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## Uranus Effect On Mars Migration (III)

The Assumption Of S. Virgin Mary -Written in Cairo - Egypt -19 ${ }^{\text {th }}$ April 2020

## Paper Hypotheses

1- The Planets were found before The Sun Creation.
2- Great changes had happened as results of The Sun Creation
3- These changes show Uranus effect on the inner planets
4- The Cycle 2737 years is produced resulting the Sun Creation
5- The Great changes are:
a. Mercury Day Is Changed From 176 Days To Be 175.94 Days
b. Venus Axial Tilt is changed from 1.774 degrees to 177.4 degrees
c. Pluto had to migrate far from Mercury 100 times ( 5906 mkm )
d. Mars had to migrate from its original orbital distance ( 84 mkm ) to its current one ( 227.9 mkm ) (Mars Migration Theory)
Mars Migration Theory Revision:

- Mars original orbital distance was 84 mkm . and Mars had migrated from it to its current orbital distance 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- and caused the Earth -Moon Creation - through Mars Motion from ( 84 mkm ) to ( 227.9 mkm )
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

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4 IV. Why Mars diameter (and Mass) are decreased through the history? Because Mass) Mars now is in the wrong Position- but forced to it because of the sun effect Conclusion
(1) The Giant-impact hypothesis supports Mars migration Theory
(2) Uranus effect vertically on the solar system - by Uranus effect on the planets axial tilt vertically - 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.

## Paper Objectives:

( $1^{\text {st }}$ Objective) :
This paper tries to prove Uranus Effect On Mercury Motion
( $2^{\text {nd }}$ Objective) :
The paper proves that - The Solar System is One Geometrical Structure - i.e. the planets are not separated points from each other but they are (as) members in the same creature body and because of that each planet data is created relative to other planets data.
Based on that - Mars Migration Event - is recorded in many planets data
And also
Based on that - The paper concludes- Pluto was The Mercury Moon
( ${ }^{\text {rd }}$ Objective) :
The Paper basic argument tries to prove that
The planet motion depends on light motion.
Paper Basic Conclusion
There's a light velocity $\mathbf{= 1 . 1 6}$ million $\mathbf{k m}$ per second
Paper Contents:
1- Introduction
2- Methodology
3- Mars Migration Proves Revision (5 Proves)
4- Uranus Effect On The Inner Planets
5- The Cycle 2737 Analysis

## 1- Introduction

Mars Migration Theory is a part of greater story - let's provide it here to make the picture as clear as possible:

- Our Earth is older than the sun - so I record her the period which our Earth lived during before the sun creation....


## Before The 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
- Neither Neptune Nor Saturn were found in that Period
- Planets order was (Pluto \& Mercury -Mars -Venus -Earth -Uranus-Jupiter)

Then Mercury did some thing - Mercury action lead to Create the Sun

## After The Sun Creation

- Mercury Axial Tilt becomes 0.01 degree
- Venus Axial Tilt received Mercury axial tilt lost value (from 1 to 0.01 ) - to save the inner planets energy - because of that Venus axial tilt became 177.4 degrees.
- Pluto had to move far from Mercury - Pluto moved 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 $=(100 \times 57.9 \mathrm{mkm})=5906$ 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 - where Mercury Day Period recorded the event.
- The inner Planets changes show clearly that these changes are recorded with Uranus Data
- Uranus hold the solar system to prevent its destruction-
- Uranus depends on Earth basically to save the solar system and Uranus depends also on Venus as a helper for Earth.
- Uranus effect on the inner planets to create the required changes to save the solar system
- Uranus caused Saturn \& Neptune to be born 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.
- Uranus is the heaven Governor because Uranus effect vertically on the solar system - by Uranus effect on the planets axial tilt vertically - 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.


## 2- Methodology

## How the matter is created?

Who can imagine that, the planet motion depends on light motion?! but what's the planet? What's the matter? What's a rock you find on a road? How to create a matter?
Lorentz Transformations is my basic help in this discussion - again
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?
Now we can see that - the paper discussion is a serious one
How can the planet motion depend on light motion? this hard question can be answered easily if we know how the matter is created? let's deepen our puzzle
2 observers travel with light velocity - 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 will change we both still matters
The argument tells us that - what we see as matter may be works relative to another observer as a light beam - so if the light travels in front of the planet and the planet follows this light beam motion - this idea is no longer be considered as a mystery

## Methodology

How the previous discussion can explain the research methodology?
I use the planets data analysis to conclude the geometrical rules on which the solar system is created far from the daily experiences.

## Shortly

I use the planets data analysis to discover the geometrical and physical rules on which the planets were created - Specifically-
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..

[^0]
## 3- Mars migration Proves Revision (5 Proves)

(1 ${ }^{\text {st }}$ proof) The Giant -Impact Hypothesis (The Geological Proves)<br>(2 $2^{\text {nd }}$ proof) The Planets Order Analysis

( $\mathbf{3}^{\text {rd }}$ proof) Mars migration Results
a- The Earth Moon Creation
b- Mars Moons Creation
c- Mars Diameter (and Mass) decreasing
d- The Asteroid Belt Creation
(4 ${ }^{\text {th }}$ proof) Planet Effect On Its Neighbor
( $5^{\text {th }}$ proof) Mar migration Motion Direction
( $\mathbf{1}^{\text {st }}$ 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 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...
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11 (Jupiter - Saturn -Uranus - Neptune - Pluto)
Mars migration theory is born basically based on the planets order analysis

## (Mercury - Venus - Earth)

 - the order rule is
## A Greater Diameter Or Mass Needs A Greater Orbital Distance

But reversed from the previous one
i.e.

## A Greater Diameter Needs A Shorter Orbital Distance -

 Orbital Distance. -This order of planets shows an order in planets diameters, masses and orbital distance

If this order controls all planets so Mars should be the second planet after Mercury -
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

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
( $3^{\text {rd }}$ 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

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

## If Mars Mass is increased by $\mathbf{4 . 1 \%}$ 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 $57.9 \mathrm{mkm} \quad=$ Mercury Diameter 4879 km x $109^{2}$ Earth orbital distance $149.6 \mathrm{mkm}=$ 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\%)

[^1]So
(1) i.e.
(2)
(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)
- 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

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) $\quad 25.2$
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

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

## 4331 days (Jupiter orbital period) = 687 days (Mars orbital period) $\mathbf{x} \mathbf{2} \pi$

## 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 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
The Giant-impact hypothesis supports,, Mars Immigration Theory,, (III)
https://vixra.org/abs/2003.0521
Also
Can Titius Bode Law Disprove Mars Immigration Theory?
https://vixra.org/abs/2004.0292
Does Mars Effect on the Earth Moon Motion?
https://vixra.org/abs/2004.0264

Can we explain the solar Planets Order?
The Solar Planets Order Still Shows More Puzzles
https://vixra.org/abs/2004.0086

## 4- Uranus Effect On The Inner Planets

## 4-1 Preface

## 4-2 Uranus effect on Mercury Data

4-3 Uranus depended on Earth to save the solar system
4-4 Mercury Day Period recorded the Events

## 4-1 Preface

Mars Migration Theory Proves is a good approach for the paper story
Any way the paper introduction provides great changes occurred in the solar system And Planets Data as results of The Sun Creation Process - How to prove these changes occurrence?
These changes are connected together as one chain -as in the Dominoes lines - one Dominoes piece is pushed to drop and then the whole line will drop as a result That's why we can conclude all these events- So what we will do? We will discover The First Basic Change and move with this change point after point to see how the events were occurred...

This preface is consisted from 2 items
( $1^{\text {st }}$ Item) here, we remember the solar system changes as results of the sun creation
( $2^{\text {nd }}$ Item) here, we will define the basic change which caused the others

## ( $1^{\text {st }}$ Item) The Solar System Changes As Results Of The Sun Creation

## Before The Sun Creation

- Mercury Axial Tilt was 1 degree
- Mercury Day Period was 176 solar days
- Venus Axial Tilt was 1.774 degrees ( $=\pi^{1 / 2}$ degrees)
- Mars Orbital Distance was 84 mkm
- Pluto was The Mercury Moon
- Neither Neptune Nor Saturn were found in that Period
- Planets order was (Pluto \& Mercury -Mars -Venus -Earth -Uranus-Jupiter)

Then Mercury did some thing - Mercury action lead to Create the Sun

## After The Sun Creation

- Mercury Axial Tilt becomes 0.01 degree
- Venus Axial Tilt received Mercury axial tilt lost value (from 1 to 0.01 ) - to save the inner planets energy - because of that Venus axial tilt became 177.4 degrees.
- Pluto had to move far from Mercury - Pluto moved 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 $=(100 \times 57.9 \mathrm{mkm})=5906$ mkm Pluto orbital distance
- Mars had migrated from ( $84 \mathbf{m k m}$ ) 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 - where Mercury Day Period recorded the event.
- The inner Planets changes show clearly that these changes are recorded with Uranus Data
- Uranus hold the solar system to prevent its destruction-
- Uranus depends on Earth basically to save the solar system and Uranus depends also on Venus as a helper for Earth.
- Uranus effect on the inner planets to create the required changes to save the solar system
- Uranus caused Saturn \& Neptune to be born 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.

Uranus is the heaven Governor because Uranus effect vertically on the solar system by Uranus effect on the planets axial tilt vertically - 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.

## (2 ${ }^{\text {nd }}$ Item) We Try To Define The Basic Change.

The basic Change is Mercury Axial Tilt change from 1 degree to 0.01 degrees Based on it

- Venus axial Tilt changes from1.774 degrees to 177.4 degrees
- Pluto orbital distance had to change with the rate 100 (from 1 to 0.01 ) - one orbital distance ( 57.9 mkm ) for each 1 point (as a result Pluto orbital distance $=5906 \mathrm{mkm}$ )
- Because Pluto was The Mercury Moon and has the same orbital distance

But

- This was not the first change in the solar system-
- There's one more basic change -

Let's discover it in the following point

1 4-2 Uranus effect on Mercury Data
I- Data
3 (1)
$4 \quad 18055 \mathrm{mkm}$ (Uranus Orbital Distance) $=80 \times 227.9 \mathrm{mkm}$ (Mars Orbital Distance)
$790000 \mathrm{mkm}=2872.5 \mathrm{mkm}$ (Uranus orbital distance) $\times \pi^{3}$
$1090000 \mathrm{mkm}=80.4 \mathrm{x} 1120$
(6)
$19 \quad 97.8-90.8=7$ but $97.8=90+7.8$
$2737 \mathrm{mkm}=80 \times 2 \times 17.2 \mathrm{mkm}$
(9)
180.8 degrees $=177.4$ degrees $($ Venus Axial Tilt $)+3.4$ degrees $($ Venus Orbital inclination)
(10)
$180 \mathrm{mkm} \quad \mathrm{x} \quad 0.8 \quad=144 \mathrm{mkm}$
$144 \mathrm{mkm} \quad \mathrm{x} \quad 0.8=115.2 \mathrm{mkm}$
$778.6 \mathrm{mkm} \quad \mathrm{x} \quad 0.8 \quad=627 \mathrm{mkm}$
$2644.6 \mathrm{mkm} \mathrm{x} \quad 0.8=2094 \mathrm{mkm}$
$187 \mathrm{mkm} \quad \mathrm{x} \quad 0.8 \quad=149.6 \mathrm{mkm}$
$1622.6 \mathrm{mkm} \mathrm{x} \quad 0.8=1284 \mathrm{mkm}$
$304 \mathrm{mkm} \quad \mathrm{x} \quad 0.8=243 \mathrm{mkm}$
Velocities
Uranus Velocity x $0.8=$ Neptune Velocity
Earth Velocity x0.8 = Mars Velocity (1\%)
Venus Velocity x $0.8=$ The Earth Moon Velocity (11)

41 Uranus Mass - Earth Mass $=80.8 \times 10^{24} \mathrm{~kg}$
42 (12)
43 (Venus mass $/$ Earth Mass) $=0.81$ but (Earth mass $/$ Earth Moon Mass) $=81$
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## I- Discussion

## Equation No. (1)

18055 mkm (Uranus Orbital Distance) $=80 \times 227.9 \mathrm{mkm}$ (Mars Orbital Distance) How to understand this Equation?

- Mercury Axial Tilt was 1 degree and became 0.01 degrees - Mercury lost 100 point- Why?
- Mars had to move from its original ( 84 mkm ) to its current ( 227.9 mkm )
- Equation No. 1 tells that Uranus forced Mars to have the orbital distance (227.9 mkm ) - Uranus connected his own orbital circumference with Mars (current) orbital distance ( 227.9 mkm ) by the rate 80
- But Uranus orbital inclination $=0.8$ degrees - from where Uranus brought this 100 to use it's orbital inclination ( 0.8 ) with this 100 and produce the rate 80 ?? From Mercury...
- It's Mercury axial tilt- it's the judgment - Mercury is bleeding and Uranus used its blood to correct the mistake Mercury did


## What does equation No. 1 tell us?

Uranus corrected the action did by Mercury and for that Uranus used the rate 100 to create Mars (current) orbital distance based on Uranus Orbital Circumference -

## Equation No. (1)

18055 mkm (Uranus Orbital Distance) $=80 \times 227.9 \mathrm{mkm}$ (Mars Orbital Distance)
Again.... Why I provide strange ideas?
Because I consider the solar system is one body or one building- or one machine no any such conclusion we can reach if we consider the solar planets as separated points from each other - as cars move in a track - by this vision nothing we can conclude from the planets data
just because of the new vision -that - the solar system is one body and each planet is a member in this same body - based on that- we can conclude any planet effect on the other planets

## The Question Is

Why this vision is the correct one? because the planets data supports us - for example the rate 0.8 - as we see controls 16 distances in the solar system and 6 planets velocities- and this list is not completed yet -

## Why all these data are rated to each other by the same rate $0.8 ? ?$

Pure Coincidence is so bad answer and prevent us from any real progress in the solar system understanding- There's a geometrical reason behind which forced the data to be rated by this same rate 0.8 - because of that we find this rate 0.8 is used frequently Let's see deeply as possible what we try to do in this research?
I analyze the planets data and try to conclude how this data is created and why created by this value? why Mars current orbital distance $=227.9 \mathrm{mkm}$ why not 270
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mkm? it's not the masses gravity where Jupiter (the greatest mass) has farther orbital distance - so the planets masses isn't the reason - so for what reason Mars has this distance 227.9 mkm ?

Such analysis works as approach only - we don't conclude any imaginary ideas we try just to explain how the data is created - so - the conclusion that- Uranus orbital inclination interacted with Mercury axial tilt to produce the rate 80 to enable Mars to migrate to its new (current) orbital distance 227.9 mkm based on Uranus orbital circumference $(18055 \mathrm{mkm})$ - This conclusion till now is just an imaginary idea and we need to prove that, it's correct and fact - for that reason we may pass by the 2 equations No. (2) \& (3) in following...
Equation No. (2)
$90000 \mathrm{mkm}=2872.5 \mathrm{mkm}$ (Uranus orbital distance) $\times \boldsymbol{\pi}^{\mathbf{3}}$
We know this equation perfectly $-90000 \mathrm{mkm}=\mathrm{C}^{2}$ if the time $=1$ second
So the sun rays are created from $\mathrm{C}^{2}$ which is the source of energy - the sun doesn't see 90000 mkm but see only $\mathrm{C}^{2}$ - on the other side Uranus doesn't see the value $\mathrm{C}^{2}$ but see 90000 mkm and create its orbital distance ( 2872.5 mkm ) based on this value 90000 mkm - so the sun creation is done with a distance - its length=2872.5 mkm and on this distance there are 2 points (The Sun And Uranus) - this feature is a unique one for Uranus and no other planet enjoys it
Equation No. (3)

$$
90000 \mathrm{mkm}=80.4 \times 1120
$$

( 80 is our discussion value but do we remember the value 1120) -we have discussed it in the previous paper - let's refer to it in summarize note in following
Data
(1)

30589 days $($ Uranus orbital period)= 27.3 days $($ Earth Moon orbital period) x 1120 (2)
113.45 deg (Earth axial tilt on vertical level) $\times \pi^{2}=\mathbf{1 1 2 0}$
(3)

687 days $($ Mars orbital period $)=27.3$ days $($ Earth Moon orbital period $) \times 25.2$
(25.2 deg = Mars axial tilt)

## Discussion

Based on the 3 previous equations I have claimed that- the Cycle 27.3 days is an essential cycle in the solar system and created by Uranus itself! Now Uranus forced Mars to control its motion by this Cycle 27.3 days and Uranus did that through using Earth axial tilt 113.45 degrees vertically (means 90 deg +23.45 deg Earth Axial Tilt)

This data is discussed with full details in the previous paper - Please review

## Uranus Effect On Mars Migration https://vixra.org/abs/2004.0421

Now let's discuss that in more deep vision in following

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The Deep Discussion
Equation No. (4)
1407.6 days $=8 \times 175.94$ days (Mercury Day Period)

Equation No. (5)
$90000 \mathrm{mkm}=4.095 \mathrm{mkm} /$ day (Mercury Velocity Daily) $\mathbf{x} \mathbf{8} 2737$ days
Equation No. (4)
1407.6 days $=8 \times 175.94$ days (Mercury Day Period)

This equation we have seen before - Mercury Rotation period $=1407.6$ hours - Now Mercury Day Period multiply with 8 produce 1407.6 days
the numbers are very similar - how to explain that?!
to explain this equation -I have supposed that -Mercury has a different rate of time how?? Mercury uses 8 units if its day period (175.94 solar days) to produce 1407.6 days and Mercury uses this value as 1407.6 hours!!!
how that?
175.94 solar days for our time - but mercury see this as 175.94 hours- different rate of time - so mercury uses this equation to produce his data depending on each other with different rate of time
this story is so complex -and we will not discuss it here now -
so what we want from this equation...?
we want to know why Mercury uses the rate 8 between its day period and its rotation period?! why the rate 8??!

Let's summarize the idea in following

- During Mercury Day ( 175.94 solar days) Mercury move a distance $=720.7 \mathrm{mkm}=$ Mercury Jupiter Distance - now we need a period $=2$ Mercury days ( $=351.88$ solar days) to enable Mercury moves a distance $=720.7 \mathrm{mkm} \times 2$ - and why we need the double value - Because Mercury Jupiter Distance is found 2 times during the full revolution (360 degrees)


## But

- Mercury Jupiter Distance $=0.5$ Saturn orbital distance
and
- Saturn orbital distance $=0.5$ Uranus Orbital distance
so to make the full revolution by Uranus $=$ we need 8 mercury days $=1407.6$ solar days -
during 1407.6 Mercury moves a distance $=5764.12 \mathrm{mkm}=2 \mathrm{x}$ Uranus orbital
distance $=$ Uranus orbital diameter
that means
during 8 units of Mercury days ( $=1407.6$ solar days) Mercury moves a distance $=$ Uranus orbital diameter
a clear relationship between Mercury Motion and Uranus orbital distance is found based on the rate 8
so this data support the same claim

Equation No. (6)

## 97.8 deg. (Uranus Axial Tilt) - 90.8 deg $=7$ deg (Mercury orbital inclination) BUT 97.8 degrees $=90$ degrees +7.8

Equation No. 6 is known also
let's move step by step
Uranus is perpendicular on the inner planets as we have discussed frequently before Now let's discuss part (1) of the equation
97.8 deg. (Uranus Axial Tilt) - 90.8 = 7 deg (Mercury orbital inclination) What's 90.8 degrees?
It's Uranus orbital inclination 0.8 degrees +90 degrees $=90.8$ degrees (Vertically) Uranus effects vertically on the inner planets - what does mean (vertically)? means - Uranus is perpendicular on the inner planets -the perpendicularity is seen in different data....
this equation shows that
97.8 deg. (Uranus Axial Tilt) - 90.8 = 7 deg (Mercury orbital inclination) The equation tells
Mercury orbital inclination is created by effect from Uranus axial tilt and Uranus orbital inclination - the equation is so clear
now part (2) provides the same meaning
97.8 degrees (Uranus Axial Tilt) $=90$ degrees $\boldsymbol{+} \mathbf{7 . 8}$ degrees what's this 7.8 degrees??
it's 0.8 degree (Uranus orbital inclination) +7 degrees (Mercury orbital inclination) $=7.8$ degrees
one more equation tells us that Mercury orbital inclination (7 deg) is created by an effect of Uranus-
the Conclusion is clear- based on the solar system vision as one body - but the separated points vision will have no explanation fro all this data - here may the new vision can be seen in more light - because its great effective help to explain how the planets data is created
now the question is! why Uranus effect on Mercury so strong? is this specific relationship between Mercury and Uranus?! the next equation will answer Equation No. (7)

## $97.8 \mathrm{deg}=122.5 \mathrm{deg}$ (Pluto axial tilt) $\mathbf{x} 0.8 \mathrm{deg}$ (Uranus orbital inclination)

Pluto axial tilt is created as a rate between Uranus axial tilt and Uranus orbital inclination
Uranus defined Mercury orbital inclination and Pluto axial tilt also - because Pluto was The Mercury Moon - It's the same process - Uranus effect on Mercury and Pluto in the same time - can we understand now the real great role of Uranus on the solar system geometry - where Uranus hold the sun - Mercury and Pluto under his control to save the solar system geometry - please see the following equation 97.8 deg (Uranus axial tilt) - $\mathbf{1 7}$ deg (Pluto orbital inclination) $=\mathbf{8 0 . 8}$ degrees this is the rate 80.8 which we need perfectly to discover what's going here..

Equation No. (11)

$$
\text { Uranus Mass - Earth Mass }=80.8 \times 10^{24} \mathrm{~kg}
$$

The rate $\mathbf{8 0 . 8}$ is repeated here again!
I realize clearly that this value is a mass and in previous equation the value $\mathbf{8 0 . 8}$ is degrees
I understand that easily -but - because The mass is created of Energy $\left(\mathrm{E}=\mathrm{Mc}^{2}\right)$ and the space is created of energy (my hypothesis) - so all components are created of energy
this is my Vision toward the solar system
I claim - the solar system is one body and each planet is a member of this same body - how that can be possible?
just if the matter and Space is created from the same stuff - both are created of energy - by this hypothesis the solar system can be considered one Creature Body So the matter is energy (Mass Form) and the space is energy (is distance form) and we know that $1 \mathrm{mkm}=1$ degree because Mercury orbital circumference $=360$ degrees $=360 \mathrm{mkm}$
by what rate the mass can be distance (because both are created of energy!) I don't know?
but I have found that
Jupiter Mass x Mercury Mass $=$ Earth Mass x Neptune Mass $=627 \times 10^{48} \mathrm{~kg}$
627 mkm = Earth Jupiter Distance
till now - this data explanation - is still incomplete
What do I try to do here? I try to show that the rate 80 is used frequently in different forms between Uranus and the inner planets all this data may support the claim that Uranus is perpendicular on the inner planets and
Uranus caused Mercury axial tilt to be decreasedfrom1 degree to 0.01 degree and caused the other changes in the planets data including Mars Migration from (84 $\mathrm{mkm})$ to ( 227.9 mkm )

## 4-3 Uranus depended on Earth to save the solar system Equation No. (11)

$$
\text { Uranus Mass - Earth Mass }=80.8 \times 10^{24} \mathrm{~kg}
$$

This equation shows what's happened
While Mercury did the action which causes the sun creation - and Mercury, Pluto and Mars have changed their data as a result- Uranus had few choices to save the solar system - Uranus had to depend on Earth (as the equation shows that clearly) and one Venus to perform the solar system repair required steps

With Earth Uranus had a direct relationship with Earth
But with Venus Uranus and Venus worked together to produce Saturn
This story still more discussions in next papers -

## 4-4 Mercury Day Period recorded the Events

## I- Data

Mercury Day Period needs 5040 seconds $=84$ minutes to be equal 176 solar days

## II- Discussion

Let's suppose that there's a light velocity $=1.16$ million km per second
5040 seconds x $1.16 \mathrm{mkm} / \mathrm{sec}=5846.4 \mathrm{mkm}=$ Mercury Pluto Distance

So -Mercury Day was decreased from 176 solar days to 175.94 solar days to enable Pluto to reach its orbital distance ( 5906 mkm )

Now Pluto orbital distance is found by 2 values of Mercury value
To prove -that - there's a light beam its velocity $=1.16 \mathrm{mkm} / \mathrm{sec}$
Please review

There's a Light Beam Travels with 1.16 Mkm Per Sec (II)
https://vixra.org/abs/2002.0316
There's a Light Beam Travels with 1.16 Mkm Per Sec (III)
https://vixra.org/abs/2002.0338
A Light Beam with Velocity (1.16 Mkm Per Sec), Creates the Solar System https://vixra.org/abs/2002.0504

## Please Note

(9)
180.8 degrees $=\mathbf{1 7 7 . 4}$ degrees $($ Venus Axial Tilt) $\boldsymbol{+ 3 . 4}$ degrees (Venus Orbital inclination)

This equation is discussed deeply in the previous parts
Uranus Effect On Mars Migration https://vixra.org/abs/2004.0421
And

Uranus Effect On Mars Migration (II) https://vixra.org/abs/2004.0443

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## 5- The Cycle 2737 Analysis

## I-Data

(1)
$90000 \mathrm{mkm}=4.095 \mathrm{mkm} /$ day (Mercury Velocity Daily) x $8 \times 2737$ days
(2)
$2737 \mathrm{mkm}=80 \times 2 \mathrm{x} 17.2 \mathrm{mkm}$
(3)
$2737 \mathrm{mkm} \times 627 \mathrm{mkm}$ (Earth Jupiter Distance) x 4.37 mkm (The sun circumference)
(4)
$2737 \mathrm{mkm}=1.9 \times 1433.5 \mathrm{mkm}$
(5)

2737 degrees $^{2}=116.7$ deg x 23.45 degrees (Earth Axial Tilt)
(6)

2737 degrees $=278.4$ degrees $\times \pi^{2}=25.2 \times 108.6$
II-Discussion
Equation No. (1)
$90000 \mathrm{mkm}=4.095 \mathrm{mkm} /$ day (Mercury Velocity Daily) $\mathbf{x} \mathbf{8} 2737$ days
This equation we have seen before (No. 5 in Point no. 4)
In fact this is the equation for which this paper is written
The components are known

## $90000 \mathrm{mkm}=\mathbf{C}^{2}$ when time=1second

The rate 8 is used here again
So
Mercury during 2737 days moves a distance $=1 / 8$ of the distance 90000 mkm
What a big deal of that?
The Cycle 2737 years is related to the sun creation ( 90000 mkm )
And
The sun creation is found by some action from Mercury ( $4.095 \mathrm{mkm} / \mathrm{day}$ )
And the rate 8 is found here to show the deep effect of Uranus on Mercury

## Note Please

Mercury axial tilt is changed from 1 degree to 0.01 degrees -that means we have 100 point - so this rate can be used as 100 or 10 or 1 or even $0.1 \ldots$..etc
According to the geometrical mechanism -
As in Venus case - Venus axial tilt used 100 to change from 1.774 degrees to177.4 degrees
The solar system is one trajectory of energy and each planet receives and sends this energy to each other -so the energy(100) is sent from mercury to the other planets but can be seen clearly by the geometrical mechanism analysis...

But do we understand this equation No. 1 - what does this equation tell us?

Equation No. (1)
$90000 \mathrm{mkm}=4.095 \mathrm{mkm} /$ day (Mercury Velocity Daily) $\mathbf{x} 8 \times 2737$ days
$4.095 \mathrm{mkm} /$ day $=$ Mercury velocity per solar day
So
2737 = days
But the Cycle is 2737 years!! How to understand that?!

## One day on the sun = one year on Earth

We have discovered that before- let's refer to one equation explains that
10921 km (The moon circumference) x 86400 seconds (solar day) $=940$ mkm (Earth orbital circumference)

The equation tells that -
If earth revolves around the sun one complete revolution in a solar day only -So the earth Moon circumference will be equal Earth Motion distance for 1 second only

So the moon circumference tells that there's another rate of time

Now if the planet motion depend on light motion - that means - it may be logical physically to have different rates of time in the solar system because of the time motion and that may explain this data clearly

We have another equation
10921 km (The moon circumference) $\mathbf{x} 27.3$ days $=300000 \mathrm{~km}$
The equation tells that - if the moon rotates around its axis once daily - so it will travel during its orbital period a distance $=$ light motion for 1 second
( 1 second) is repeated with (moon circumference)
So may these equations tell that - the matter hide more complex geometry inside the solar system...
So the question still the same - how the matter is created?

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http://www.mathnet.ru/eng/person22119
List of publications on Google Scholar
List of publications on ZentralBlatt
https://mathscinet.ams.org/mathscinet/MRAuthorID/757317
http://elibrary.ru/author_items.asp?spin=6087-3245
http://orcid.org/0000-0003-3447-0425
http://www.researcherid.com/rid/G-7453-2014
http://www.scopus.com/authid/detail.url?authorId=6507007003
https://www.researchgate.net/profile/Svetlana_Budochkina
Full list of publications: http://web-local.rudn.ru/web-local/prep/rj/index.php?id=2944\&p=15209

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