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## Uranus Effect On Mars Migration (II)

## Authorized To Be Used By

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## The Assumption Of S. Virgin Mary -Written in Cairo - Egypt -18 ${ }^{\text {th }}$ April 2020

## Paper Hypotheses

1- The Sun Position in the sky is defined relative to Uranus Position. this geometrical feature is a unique one for Uranus.
2- Uranus had effected on Mars and caused Mars to migrate from its original orbital distance ( 84 mkm ) to its current one ( 227.9 mkm ).
3- The Cycle 2737 years is a real astronomical cycle and related to Mars Migration.
Let's Review Mars Migration Theory in following:

## 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
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\%).

[^0] 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 Mass) -Mars now is in the wrong Position- but forced to still because of the sun effect.

## A Conclusion <br> The Giant-impact hypothesis supports Mars migration Theory

## Paper Objectives:

( $1^{\text {st }}$ Objective) :
The Paper tries to prove that,

- Uranus has An Unique Position In The Sky Relative To The Sun And The Other Solar Plants.
- The Cycle 2737 Is A Real Astronomical Phenomenon, Which Is Related To Mars Migration \& The Sun Creation.

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(2 2d}\mathrm{ Objective) :
```

This paper main argument tries to show that - The Planet Motion depends on light motion - means - The planet motion is consisted of 2 motions - the first one is a light beam moves in front of the planet and creates the distance (Space) - then the planet follows this light beam through The Created Distance -
Based on this idea
The light motion effect can be concluded by Planet Motion analysis...
Where we can't observe the light Motion, and we observe only the planet motion, spite of that, the light motion effect can be concluded easily and with a great confidence.

## Paper Contents:

1- Introduction
2- Methodology
3- Mars migration Proves Revision (5 Proves)
4- Why does The Cycle 27.3 days control Mars Motion?
5- The cycle 2737 years is related to the sun life cycle \& Mars Migration
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## 1- Introduction

Why I provide strange ideas?
because I provide a different vision for the solar system
The fighting between the 2 visions is clear
The Current Vision tells us that - the planets are separated points from each other and move by the sun gravity in their revolutions
Based on this description -the planets are similar to cars in some track travel beside each other - each car is completely different in its building and data just they travel on the same road - and because of this description any car data is completely independent from the other - so we can learn nothing about any other car from our studying for any of them -they are separated points - and based on this vision we conclude that each planet motion is independent of the other greatly
My Vision tells another idea
I see the solar Planets as members in one body - as a creature body -so this creature arm should be in some proportional to this creature leg - This vision gives us another description - now we may expect some proportionality in different data between this creature members - and based on that -we may expect some planet diameter to be created in proportional to another planet diameter - most important is that -we may expect one unified motion
that means
The solar planets may move together in one unified motion as a train carriages move together- now this idea can't be disproved by the planets different velocities - because - the machine of gears has different gears with different velocities but the motion is just one...
the next question is
from where can we get or prove this vision which I provide here? - from the plant data analysis
The fighting is just continuous ....again .... Why we see the sun disc $=$ the moon disc? because
(The sun diameter /the moon diameter) =(earth orbital distance/ Earth Moon distance) the question is - why the diameters rate $=$ the distance rate? the current vision considers this data is found by pure coincidence - but my vision considers this data is logical data because the distances are created with matters in the same process proportional to each other! why? because the planets (matters) and the distances (space) both consist the same one creature body (one geometrical structure) -
the fighting simply is continuous

## Why My Vision Is Useful?

Because my vision tells basically that - There's ONE EQUATION - controls all planets data - and based on this vision we can conclude Mars had migrated from its original orbital distance ( 84 mkm ) to its current one (227.9) and also we can conclude the great effective role of Uranus in Mars Migration in addition to define the specific relationship between Uranus and the sun creation.
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## 2- Methodology

After the previous mystery - no one will interest to read my paper! -
So -what can I do to prove that - It's astrophysics serious paper?!

## 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

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- 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
( $1^{\text {st }}$ 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 $\mathbf{8 4} \mathrm{mkm}$ ?

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

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

## 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 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
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## 4- Why does The Cycle $\mathbf{2 7 . 3}$ days control Mars Motion?

## 4-1 Preface

4-2 Saturn Orbital Distance Analysis
4-3 The Cycle 27.3 days Analysis

## 4-1 Preface <br> (1)

Please help our discussion -
Uranus Effect Discussion is so rich one and has tenths of Data - which we can't repeat in each new paper - I repeat only Mars Migration Theory and Proves because this is the basic event by which we try to discover Uranus effect on the solar system geometry - But Uranus is indeed the heaven Governor and its Effect is beyond any paper to write
For that I beg the respectful reader and recommend him strongly to read the previous paper - It's a treasure of data

# Uranus Effect On Mars Migration 

https://vixra.org/abs/2004.0421
or
https://www.academia.edu/42762930/Uranus Effect On Mars Migration
or
https://www.slideshare.net/Gergesfrancis/uranus-effect-on-mars-migration
The question was...
Why the Cycle 27.3 days control Mars Motion?
This question is created from the next equation
687 days $($ Mars orbital period) $=27.3$ days (The Earth Moon orbital period) x 25.2
$($ where 25.2 degrees $=$ Mars Axial Tilt $) ..$ Let's remember the claim in following.

## (2)

Data
(1)

30589 days $($ Uranus orbital period $)=27.3$ days $($ Earth Moon orbital period) x 1120 (2)
$113.45 \operatorname{deg}$ (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 is the idea shortly! - human may feel it as mystery!

Let's ask- first why this cycle 27.3 days is so important - second by what force Uranus forced Mars to be controlled by this cycle? And what does prove this control? Can this weak equation ... (equation No.3) prove that??
This is the argument summary -we have discussed many more details in that paper
Any way -let's try to find some logical physics inside it
Let's start with the force -

## How did Uranus force Mars To Use This Cycle 27.3?

It's the new vision - the solar system is one body so any member can effect on the other- the creature heart may effect on the legs- Possible - so it's easy
The question is

## By what force this creature is connected with each other?

By the light motion...

You look at the puppets on the theatre board and smile that one puppet makes a quarrel with another one - just we all know that there's only one thread is found behind and all puppets motions -
The light motion is the master behind and because of that - all planets motions are in harmony and if the planets move without harmony we will say also that because some disturbance is happened in the light motion which guide the planet motion So the basic difficulty is seen at end -

## How to prove that there's a light motion behind?

## Planet Motion depends on Light Motion

## $4 \quad$ Part (I)

```
5 Data
\(6 \quad 1433.5 \mathrm{mkm}=\) Saturn Orbital Distance
```

| Table No.1 | error |
| :--- | :--- |
| -1433.5 days x Mercury velocity daily $4.095 \mathrm{mkm}=5870 \mathrm{mkm}$ Pluto Orbital Distance | 0 |
| -1433.5 days x Venus velocity daily $3.02 \mathrm{mkm}=4329 \mathrm{mkm}$ Venus Neptune Distance | 0 |
| -1433.5 days x Earth velocity daily $2.58 \mathrm{mkm}=3699 \mathrm{mkm}$ Jupiter Neptune Distance | 0 |
| -1433.5 days x Mars velocity daily $2.082 \mathrm{mkm}=2984.5 \mathrm{mkm}$ Uranus Pluto Distance | 0 |
| -1433.5 days x Jupiter velocity daily $1.1318 \mathrm{mkm}=1622.4 \mathrm{mkm}$ Uranus Neptune Distance | 0 |
| -1433.5 days x Saturn velocity daily $0.838 \mathrm{mkm}=1201 \mathrm{mkm}$ Mars Saturn Distance | $0.3 \%$ |
| -1433.5 days x Uranus velocity daily $0.5875 \mathrm{mkm}=842 \mathrm{mkm}$ |  |
| -1433.5 days x Neptune velocity daily $0.4665 \mathrm{mkm}=670 \mathrm{mkm}$ Venus Jupiter Distance | 0 |
| -1433.5 days x Pluto velocity daily $0.406 \mathrm{mkm} \quad=582 \mathrm{mkm}$ Mercury Earth distance*2п | $1 \%$ |

9 Why this table is useful any how?

30 A distance value is used as a time value!
31 I understand that -it's possible to have such pure coincidence

But to many pure coincidences with the basic data it's remarkable

## More Discussion

the distance 25920 mkm is performed also by another interesting equation
$17.75 \mathrm{mkm} \times 1461$ days $=25920 \mathrm{mkm}$
(where $17.75 \mathrm{mkm}=$ the planets motions distances total per a solar day)
this equation tells that- the solar planets motions distances total during 1461 days $=$ 25920 mkm
( 1461 days $=365+365+365+366-$ it's the Earth Cycle)
The pure coincidence claim grows weak more and more with more deep analysis -
We deal here with a geometrical structure that's why the value 25920 is repeated frequently - as if we discuss Pythagoras triangle so the angle 90 should be mentioned frequently - no pure coincidence here - it's a light motion is hidden behind the planet motion -
some objection will refuse this conclusion - So - we may return to the paper methodology and ask how the matter is created - the paper methodology refers to that the matter may be a form of energy (or of a light beam we see as a matter) so if the light motion is found under the planet motion -This may be a logical conclusion

## Example No. 2

## Equation (a)

10921 km (The moon circumference) x 86400 seconds $=940 \mathrm{mkm}$
this equation tells that- if Earth revolves around the sun one complete revolution in one solar day only - so the Earth moon circumference will be $=$ a distance of the Earth motion for 1 second of time

## Equation (b)

10921 km (The moon circumference) x 27.3 days $=300000 \mathrm{~km}$
this Equation tells - if - the Earth Moon rotates around its axis one every day (as the Earth does) - so the moon in this case will pass a distance $=300000 \mathrm{~km}=$ light motion for 1 second - during the moon orbital period!

Why these equations are useful?
the planet matter is created relative to some light data as we see! in both equation the moon circumference is related to 1 second of time
Why this is useful?
I wish these equations shows the light data effect on the moon circumference (matter data) creation

## A comment

The previous different shows different geometrical features can be created by light motions - let's try tosupport that in following...
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# Why These Distances Are Equal? 

## Data

(1)

| Saturn Orbital Distance | $=$ Saturn Uranus Distance |
| :--- | :--- |
| $(1433.5 \mathrm{mkm})$ | $=$ Mars Orbital Circumference |
|  | $=$ Pluto Neptune Distance |
|  | $=$ Pluto eccentricity Distance |
|  | $=$ Neptune Orbital Distance $/ \pi$ |
|  | $=$ Uranus Orbital Distance $/ 2$ |
|  | $=$ Mercury Jupiter Distance $\times 2$ |

(2)

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


## Discussion

How the distances are equal?!
I have simple answer...
Suppose these distance are created by a light beam reflected on some surface - so the distances are equal because both are created by the same light beam in 2 motions one motion for passing and the other for reflection - the simple explanation is easy solution for very hrd discussion - and if we remove this explanation the data still face us with the question.. why the distances are qual?

## Part (III) Why One Rate Controls These Equations?

Earth Daily Motion 2.58 mkm

1. Moon Orbital Circumfere nce $2.41 \mathrm{mkm}=1.0725$

Apogee orbital radius ( 406000 km )
2. $\overline{\text { Tal Solar Eclipse radius }(378500 \mathrm{~km})}=1.0725$

Total Solar Eclipse radius ( 378500 km )
778.6 mkm Juppiter Orbital Distance
3. 720.3 mkm Jupiter Mercury distance $=1.0725$
720.3 mkm Jupiter Mercury distance

Ve $=1.0725$
670 mkm Jupiter Venus Distance
(Error 0.7\%)
5. $\frac{670 \mathrm{mkm} \text { Jupiter Venus Distance }}{629 \mathrm{mkm} \text { Jupiter Earth Distance }}=1.0725$
$\frac{\text { Saturn Orbital Distance }(1433.5 \mathrm{mkm})}{\text { Sarurn Venus Distance }(1325.3 \mathrm{mkm})}=1.0725$
7. $\frac{\text { Saturn Earth Distance }(1284 \mathrm{mkm})}{\text { Sarurn Mars Distance }(1205.6 \mathrm{mkm})}=1.0725$
8. $\frac{\text { Uranus Orbital Distance }(2872.5 \mathrm{mkm})}{\text { Uranus Mars Distance }(2644 \mathrm{mkm})}=1.0725$
9. $\frac{\text { Jupiter Orbital Circumfere nce }(4894 \mathrm{mkm})}{\text { Neptune Orbital Distance }(4495.1 \mathrm{mkm})}=1.0725$

## (10) The Planets Axial Tilts Also Use This Same Rate!

$\frac{\text { 28.3 Neptune Axail Tilt }}{\text { 26.7 Satrun Axail Tilt }}=\frac{26.7 \text { Satrun Axail T. }}{25.2 \text { Mars Axail T. }}=\frac{25.2 \text { Mars Axail T. }}{23.4 \text { Earth Axail T. }}=1.0725$

Discussion
Why one rate control all these distances? Imagine these distances arre created by light motion and reflection - as the previous distances- but after reflection - the reflected distances passed in another frame (because of the high velocity motion) - the other frame will cause Lorentz length contration effect (with the same rate1.0725)...
So another explanation tells us that - Light motion is found under the planet motion Let's return to the Cycle 27.3 days...

## 4-3 The Cycle 27.3 days Analysis

The story tells that - Uranus creatd the cycle 27.3 days and forced Mars to follow this cycle in its motion - Now Uranus uses Venus and Earth Moon to do tyhis job and because of that - Mars orbital period 687 days $=27.3$ days $\times 25.2$
Where 25.2 degrees = Mars Axial Tilt - where this value 25.2 is defined by Venus \& Mars diameters rates to the sun diameter - we have to remember it here - before to provide our progress point - (sorry for repeating - the next 2 pages only re repeated)

## The Cycle 27.3 days (Revision)

## Data

## Group (II)

- Mars Axial Tilt $=25.2$ degrees (on the horizontal level)
- Mars Axial Tilt $=\mathbf{1 1 5 . 2}$ degrees $\quad$ (on the vertical level $115.2=25.2+90$ )
- Mars Axial Tilt $=\mathbf{2 0 5 . 2}$ degrees $\quad($ where 205.2 degrees $=115.2+90)$

But

- Saros Shift angle $=115$ degrees $\qquad$ And
- Saros Cycle 6585.39 days $=115 \times(180 / \pi)$

Why Venus diameter is so specific one?

## Because

- The sun diameter $=115.2 \times$ Venus Diameter
- The sun diameter $=205.2 \times$ Mars Diameter

Group (III)
(1)
$25920 \mathrm{mkm}=27.3 \times 949 \mathrm{mkm}(940 \mathrm{mkm}=$ Earty orbital circumference error $1 \%)$
(2)

- $25920 \mathrm{mkm}=180 \times 144 \mathrm{mkm} \quad$ and $180 \mathrm{mkm} \times 0.8=144 \mathrm{mkm}$
- $\quad 144 \mathrm{mkm} \times 0.8=115.2 \mathrm{mkm}$
- 144 days x $0.587 \mathrm{mkm} /$ day (Uranus velocity) $=84 \mathrm{mkm}$
- $144 \mathrm{mkm}=5.1 \times 28.3$ (5.1 deg $=$ the moon orbital inclaintion $-28.3 \mathrm{deg}=$ Neptune axial titl)
$-(\mathbf{2 5 . 0 8})^{2}=627$


## Discussion

Light with known velocity ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) travels during a solar day ( 86400 s ) a distance $=25920 \mathrm{mkm}$

## Why Mars Had migrated When The Sun Creation?

## (1) Because of the Cycle 27.3 days

The cycle 27.3 days is defined by Uranus Equation
30589 days $($ Uranus orbital period) $=27.3$ days $($ Earth Moon orbital period) x 1120
Please remember - Uranus is the master here
The Cycle 27.3 days is defined by Uranus Cycle - and Uranus defines Mars Motion data ( $180 \mathrm{mkm}-144 \mathrm{mkm}-115.2 \mathrm{mkm}$ ) - so the Cycle will control Mars New motion

The Cycle ( 27.3 days) control Earth Motion by Earth axial tilt (through1120) (113.45 deg Earth axial tilt vertically) level) $\mathrm{x} \pi^{2}=\mathbf{1 1 2 0}$

Now
687 days $($ Mars orbital period $)=27.3$ days (Earth Moon orbital period) x 25.2
(Where $\mathbf{2 5 . 2}$ degrees =Mars Axial Tilt)
But
The Value 25.2 degrees =Mars Axial Tilt is defined based on Mars \& Venus diameters rates relative to the sun diameter
So the value $\mathbf{2 5 . 2}$ is defined already and the cycle 27.3 days is forced by Uranus The master of everything here
So Mars had to have the orbital period 687 days -

## (2) Because The Rate 1.9 should control Mars new Motion

Let's summarize the idea in following:

- The rate 1.9 is a genetic instruction transported from planet data to another till reach to Mars - why? to create Mars orbital inclination $=1.9$ degrees! Why? to force Mars to move per solar day 0.524 degrees - Why? because this is the available Motion for Mars defined by the solar system geometry


## I- Data

(1) Earth diameter $12756 \mathrm{~km}=$ Mars diameter $6792 \mathrm{~km} \times 1.9$
(1.9 degrees $=$ Mars orbital inclination)
(2) Earth diameter $12756 \mathrm{~km}=$ Mars (original) diameter $7070 \mathrm{~km} \times 1.8$
$(1.8$ degrees $=$ Neptune orbital inclination $)$
(3)
$1.9 \mathrm{deg}=$ Mars orbital inclination $=1.8 \mathrm{deg}=$ Neptune orbital inclination $+\mathbf{0 . 1} \mathbf{~ d e g}$
(4) Neptune Diameter 49528 km = Mars (original) diameter 7070 km x 7

## II- Discussion

Mars orbital inclination 1.9 deg - is defined based on Neptune orbital inclination with addition 0.1 deg - the rate 1.9 is found between Mars (new) diameter and Earth diameter - that means - Mars Diameter decreasing was done based on geometrical rule - Mars diameter is done by collisions with Venus and Earth but Not by random process - on the contrary - it's done by geometrical rules - as a surgeon cut arm for some patient -
Now because Mars orbital period $=687$ days (defined by Uranus effect) and Mars motion daily $=0.524$ degrees (defined by Uranus effect) -as a result Mars (new) orbital distance $=227.9 \mathrm{mkm}$

Data
(1)
(2)
$25920 \mathrm{mkm}=113.4 \mathrm{mkmx} 227.9 \mathrm{mkm}=152 \mathrm{mkm} \times 170 \mathrm{mkm}$

## Discussion

We discuss Equation No (1) Basically
1461 days $=$ Earth Cycle 365+365+365+366
27.3 days $\quad=$ Earth Moon Orbital Period
$1433.5 \mathrm{mkm}=$ Saturn orbital distance which is used frequently as time period

For better accuracy 1461 days $=27.3$ days +1433.7 days
(the difference between 1433.7 and 1433.5 is not in question)

Let's start our discussion...
Why Uranus forced Mars for this Cycle period =27.3 days?
Because
Mars orbital circumference $=1433.5 \mathrm{mkm}=$ Saturn orbital distance
The values 27.3 and 1433.5 are 2 parts on ONE VALUE 1461
They are children on one parent.... Simply complementary to each other So
If Mars orbital circumference will be 1433.5 mkm so Mars orbital period should be controlled with 27.3 days - one deal - one package!

And Why? because the parent is one 1461 days
And why this parent is needed any how? Why we need this one?
Let's remember 25920 mkm
A light beam with known velocity ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) travels during a solar day (86400 seconds) a distance $=25920 \mathrm{mkm}$
But
1461 days $\times 17.75 \mathrm{mkm}=25920 \mathrm{mkm}$
$17.75 \mathrm{mkm}=$ the planets motions distances total per solar day -
The planets can perform this great number 25920 mkm is 1461 days
What a big deal?
It's the total available energy in the solar system (because Space = Energy)
And by this total energy - the solar system (all planets) tries to rescue Mars.
i.e.

The solar system total energy is used to correct the situation before Mars Migration
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Nothing is Clear!
I myself don't understand!!
There's a reason for Mars migration - there's a reason for the Sun Creation - there's a first action before all the story - there's some thing happened before which had to Mars to migrate and the sun to be created as a result -
This Action is done by Mercury - I don't know it yet - it's Mercury who did!
What we know Now?
We know that - the solar system total energy was in using to correct the action which is done (by Mercury almost) and the correction needed ( $\left.1^{\text {st }}\right)$ the sun creation ( $2^{\text {nd }}$ ) Mars Migration

## Shortly

the solar system used the total available energy to correct the situation - and the total energy is expressed by the value 1461 which is used for mars Migration now the equation 1461 days $=133.5$ days -27.3 days
is understood and the Cycle 27.3 days became the basic Cycle in the solar system and because of that we see it controls Uranus orbital period and Mars orbital period - with many other planets
any way there's no one equation shows that the cycle 27.3 controls the solar system why not? because we deal with high velocity motions (light motions) and because of that - we see the time period can be used as distance values and vice versa because of that we can't (till now) conclude this equation

## 5- The Cycle 2737 Years Is Related To The Sun Life Cycle \& Mars Migration

5-1 Preface (Revision)
5-2 the Cycle 2737 years is related to the Sun Creation and Mars Migration (New
Argument)

$\left(2^{\text {nd }}\right)$ Mayan Calendar long Cycle continuous for more than
5000 years - is completed on $21^{\text {st }}$ December 2012 - someone told the pyramids works as an O'clock for Mayan Cycle!
$\left(3^{\text {rd }}\right)$ A prediction for the greatest Earthquake hit the whole Earth was spreading for months before December 2012!
Nothing happened and every thing is forgotten now
I have studied the solar system Geometry from this date (November 2012) till now trying to know what truth behind all these mysteries
Mars migration Theory provides a very similar earthquake

## 5-2 The Cycle 2737 Years Is Related To The Sun Creation And Mars Migration

 Data| a. | 116.7 deg | $\times 23.45 \mathrm{deg}$ | $=2737 \mathrm{deg}^{2}$ | $(116.7=4.37 \times 26.7)$ |
| :--- | :--- | :--- | :--- | :--- |
| b. | 627 mkm | $\times 4.37 \mathrm{mkm}$ | $=2737 \mathrm{mkm}^{2}$ |  |
| c. | 670 days | $\times 4.095 \mathrm{mkm} / \mathrm{day}=2737 \mathrm{mkm}$ |  |  |
| d. | 25.2 | $\times 108.6 \mathrm{mkm}$ | $=2737 \mathrm{mkm}$ |  |
| e. | 1.9 | $\times 1433.5 \mathrm{mkm}$ | $=2737 \mathrm{mkm}$ |  |
| f. | $(\mathbf{4 . 3 7})^{2}$ | $\times 144 \mathrm{mkm}$ | $=2737 \mathrm{mkm}$ |  |
| g. | 12 | $\times 228 \mathrm{mkm}$ | $=2736 \mathrm{mkm}$ |  |
| h. | $1.8 \times 2$ | $\times 760$ | $=2736 \mathrm{mkm}$ |  |

## Discussion

$1433.5 \mathrm{mkm}=$ Mars orbital circumference
simply the value 2737 mkm is found based on Mars own data
Why?
Because Mars Migration and the sun Creation are complementary events they were done together and obligatory for each other!
shortly Mars had to migrate when with the sun creation! by what mechanism?! we know one piece of answer -
The solar system available energy is used in this process and because of that - these 2 events are complementary to each other because both depend on one source of energy we know one more equation to support that

$$
2737 \mathrm{mkm}=(4.37 \mathrm{mkm})^{2} \times 144 \mathrm{mkm}
$$

Where $4.37 \mathrm{mkm}=$ the Sun Circumference

## 144 mkm= Mars Displacement

(Note Please - the value should be 2737 mkm 3 - but it's not important to discuss because the value 2737 mkm 3 refer to a cuboid its length $=2737 \mathrm{mkm}$ and both other sides $=1 \mathrm{mkm}$ - we deal with length only for simplicity - this type of calculation has a great support from Kepler laws.)

## Mars Migration Cycle

Why this Cycle 2737 years has any relationship with Mars Migration?!
The previous equations can't support any doubt... we simply needs a mechanism
How that happen? And why??

## Planet Motion depends on Light Motion

## I-Data

- Mercury is created by a period of time $=50$ seconds
- Light beam with velocity $=1.16 \mathrm{mkm} / \mathrm{sec}$ travels for 50 seconds and perform a distance $=58 \mathrm{mkm}=$ Mercury Orbital Distance
- Mercury orbital circumference ( $58 \times 2 \pi=360 \mathrm{mkm}$ )
- 360 mkm because of high velocity motion - is used as 360 seconds
- Light beam with velocity ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) during 360 seconds travels a distance $=$ $=\mathbf{1 0 8} \mathbf{~ m k m}=$ Venus Orbital Distance
- 216.4 mkm (Venus orbital diameter) is a distance passed by light beam its velocity $0.3 \mathrm{mkm} / \mathrm{sec}$ during a period $=720$ seconds
- 720 seconds (because of high velocity motion) is used as a distance $=720 \mathrm{mkm}=$ Mercury Jupiter distance -
- Mercury Jupiter diameter ( $720 \mathrm{mkm} \times 2$ ) needs a period $=720$ seconds $\times 2$ which needs a distance $=216.4 \times 2 \mathrm{mkm}$
- (the distance $216.4 \mathrm{mkm} \times 2$ ) will be used as a time period in the following equation $216.4 \times 2 \times 1.16=500 \mathrm{mkm}$
- 500 mkm is used as a time period $=500$ seconds
- Light beam ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) needs 500 seconds to pass Earth orbital distance ( 149.6 mkm )
- Still the distance 720 mkm is produced by a light beam ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) during a period $=627$ seconds
- Light its velocity ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) needs 2090 seconds to pass 627 mkm where 2090 seconds is used as distance $2090 \mathrm{mkm}=$ Jupiter Uranus Distance
- But 6939.75 seconds x $0.3 \mathrm{mkm} / \mathrm{sec}=2090 \mathrm{mkm}$ - means light with c velocity travels during ( 6939.75 seconds) a distance $=$ Jupiter Uranus Distance (6939.75 days $=$ Metonic Cycle).
- $\mathbf{1 0 8} \mathbf{~ m k m}=$ Venus Orbital Distance - So Venus Orbital Circumference $=680$ mkm but Venus Jupiter distance $=\mathbf{6 7 0 . 4} \mathbf{m k m}$ (Venus \& Jupiter positions are
defined before by their distances to Mercury and Earth - that means - the distance 670.4 mkm we didn't bring it from the planets data sheet but we define it relative to Earth \& Mercury positions to Jupiter - i.e. 670.4 mkm is not a new data but a concluded data)
- light beam with velocity 1.16 mkm passes during 670.4 seconds a distance $=778.6$ mkm (Jupiter orbital distance)
- Also $670.4 \mathrm{mkm} \times 2 \pi=\mathbf{4 2 2 4} \mathbf{~ m k m}$ (high velocity motion uses this value as time)
- Light beam with velocity 1.16 mkm travels during 4224 seconds a distance $=4900$ $\mathrm{mkm}=$ Jupiter orbital distance
- Note Please (Mercury Day =4224 hours approximately- means the light motion period is transferred to Mercury motion but the rate of time is changed from 1 second to 1 hourthat's similar to Metonic Cycle 6939.75 days which we have seen before where the 6939.75 seconds in transferred into the moon motion in form 6939.75 days)
- Light beam with velocity 1.16 mkm travels during 4900 seconds a distance $=5678.1 \mathrm{mkm}=$ Mars Pluto Distance ( $6585.39 \mathrm{mkm}=1.16 \mathrm{x} 5678.1 \mathrm{mkm}$ ) (where 6585.39 days $=$ Saros Cycle)
- 670.4 mkm (Venus Jupiter Distance) $=1.0725 \times 627 \mathrm{mkm}$ (Earth Jupiter distance)
- Earth orbital circumference $=940 \mathrm{mkm}$ - which is used as 940 seconds
- A Light beam $(0.3 \mathrm{mkm} / \mathrm{sec})$ during 940 seconds passes a distance 282 mkm
- A light beam ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) during 282 seconds passes 327.6 mkm (which we see as lunar sidereal year 327.6 days)
- Light beam ( 0.3 mkm ) during 327.6 seconds pass distance $=98.7 \mathrm{mkm}$ (Uranus axial tilt $=97.8$ degrees)

1. Light beam ( 1.16 mkm ) during 97.8 seconds pass distance $=113.45 \mathrm{mkm}$ (where $1 \mathrm{mkm}=1 \mathrm{deg}$ means $113.45 \mathrm{mkm}=113.45 \mathrm{deg}=90+23.45 \mathrm{deg}$. Earth axial tilt)

- $149.6 \mathrm{mkm} \times 2$ (Earth orbital diameter) is used as time value - so light with velocity ( $1.16 \mathrm{mkm} / \mathrm{sec}$ ) during this period $149.6 \mathrm{sec} \times 2$ a distance $=346.6 \mathrm{mkm}$ where 346.6 days - the nodal year.
- 3717 mkm (Jupiter Neptune Distance) us used as time so -light with velocity $0.3 \mathrm{mkm} / \mathrm{sec}$ travels during 3717 seconds a distance $=$ Jupiter Mars distance (1.2\%)
- 5127 mkm (Pluto Jupiter distance) is used as 5127 seconds where a light with velocity $1.16 \mathrm{mkm} / \mathrm{sec}$ travels during 5127 s a distance $=$ Pluto orbital distance.
But why Mars is exceptional always?!
- 655 mkm (Jupiter Saturn distance) ( 655 mkm will be used as 655 sec ) x 1.16 $\mathrm{mkm} / \mathrm{sec}=760 \mathrm{mkm}$ (will be used as 760 seconds)
- Light beam ( $0.3 \mathrm{mkm} / \mathrm{sec}$ ) travels during 760 seconds a distance $=227.9 \mathrm{mkm}=$ Mars orbital distance


## Equation No (h)

## $1.8 \times 2 \times 760=2736 \mathbf{m k m}$

The previous data tries to discover the network which is found behind the matter creation and motion - we simply sees a planet moves but in fact this planet is a light beam had some reflection or some coherence - a complex process - produced this planet matter before our eyes with its orbital distance and period ....etc

## (Discussion $1^{\text {st }}$ Point)

In this point we interest for one important remark
that- the three planets (Mercury - Venus - Earth) are created depend on their distances to Jupiter and their internal distances to produce their orbital circumference (without a foreign help)

## Mars is Different

Mars need a foreign help - the value 760 seconds can be produced only from the value 655 seconds (Jupiter Saturn distance $=655 \mathrm{mkm}$ ) that shows why Mars in exceptional as we have discussed for example
Jupiter orbital circumference $=($ Mercury + Venus + Earth $)$ Orbital circumferences total + 2 Mars orbital circumference
with this data I try to prove that - Mars behaves differently from the other 3 inner planets in different equations and with different positions
we can't discuss deeply the previous light motion network - for its details discussion please review

## Jupiter Effect On The Inner Planets (IV)

https://vixra.org/abs/2003.0023
we here interest only for the Equation

## (Discussion 2 ${ }^{\text {nd }}$ Point)

Equation No (h)
$1.8 \times 2 \times 760=2736 \mathrm{mkm}$ where
1.8 degrees $=$ Neptune axial tilt
$760 \mathrm{mkm}=655$ seconds $\times 1.16 \mathrm{mkm}$
(I suppose there's a light velocity $=1.16 \mathrm{mkm} / \mathrm{sec}$ - we may consider it here as a hypothesis which I proved in different papers)
$655 \mathrm{mkm}=$ Jupiter Saturn distance
but on the orbital distance ( 180 degrees) so it will be $655 \mathrm{mkm} \times 2$
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9 https://vixra.org/abs/2004.0421 $\mathrm{mkm} / \mathrm{sec}$
$655 \times 2 \times 1.16 \mathrm{mkm}=760 \mathrm{mkm} \times 2$
so the value $2736 \mathrm{mkm}=1.8 \times 2 \times 760 \mathrm{mkm}$
orbital inclination $1.8+0.1$
this equation we have discussed deeply before in my paper

## 8 (Uranus Effect On Mars Migration)

## (Discussion $3^{\text {rd }}$ Point)

Equation No (d)
$25.2 \times 108.6 \mathrm{mkm} \quad=2737 \mathrm{mkm}$
25.2 degrees $=$ Mars axial tilt
$108.2 \mathrm{mkm}=$ Venus orbital distance

Please Note

## $25.2=8 \pi$

 i.e.now we use 655 mkm as 655 seconds and supposed that there's a light velocity $=1.16$
now we know that Mars orbital inclination 1.9 degrees is produced by Neptune

This discussion is so long and can't be repeated here - please review it

That tells us - Mars axial tilt isn't a property value of Mars - it's a geometrical value As $\boldsymbol{\pi}$ - it's used for geometrical process and not for formation a planet -
Equation d - tells that - the value 2737 is found concerning Mars and Venus Data
different data shows that the cycle 2737 is related to Mars Migration Data

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