbital circumferences total
The mutual relationship is seen clearly- let's summarize it in following:
The distances between the inner planets and Jupiter $=$ these inner planets orbital circumferences - that means -the inner planets orbital circumferences are created as a result of Jupiter effect on these inner planets motions...
Now
Jupiter Orbital Circumference is created as the inner planets orbital circumferences total -
i.e. The orbital circumferences of these 5 planets (Jupiter \& the inner planets) are created by a mutual relationship between the inner planets and Jupiter.

The idea is clear but not trustee ......Why?

## Because

(1)

Venus during its orbital period ( 224.7 days) moves a distance $=680 \mathrm{mkm}=$ Venus Jupiter Distance $670.4 \mathrm{mkm}(1.4 \%)$ - so Venus almost supports the idea
(2)

Earth follows the rule as Venus perfectly but - the distance 928 mkm can be created only when Earth and Jupiter be at different sides from the sun that means - Earth orbital distance 149.6 mkm + Jupiter orbital distance $778.6 \mathrm{mkm}=928 \mathrm{mkm}$ which is equal 940 mkm (Earth orbital circumference) ( $1.3 \%$ )
(3)

But ..Mercury uses its day period (=2 Mercury orbital period)-and so Mercury doesn't follow perfectly the previous rule! The question is why Mercury day period =4222.6 hours $=2 \times$ Mercury Orbital Period?
(4)

## Mars

Mars moves during its orbital period ( 687 days) a distance $=1433 \mathrm{mkm}=$ Saturn Orbital Distance.
Spite Mars Orbital Distance 1433 mkm is used in Jupiter orbital circumference definition ( 2 times), but Mars Orbital Distance isn't defined by the distance between Mars And Jupiter!

## A Deep Discussion

Let's summarize the idea clearly

- By some way Jupiter effect on 3 inner planets to make them create their orbital circumferences $=$ their distances to Jupiter (Approximately)
- Mars orbit circumference is defined by Saturn effect
- Jupiter Orbital Circumference is created depends on the inner planets orbital circumferences total
- So, There's A Mutual Relationship between Jupiter and these 3 inner planets (Mercury, Venus and Earth)
The idea is clear .... We have only 2 questions
- $\mathbf{1}^{\text {st }}$ Question / How Jupiter effect on the 3 inner planets orbital circumferences?
- $\mathbf{2}^{\text {nd }}$ Question / Why Mars orbital circumference is exceptional? Spite of that still works as a partner in Jupiter orbital circumference (even with double values of Mars Orbital Circumferences)?
Let's answer the first question in the next point...
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## Jupiter Creates The 3 Planets Distances

## I- Data

Equation No. (3)
Light with velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ during ( 4224 seconds) passes a distance $=4900$ mkm = Jupiter orbital circumference (But Mercury Day Period =4222.6 hours)
Equation No. (4)
$4224 \mathrm{mkm}=2 \pi \times 670.4 \mathrm{mkm}$ (Venus Jupiter Distance)
Equation No. (5)
$(5040$ seconds $/ 4224$ seconds $)=(778.6 \mathrm{mkm} / 149.6 \mathrm{mkm})$
Where
Mercury Day Period needs 5040 seconds to be 176 days
And
$788.6 \mathrm{mkm}=$ Jupiter Orbital Distance $\quad 149.6 \mathrm{mkm}=$ Earth Orbital Distance Equation No. (6)
4331 days $($ Jupiter Orbital Period) $=4224 \times 24.6$ hours $($ Mars rotation Period $)$
II- Discussion
Equation No. (3)
This equation tells us a light passes Jupiter orbital circumference in 4224 seconds that creates the relationship between Jupiter and the inner planets -
Simply a light beam is sent from Jupiter to the inner planets and this light beam (energy) creates this effect of Jupiter on the inner planets
Simply this effect is seen in The Value 4224 Seconds
This value is seen in different forms in the solar planets - means - it's seen in time period or distance value - because we deal with light motion ( high velocity motion) and because of that the value $\mathbf{4 2 2 4}$ is seen in different forms in the inner planets and these different forms causes the change in the rule (the inner planet define its orbital circumference to be equal its distance to Jupiter) - this rule isn't followed perfectly by the 3inner planets in the form because each planet receive the $\underline{4224}$ in different form.
So
Mercury sees the value $\underline{4224}$ as 4222.6 hours (Mercury Day Period)
Venus sees the value 4224 as 4224 mkm ( $=2 \pi \times 670.4 \mathrm{mkm}$ Venus Jupiter Distance)
Earth sees the value $\underline{\mathbf{4 2 2 4}}$ as 4224 seconds in the following equation
Equation No. (5)
$(5040$ seconds $/ 4224$ seconds $)=(778.6 \mathrm{mkm} / 149.6 \mathrm{mkm})$
So, Earth orbital distance is created relative to Jupiter orbital distance based on the rate between 5040 seconds and the value 4224 seconds -
And based on both orbital distances - the distance between Earth and Jupiter is created $928 \mathrm{mkm}=778.6 \mathrm{mkm}+149.6 \mathrm{mkm}$
Equation No. (6)
4331 days $($ Jupiter Orbital Period $)=4224 \times 24.6$ hours (Mars rotation Period)
Note please
4331 days $($ Jupiter Orbital Period $)=687$ days $($ Mars orbital Period $) \times 2 \pi$

Equation No. 6 tells, Jupiter Value (4224) can't effect on Mars Orbital Circumference ( 1433.5 mkm ) because Mars Orbital Circumference $=$ Saturn Orbital Distance - and that means - Saturn effects on Mars Orbital Circumference - but still the value 4224 effects on Mars data through its Mars rotation period - and based on this effect some dependency is created between Mars \& Jupiter Orbital Periods

## Please Note

Mercury and Mars deal with the value 4224 as a period of time - but Venus deals with this same value 4224 as a distance value - and Earth deals with this same value 4224 as a rate with another value ( 5040 seconds) ( 5040 seconds is required to make Mercury Day Period $=176$ solar days)

## A Conclusion <br> Jupiter Practices Some Effect On All Inner Planets By The Value 4224 - And Through This Effect - 3 Planets Orbital Circumferences Are Created To Be Equal These Planet Distances To Jupiter.

## But

By what energy these 3inner planets were created? Because
We have concluded frequently before that...
The 3 planets circumferences (Mercury, Venus \& Earth) must be created by the Energy reflected by Neptune into 2 Trajectories of energy - each one contains ( 86400 mkm ) (this question we should deal in Point No. 4 of this paper 'Jupiter Energy")

So for now we will accept the following Conclusions

## The Conclusions

(1)

These 3 inner planets circumferences are created by this light beam whose velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ travels for 4224 seconds, And because of that - the 3 planets define their orbital circumferences to be equal their distances to Jupiter -
(2)

Jupiter Orbital Circumference Is Created depends On The Inner Planets Orbital Circumferences.
(3)
i.e.

There's A Mutual Effect Between The Inner Planets \& Jupiter

## POINT NO. (4)

## Jupiter Energy Analysis...

## The Story

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

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
(8)

Simply -
The distances values analysis force us to accept that a velocity of $1.16 \mathrm{mkm} / \mathrm{sec}$ must be found behind these distances creation -let's analyze and discuss that deeply as possible in following:

## Jupiter Energy Analysis

(Equation No. a)
(Pluto Orbital Circumference-Jupiter Orbital Circumference) $\mathbf{x} \mathbf{2} \boldsymbol{\pi}=\mathbf{2 0 2 5 8 4 m k m}$ $1.16 \mathrm{mkm} / \mathrm{sec} \mathrm{x} 2 \mathrm{x} \quad \mathbf{8 6 4 0 0}$ seconds $\mathbf{= 2 0 2 5 8 4 m k m}$ (Equation No. b)

## 202584 mkm =

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

(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) $\mathbf{x} \boldsymbol{2} \boldsymbol{\pi}=\mathbf{2 0 2 5 8 4 m k m}$ Jupiter \& Pluto Orbital Circumferences Difference x $2 \boldsymbol{\pi}=202584 \mathrm{mkm}$
Also
Light with velocity $1.16 \mathbf{m k m} / \mathrm{s}$ during 2 solar days passes a distance $\mathbf{=} \mathbf{2 0 2 5 8 4} \mathbf{m k m}$

## 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 $=\mathbf{2} \mathbf{x} \mathbf{8 6 4 0 0} \mathbf{~ m k m}$

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 $\boldsymbol{\pi}=\mathbf{8 6 4 0 0} \mathbf{~ m k m}$
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 $\mathbf{x} \mathbf{2 \pi}$
(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 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 $50.3 \times$ 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


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

2. $\frac{720.3 \mathrm{mkm} \text { Jupiter Mercury distance }}{670 \mathrm{mkm} \text { Jupiter Venus Distance }}=1.0725$
3. $\frac{670 \mathrm{mkm} \text { Jupiter Venus Distance }}{629 \mathrm{mkm} \text { Jupiter Earth Distance }}=1.0725$

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