

The Earth is Older Than The Sun

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Abstract

Paper hypothesis

The Earth Is Older Than The Sun

Paper Hypothesis Proves

1- The Solar Planets Order shows that- The Sun is A result of The Planets Motions and NOT Their Reason.

2- The Sun Data is Created depending on The Planets Data

3- The Solar System Chronological Events Proves That The Sun Is Created After The Planets Creation.

4- Saturn Data proves, "Saturn is The Only Planet Created After The Sun Creation"

There are 2 Basic Events were done Because Of The Sun Creation:

(1st Event) Mars Migration

(2nd Event) Pluto Migration

Let's summarize these events general idea in following...

Pluto Migration

- Pluto was The Mercury Moon with orbital distance 57.9 mkm and had to migrate to 5906 mkm because of the sun creation –

- Pluto had collided with Neptune and from this collision debris Pluto had created its moons and **The Kuiper Belt** (The Paper discuss The Event Proves)

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

- 1 II. **The Lunar Magma Ocean (LMO) Origin– is Venus** – because the moon is
2 created by 3 planets debris (Venus – Earth – Mars) – So their rocks are found in it
3
4 III. **Why The Iron Oxide (Feo) of the Moon= (13%)? Because** The rate (13%) is a
5 middle between Mars rate (18%) and the terrestrial mantle (8%).
6
7 **IV. Why Mars diameter (and Mass) are decreased through the history? Because**
8 of the collisions – Mars diameter lost around (4.1 %) (And Mars mass also which
9 causes difficulties for Mars gravitation equation)
10 **V. Mars migration** is done **Because of The Sun Creation Process**
11 **VI.** Is there a possibility that Mars will return to its original point (84 mkm)? **Yes**
12 **VII. Why?** Because the Planet orbital distance is defined relative to its diameter (and
13 Mass) Mars now is in **the wrong Position-** but forced to it because of the sun effect
14 **Conclusion The Giant-impact hypothesis supports Mars migration Theory**
15
16
17 *Pluto & Mars Migrations detailed proves are discussed in the paper*

18

Paper Objectives:

19 The paper tries to prove that

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21 ***The Earth is Older Than The Sun***

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1- Introduction

The paper provides a heavy claim many proves are discussed in this paper, trying to discussed the truth behind the paper hypothesis ... any why this introduction has one important question we should to ask before to start our discussion....

The simple direct question **How does planet move?**

We know about the wandering planet – This planet orbits a galactic center – Now our solar system creation theory supposes that – the planets and the sun were created together in the same time- I can't accept that – because of the proves provided in the abstract which are

Paper Hypothesis Proves

- 1- The Solar Planets Order shows that- The Sun is A result of The Planets Motions and NOT Their Reason.
- 2- The Sun Data is Created depending on The Planets Data
- 3- The Solar System Chronological Events Proves That The Sun Is Created After The Planets Creation.
- 4- Saturn Data proves, "Saturn is The Only Planet Created After The Sun Creation"

The Chronological Events and The Planets Consistency – Specially – are – 2 strong proves provide no chance for the synchronous Creation Theory we still have the question – how does the planet move?

Because –If the sun is created after the planets creation that will be a significance reference that the planet doesn't move by the sun masses gravity as we well suppose So this argument still has its depth and needs analysis to see the truth behind...

Here let's provide a chronological report about what was before the sun creation (as I suppose) and what's happened after the sun creation

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.

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 ($= \pi^{1/2}$ degrees)
- Mars Orbital Distance was 84 mkm
- Pluto was The Mercury Moon

- Saturn Was Created After The Sun Creation

1 **The Solar System After The Sun Creation**

- 2 - Mercury Axial Tilt becomes 0.01 degree
- 3 - Venus Axial Tilt received The lost value (from 1 to 0.01) – to save the inner
- 4 planets energy – So Venus axial tilt changed from 1.774 deg to 177.4 deg
- 5 - Pluto had to move far from Mercury – with a distance = 57.9 mkm (Mercury
- 6 orbital distance) for each point (from 1 degrees to 0.01 degrees) –that forced Pluto
- 7 to move far from Mercury with a distance =(100 x 57.9 mkm) = 5906 mkm Pluto
- 8 orbital distance
- 9
- 10 - **Mars had migrated from (84 mkm) to (227.9 mkm)**
- 11 - As a result of Mars Migration the Earth Moon was created.
- 12 - Mercury Day was decreased by 84 minutes =5040 seconds
- 13 - The inner Planets changes are recorded with Uranus Data
- 14 - Uranus hold the solar system to prevent its destruction-
- 15 - Uranus depended on Earth basically and Venus to save the solar system.
- 16 - Uranus caused Saturn to be created to help the solar system rescue.
- 17 - Saturn & Jupiter unified their power to save the solar system.
- 18 - Uranus & Earth Connection is the first basic connection to save the solar system
- 19 and the next one is the relationship between Venus and Saturn.
- 20 - The Cycle 2737 years is a real cycle found to record the events.
- 21 - The planets data analysis shows that Uranus effects vertically on the solar system
- 22 – and Uranus by this effect prevent any overturn motion can be done by any planet
- 23 and by that Uranus help to unify the planets general motion around the sun.
- 24 - Uranus Data Analysis shows that – there's a perpendicularity in the solar system
- 25 motion – based on that we conclude – "The is on vertical line relative to Uranus –
- 26 means – There's 180 degrees between the sun and Uranus on the vertical level.

30 **Paper References**

31 The Sun Creation Reason And Effect (II)

32 <https://vixra.org/abs/2004.0534>

33 or

34 [https://www.academia.edu/42815133/The Sun Creation Reason And Effect II](https://www.academia.edu/42815133/The_Sun_Creation_Reason_And_Effect_II)

35 Session

36 <https://www.academia.edu/s/2ceee93147>

37 or

38 <https://www.slideshare.net/Gergesfrancis/the-sun-creation-reason-and-effect-ii>

2- Methodology

Let's remember one of Einstein basics questions in following

Why The Matter Electromagnetic Properties Can't Predict The Matter Mechanical Properties?! i.e.

How the matter is created?

Why Earth Circumference = 40080 km = the (5) inner planets diameters total?

Lorentz add more depth for this investigation – so let's ask 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

(1st) 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 resultsAnd

(2nd) If the particle real (and correct) data is found when this particle motion relative to 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?

We can perform no progress unless we answer this question...

The Observer Effect Concept add more depth for this same investigation

- Why does a particle behave as particle and not as a wave after its observation? How the observer effect on the particle nature?
- It's some strange experiment – before the observation we have (particles or waves) but after the observation we have particles only! Why?

How the matter is created?

Let's imagine we have 2 observers travel with light velocity (0.3mkm/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.

Methodology

How the previous discussion can explain the research methodology?

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..

1 **3- Planets Order Analysis**

2 3-1 Preface

3 3-2 Mars Migration Proves Revision (5 Proves)

4 3-3 Pluto Migration Proves Discussion

5 3-4 Jupiter & The Inner Planets Relationship

6 3-5 Jupiter Energy Analysis

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8 **3-1 Preface**

9

10 The Solar Planets Order Analysis provides the first reason behind the Claim that

11 **The Earth Is Older Than The Sun**

12 Why?

13 I have concluded that –The solar planets order – Before the Sun Creation was

14 - Mercury (where Pluto was The Mercury Moon) – then Mars –then Venus – Then
15 Earth- The Uranus – Then Neptune – Then Jupiter –The orbital distances of
16 Mercury – Venus – Earth - aren't changed.

17
18 - **Why is this the planets original order?**

19 - Because this order depends on the planet diameter and mass – we have learnt that
20 from **Mercury – Venus – Earth** order- where the 3 planets data are in order –
21 Diameters, Masses And Orbital Distances

22

23 **Does Planet orbital distance depend on Planet diameter and mass?**

24

25 **Kepler may answer that**

26 "Kepler thus assumed that the volumes of the planets were proportional to their distances to
27 the sun and the quantity of matter they contained to the square root of this distance, so that
28 planetary densities varied inversely as square root of the orbital radius and is this ad hoc
29 way be could reproduced his third law (T^2 varies with a^3) and absorb into physical
30 Astronomy" "From Eudexus to Einstein A history of Mathematical astronomy" (page 198-
31 199) C.M. Linton – Cambridge university Press...

32

33

34 But this paragraph proves nothing! The planets current order analysis is part of Mars
35 Migration proves will be discussed in next point immediately – here let's discuss the
36 ancient order (as I suppose)

37

38

1 **(The Discussion –Part I)**

2

3 **The Planets Ancient (Supposed) Order**

4 Mercury (where Pluto was The Mercury Moon) – then Mars –then Venus – Then
5 Earth- The Uranus – Then Neptune – Then Jupiter –The orbital distances of Mercury
6 – Venus – Earth - aren't changed.

7

8 With the sun Creation – many changes supposed to be happened
9 Mars had migrated to (227.9 mkm) and Jupiter be nearer to Mars (778.6 mkm) in
10 place of the solar system end point (5906 mkm) – then
11 Neptune tried to occupy the point (5906 mkm) which is empty now because Jupiter is
12 moved already – then –

13 Pluto had came and collided with Neptune pushed it to (4495.1 mkm) and occupied
14 the solar system end point (5906 mkm) –

15 Now

16 This mystery can be proved by Titius Bode Law- because it predicts correctly for
17 Pluto orbital distance but failed to predict Neptune orbital distance Why?

18 Because this point was Neptune point and Pluto pushed Neptune to the point (4495.1
19 mkm) which is not defined in the solar system

20 I want to say that

21 The point 5906 mkm is defined by the solar system geometry because it's the end
22 point in the solar system and been occupied by Jupiter – so this point 5906 mkm is
23 defined geometrically in the solar system-so any law controls the solar system
24 geometry will define this point easily

25 But the point 4495.1 mkm (Neptune orbital distance) is not defined geometrically –
26 this point Neptune had to go because of Pluto collision with it

27 Because of that

28 **Neptune Pluto Distance = Pluto eccentricity Distance**

29 i.e.

30 Pluto Pushed Neptune to end of its eccentricity distance simply regardless where
31 Neptune will be – that's why the point (4495.1 mkm) can't be defined by Titius Bode
32 Law.

33

34 Now let's analyze this order in more depth in following

35

36

37

(The Discussion –Part II)

How the current order is done? Let's write it in following

The Sun –Mercury –Venus –Earth – Mars-Jupiter – Saturn– Uranus – Neptune -Pluto

We have 3 basic points which shows that – this order isn't created by the sun effect

Let's write them in following

❖ **Mercury Pluto Distance =5848 mkm**

❖ **Jupiter Pluto Distance = 5127 mkm**

❖ **Mercury Orbital Distance = 58 mkm**

These 3 distances prove that the solar planets order doesn't created by the sun effect

Let's take a deep look her

5848 mkm (Mercury Pluto Distance) =5040 seconds x 1.16 mkm /se

This Equation tells us that – If there's a light with velocity 1.16 mkm/sec – so during 5040 seconds this light beam travels from Mercury to Pluto – Now Mercury day needs 5040 seconds to be 176 solar days.

5127 mkm (Jupiter Pluto Distance)

This distance we analyze deeply in (Jupiter Energy Analysis Sub-Point 3-5) – this distance analysis shows that it's built based on a light beam with velocity =1.16 mkm

The analysis has no any doubt that this light beam is found –

Please review the sub-point 3-5 to see the truth

58 mkm (Mercury Orbital Distance)

This distance is found depend on a light beam its velocity = 1.16 mkm/sec

Where **1.16 mkm x 50 seconds =58 mkm**

Now where is the number 50 seconds in Mercury data

58.66 seconds x 0.99 = 50 seconds And Mercury rotation period =58.66 solar days

If 1 day of Mercury Motion = 1 second of light motion – so both be equal

The Argument

The previous data aims to explain that – Mercury, Jupiter and Pluto orbital distances are defined on a light beam with velocity 1.16 mkm/sec -

- Pluto Point is defined by the period 5040 seconds which is owned by Mercury (Pluto was The Mercury Moon) –any way Pluto orbital distance isn't defined by the sun

- Jupiter Pluto Distance is defined by the light velocity 1.16 mkm/sec based on 2 solar days – and that means Not the sun is the responsible for this distance

- Mercury orbital distance is defined based on light velocity 1.16 mkm/sec depending on Mercury rotation period – The sun is NOT responsible for this distance definition

1
2 - Of course it's impossible the three planets distances definitions depend on 1.16
3 mkm/sec by pure coincidences where these planets data define the distances
4 relative to 1.16 mkm/sec – surely there's a light beam with velocity 1.16 mkm/sec
5 even if we can't observe it.

6
7 **Now How The Sun Position Is Defined**
8 By 2 methods (because the sun unify the planets spite their migration)
9 One method by Uranus found in the end of this paper
10 The second method is here

$$(5678.1 \text{ mkm (Mars Pluto Distance)} / 144 \text{ mkm}) = 5906 \text{ mkm Pluto} \\ \text{Orbital Distance} / 149.6 \text{ mkm earth orbital distance})$$

14
15 Where 144 mkm = Mars Displacement = 227.9 mkm – 84 mkm

16
17 What does this equation tell us?

18
19 The sun position is defined relative to Pluto and Earth orbital distances **Based On**
20 The Rate Mars created between Mars distance to Pluto relative to Mars displacement!
21 ???

22 Mars defines the sun Position! How

23
24 Mars be in its new orbital distance (227.9 mkm) and measure its distance to Pluto and
25 to its original point - the rate between these 2 points - earth and Pluto used to define
26 the sun position...

27
28 **The conclusion**

The Sun Is A Result Of The Planets Motions And Not Their Reason

31
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33
34
35 Very important to review

36 **Jupiter Energy Analysis (Sub-point 3-5)**

37 And

38 Jupiter & The Inner Planets Relationship (Sub-point 3-4)

39 **Please Note**

40 The solar planets current order analysis is found among Mars Migration proves (sub-point
41 3-2)

42

3-2 Mars Migration Proves Revision (5 Proves)

(1st proof) The Giant –Impact Hypothesis (The Geological Proves)

(2nd proof) The Planets Order Analysis

(3rd proof) Mars migration Results

a- The Earth Moon Creation

b- Mars Moons Creation

c- Mars Diameter (and Mass) decreasing

d- The Asteroid Belt Creation

(4th proof) Planet Effect On Its Neighbor

(5th proof) Mar migration Motion Direction

(1st proof) The Giant –Impact Hypothesis (The Geological proves)

As the paper abstract shows how Mars theory is in consistency with The Giant-
Impact 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...

1 **(2nd proof) The Planets Order Analysis**

2 Mars migration theory is born basically based on the planets order analysis

3
4 *(Mercury – Venus – Earth)*

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

7 **A Greater Diameter Or Mass Needs A Greater Orbital Distance**

8

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

10 But –

11 *(Jupiter – Saturn – Uranus – Neptune – Pluto)*

12 the outer planets order shows that the rule depends on planet diameter (and not mass
13 because Uranus Diameter is greater than Neptune but less Mass) and the rule is
14 reversed from the previous one

15 i.e.

16 **A Greater Diameter Needs A Shorter Orbital Distance –**

17 This analysis refers to that Mars may be found in a wrong position in the planets
18 order and this wrong position causes a disturbance for the planets order – based on
19 this analysis Mars migration theory can be concluded ... to get **the correct answer**
20 we need to know if **There's A Real Relationship Between Planet Diameter And**
21 **Orbital Distance.** –

22

23

1 **(3rd proof) Mars migration Results**

2 a- The Earth Moon Creation

3 b- Mars Moons Creation

4 c- The Asteroid Belt Creation

5 d- Mars diameter Decreasing (4.1%)

6 e- Mars Mass Decreasing (4.1%)

8 Simply we have a reason to answer Why Venus has no moon but Mars (mass =1/13)
9 has 2 moons?!

10 The fact shows itself clearly – there were no debris around Venus to create a moon!
11 But Mars had!? Why? because of the Motion Direction

12
13 Mars had moved from the Point (84 mkm) to the point (227.9 mkm) from the sun and
14 pushed all debris with it in the same motion direction – so no debris left around
15 Venus – because all debris had moved with Mars in its Motion Direction

16
17 Now if we practice such event – what expectation we may conclude?

18 Mars Diameter (and Mass) must be decreased

19 i.e.

20 Mars Diameter (and Mass) must be decreased than their values when Mars was in its
21 original orbital distance (84 mkm)

22 **Can this conclusion be proved?**

23 The gravitation Equation works only with Saturn and Jupiter Masses – where

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

24
25
26
27
28 **If Mars Mass is increased by 4.1% the gravitation equation can work**

$$\frac{(\text{Mercury orbital distance } 57.9 \text{ mkm})^2}{(\text{Mars original orbital distance } 84 \text{ mkm})^2} = \frac{\text{Mars Mass } 0.668}{\text{Mercury Mass } 0.33}$$

32
33 (Equation Error 3.4%)

34 **Question (1)**

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

36 Because of Mars migration which caused disturbance for the planets order

37 **Question (2)**

38 Is there any proof that Mars Diameter is decreased by the same rate (4.1%) **Yes**

39 Mercury orbital distance 57.9 mkm = Mercury Diameter 4879 km x 10⁹

40 Earth orbital distance 149.6 mkm = Earth Diameter 12756 km x 10⁹

41 Saturn orbital distance 1433.5 mkm = Saturn Diameter 120536 km x 10⁹

42 Mars (org) orbital distance 84 mkm = Mars (org) Diameter 7070km x 10⁹

43
44 **(Mars Diameter 7070 km is increased than the Mars registered diameter 6792 km**
45 **with 4.1%)**

1 **(4th proof) Planet Effect On Its Neighbor**

2 Let's summarize the idea in following...

- 3
4 - I claim each planet effect on its neighbor planet data and motion
5 - I provide data shows such effect (for example Earth effects on Mars Motion)

6 So

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

9 **I- Data**

10 (1)

11 $687 \text{ days (Mars orbital period)} = 365.25 \text{ days (Earth orbital period)} \times 1.9$

12 $687 \text{ days (Mars orbital period)} = 27.3 \text{ days (The moon orbital period)} \times 25.2$

13 But 25.2 degrees = Mars axial tilt and 1.9 degrees = Mars orbital inclination

14 Also $25.2 \text{ deg (Mars axial tilt and)} = (1.9 \text{ deg. Mars orbital inclination}) \times 13.18 \text{ deg.}$

15 Where

16 The moon motion degrees daily = **13.18 degrees**

17 We should not limit our discussion for just Data consistency – let's see its depth

18 Because

19 Mars moves per solar day = 0.524 degrees (=360 degrees /687 days)

20 The value 0.524 degrees = (1/1.9) where 1.9 degrees = Mars orbital inclination

21 i.e.

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

23 (2)

24 **$4331 \text{ days (Jupiter orbital period)} = 687 \text{ days (Mars orbital period)} \times 2 \pi$**

25 **II-Discussion**

26 The previous data shows that Earth and moon on one side and Jupiter on the other
27 side all of them effect on Mars orbital period (i.e. effect on Mars Motion)

28 **More Data**

29 **Equation No. (1)** $\left(\frac{\text{Mercury Diameter}}{\text{Mars Diameter}}\right)^2 = \frac{\text{Mars Mass}}{\text{Mercury Mass}} = 0.524$

30
31
32 **Equation No. (2)**

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

33 **Equation No. (3)**

$$\frac{\text{Mars Day } 24.7 \text{ hours}}{\text{Earth Day } 24 \text{ hours}} = \frac{\text{Earth Orbital Period } 365.25 \text{ days}}{\text{Moon Synodic Year } 354.36 \text{ days}} = 1.029$$

34
35
36
37
38 **Equation No. (5)**

39
40 **$7 \text{ deg. (Mercury Orbital Inclination)} = 1.9 \text{ deg. (Mars Orbital Inclination)} + 5.1$**
41 **$\text{deg. (Earth Moon Orbital Inclination)}$**
42

- 1 **(5th proof) Mar migration Motion Direction**
2 Let's summarize the idea in following
3 - The solar system has one defined motion which is the planets revolution around
4 the sun
5
6 - Mars Motion from (84 mkm) to (227.9 mkm) is a new direction of Motion is
7 unknown in the solar system
8
9 - In this point I refer to another motion started from Jupiter to Pluto – and this
10 motion is in the same direction of Mars migration Motion which makes Mars
11 migration Motion is a defined motion in the solar system and not a unique one
12
13 Please review Jupiter Data Analysis in my previous paper
14
15 The Giant-impact hypothesis supports,, Mars Immigration Theory,, (III)
16 <https://vixra.org/abs/2003.0521>
17 Also
18 Can Titius Bode Law Disprove Mars Immigration Theory?
19 <https://vixra.org/abs/2004.0292>
20
21 Does Mars Effect on the Earth Moon Motion?
22 <https://vixra.org/abs/2004.0264>
23
24 Can we explain the solar Planets Order?
25
26 The Solar Planets Order Still Shows More Puzzles
27 <https://vixra.org/abs/2004.0086>
28
29
30

1 **3-3 Pluto Migration Proves Discussion**
2

3 Pluto Migration Story is written in the preface (3-1)
4

5 Now let's summarize the proves in following
6
7

8 **The Basic Proves Are:**
9

- 10 1- Pluto Data shows that, **Pluto Was Belonged To The Inner Planets**
11
12 2- Pluto Moons and the **The Kuiper Belt** shows that –Some collision is occurred
13 here similar to the collisions of Mars with Venus and Mars with Earth. – So the
14 logical conclusion tells that Pluto may collide with Neptune
15
16 3- Titius Bode Law predicts perfectly Pluto orbital distance but Not Neptune,
17 Where Neptune Only can't be defined by Titius Bode Law that tells some
18 disturbance is found here for some reason
19 This idea is discussed deeply in the preface –please review it
20
21 4- Pluto Eccentricity Distance = Pluto Neptune Distance = Neptune Orbital
22 Distance/ π ----- This data tells that there's some interacting effect between
23 Pluto and Neptune.
24
25

26 Now let's provide our proves –basically I provide the data which shows that Pluto
27 was belonged to the inner plants -
28

1 **Pluto Was The Mercury Moon**

2 **I-Data**

3 1- Pluto Orbital inclination =17.2 degrees =17.4 x 0.99

4 Orbital Inclinations Total (Mercury 7+ Venus 3.4+ the moon 5.1+ Mars 1.9= 17.4 degrees)

5 2- Pluto diameter = Mercury radius (error 2%)

6 3- Mercury circumference x Pluto circumference = Mercury orbital diameter (115.2 mkm)

7 4- (Venus diameter/ Pluto diameter) = (Pluto orbital inclination 17.2/ Venus orbital
8 inclination 3.4) = 5.06 (Moon orbital inclination = 5.1 degrees)

9 5- (Mars diameter/ Pluto diameter) = (solar planets diameter total / Jupiter diameter)
10 (solar planets masses total/ Jupiter mass)

11 6- 2 x Venus diameter x Pluto diameter = 57.9 mkm (Mercury orbital distance)

12 7- 2 x Saturn circumference x Pluto circumference = 5720 mkm (Earth Pluto distance)

13 8- 4 x Saturn diameter x Venus diameter = Pluto orbital distance 5870 mkm

14 9- (Earth Velocity /Pluto Velocity) +(Pluto Day/ Earth Day)

15 **More Data**

16 1- 5040 seconds x 1.16 mkm/sec (light higher velocity) = 5906 mkm (Pluto
17 Orbital Distance)

18 2- 5040 seconds x 47.8 km/sec (Mercury velocity) = 2 x 120536 km (Saturn
19 diameter)

20 3- 4.095 mkm (Mercy Velocity Daily) x 1433.5 days = 5906 mkm
21

22 **II-Discussion**

23 The previous data is a strong proof for the claim- that Pluto was the Mercury moon –
24 we need to look patiently to this data – first why Pluto should be mercury moon?
25

26 - The planets order analysis which we have done with Mars shows that the planet
27 orbital distance depends on the planet diameter – Pluto the smallest diameter and
28 should be the most near to the sun

29 - Any equation of the previous can prove this claim!

30 **Equation No.(1)**

31 Pluto Orbital inclination = 0.99 of the inner planets orbital inclination total why?

32 Earth Circumference = The inner (5)planets diameters total - why

33 It's the data behavior –the data is created by this method depending on each other and
34 because Pluto was belonged to the inner planets its data shows that

35 **Equation No.(2)**

36 Pluto diameter = Mercury radius (error 2%)

37 Logically is Pluto had collided –that may decrease its diameter – so may Pluto diameter
38 = Mercury radius but after the collision with Neptune the difference 2% is found.

1 **Equation No.(3)**

2 Mercury circumference x Pluto circumference = Mercury orbital diameter (115.2
3 mkm) the data shows the dependency between each other

4 **Equation No.(4)**

5 (Venus diameter/ Pluto diameter) = (Pluto orbital inclination 17.2/ Venus orbital
6 inclination 3.4) = 5.06 (Moon orbital inclination = 5.1 degrees)

7 It's clear data which supports greatly the argument.

8 For more discussion please review

9 Pluto was "The Mercury Moon" <https://vixra.org/abs/1807.0331>

10
11 Why couldn't Titius Bode Law predict Neptune's orbital distance?

12 <https://vixra.org/abs/2004.0509>

13 or

14 https://www.academia.edu/42803181/Why_couldnt_Titius_Bode_Law_predict_Neptune_s_orbital_distance

15 or

16 <https://www.slideshare.net/Gergesfrancis/why-couldnt-titius-bode-law-predict-neptunes-orbital-distance>

17 **Please Note**

18 1- 5040 seconds x 1.16 mkm/sec (light higher velocity) = 5848 mkm (Pluto
19 Orbital Distance)

20 2- 5040 seconds x 47.8 km/sec (Mercury velocity) = 2 x 120536 km (Saturn
21 diameter)

22 3- 4.095 mkm (Mercury Velocity Daily) x 1433.5 days = 5848 mkm

23 A light with (supposed) velocity 1.16 mkm passes during 5040 seconds (the needed
24 period for Mercury day to be 176 days) will pass a distance = Mercury Pluto Distance
25 (5848 mkm)

26 Now

27 Mercury moves during 346.6 days (the nodal year) a distance = 1433.5 mkm (Saturn
28 orbital distance) but during 1433.5 days Mercury moves 5848 mkm (Mercury Pluto
29 Distance) that means mercury save (5040 seconds) because it defines its distance to
30 Pluto –

31 **Please Note**

32 (1)

33 17.4 degrees = 7 degrees (Mercury orbital inclination) x 2.5 degrees (Saturn orbital
34 inclination) (please remember 17.4 x 0.99 = 17.2 degrees Pluto Orb. Inclination)

35 (2)

36 Mercury moves during 5040 seconds a distance =2 Saturn diameters (1%)

37 (3)

38 Saturn orbital distance = (Saturn diameter)² / π²(error 2%)

39 The data needs more analysis –but it's written in other papers – Mercury & Saturn
40 relationship is so deep and need more discussion – and this relationship is found
41 because of Pluto which was the Mercury Moon and now is migrated too far from it
42 and needs a connection point between both which is Saturn.

43

44

3-4 Jupiter & The Inner Planets Relationship

Let's summarize the idea of this sub- point in following

The Main Idea

The inner Planets define their orbital circumferences based on their distances to Jupiter – this process is done because the planet motion depends on light motion –

But

Mars is exceptional here also because of Mars Migration –for that reason – Mars defines its orbital circumference depends on Saturn orbital distance

No one Planet of the (4) inner planets define its orbital circumference relative to the sun position and that proves the paper claim – that the planets motions don't depend on the sun gravity – on the contrary –the sun is a result of the planets motions and NOT Their reason.

I- Data

Let's remember the introduction data

a. Venus Jupiter distance 670.4mkm = Venus orbital circumference 680 mkm (1.4%)

b. Earth Jupiter distance 928 mkm = Earth orbital circumference 940 mkm (1.3%)

c. Mercury moves during its day period a distance = 720.7 mkm = Mercury Jupiter distance. (no error)

New Data

Equation No. (1)

3413 mkm =360 mkm (Mercury)+680 mkm (Venus) +940 (Earth) mkm +**1433 mkm**

Equation No. (2)

4900 mkm (Jupiter Orbital Circumference) = 3413 mkm +**1433 mkm**

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 mkm = The Inner Planets Orbital Circumferences Total

As the equation shows clearly- this idea we know perfectly

Equation No. 2

4900 mkm = Jupiter orbital circumference = 3413 mkm +**1433 mkm**

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 –

1 i.e. The orbital circumferences of these 5 planets (Jupiter & the inner planets) are
2 created by a mutual relationship between the inner planets and Jupiter.

3
4 The idea is clear but not trusteeWhy?

5 **Because**

6 (1)

7 Venus during its orbital period (224.7 days) moves a distance =680 mkm =Venus
8 Jupiter Distance 670.4 mkm (1.4%) – so Venus almost supports the idea

9 (2)

10 Earth follows the rule as Venus perfectly but – the distance 928 mkm can be created
11 only when Earth and Jupiter be at different sides from the sun that means – Earth
12 orbital distance 149.6 mkm + Jupiter orbital distance 778.6 mkm= 928 mkm which is
13 equal 940 mkm (Earth orbital circumference) (1.3%)

14 (3)

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

18 (4)

19 **Mars**

20 Mars moves during its orbital period (687 days) a distance = 1433 mkm = Saturn
21 Orbital Distance.

22 Spite Mars Orbital Distance 1433 mkm is used in Jupiter orbital circumference
23 definition (2 times), but Mars Orbital Distance isn't defined by the distance between
24 Mars And Jupiter!

25

26 **A Deep Discussion**

27 Let's summarize the idea clearly

- 28 - By some way Jupiter effect on 3 inner planets to make them create their orbital
- 29 circumferences = their distances to Jupiter (Approximately)
- 30 - Mars orbit circumference is defined by Saturn effect
- 31 - Jupiter Orbital Circumference is created depends on the inner planets orbital
- 32 circumferences total
- 33 - So, **There's A Mutual Relationship** between Jupiter and these 3 inner planets
- 34 (Mercury, Venus and Earth)

35 The idea is clear We have only 2 questions

- 36 - **1st Question** / How Jupiter effect on the 3 inner planets orbital circumferences?
- 37 - **2nd Question** / Why Mars orbital circumference is exceptional? Spite of that still
- 38 works as a partner in Jupiter orbital circumference (even with double values of
- 39 Mars Orbital Circumferences)?

40
41 Let's answer the first question in the next point...

42

43

1 **Jupiter Creates The 3 Planets Distances**

2 **I- Data**

3 Equation No. (3)

4 Light with velocity 1.16 mkm/sec during (**4224** seconds) passes a distance = 4900
5 mkm = Jupiter orbital circumference (But **Mercury Day Period** = 4222.6 hours)

6 Equation No. (4)

7 **4224** mkm = $2\pi \times 670.4$ mkm (Venus Jupiter Distance) (0.2%)

8 Equation No. (5)

9 (5040 seconds / **4224** seconds) = (778.6 mkm / 149.6 mkm)

10 Where

11 Mercury Day Period needs 5040 seconds to be 176 days

12 And

13 788.6 mkm = Jupiter Orbital Distance 149.6 mkm = Earth Orbital Distance

14 Equation No. (6)

15 4331 days (Jupiter Orbital Period) = **4224** x 24.6 hours (Mars rotation Period)

16 **II- Discussion**

17 **Equation No. (3)**

18 This equation tells us a light passes Jupiter orbital circumference in **4224** seconds that
19 creates the relationship between Jupiter and the inner planets –

20 Simply a light beam is sent from Jupiter to the inner planets and this light beam
21 (energy) creates this effect of Jupiter on the inner planets

22 Simply this effect is seen in The Value **4224** Seconds

23 This value is seen in different forms in the solar planets – means – it's seen in time
24 period or distance value – because we deal with light motion (high velocity motion)
25 and because of that the value **4224** is seen in different forms in the inner planets and
26 these different forms causes the change in the rule (the inner planet define its orbital
27 circumference to be equal its distance to Jupiter) – this rule isn't followed perfectly by
28 the 3 inner planets in the form because each planet receive the **4224** in different form.

29 So

30 Mercury sees the value **4224** as 4222.6 hours (Mercury Day Period)

31 Venus sees the value **4224** as 4224 mkm (= $2\pi \times 670.4$ mkm Venus Jupiter Distance)

32 Earth sees the value **4224** as 4224 seconds in the following equation

33 **Equation No. (5)**

34 (5040 seconds / **4224** seconds) = (778.6 mkm / 149.6 mkm)

35 So, Earth orbital distance is created relative to Jupiter orbital distance based on the
36 rate between 5040 seconds and the value **4224** seconds –

37 And based on both orbital distances – the distance between Earth and Jupiter is
38 created $928 \text{ mkm} = 778.6 \text{ mkm} + 149.6 \text{ mkm}$

39 **Equation No. (6)**

40 4331 days (Jupiter Orbital Period) = **4224** x 24.6 hours (Mars rotation Period)

41 **Note please**

42 4331 days (Jupiter Orbital Period) = 687 days (Mars orbital Period) x 2π

1 Equation No.6 tells, Jupiter Value (4224) can't effect on Mars Orbital Circumference
2 (1433.5 mkm) because Mars Orbital Circumference = Saturn Orbital Distance – and
3 that means – Saturn effects on Mars Orbital Circumference – but still the value 4224
4 effects on Mars data through its Mars rotation period – and based on this effect –
5 some dependency is created between Mars & **Jupiter Orbital Periods**

6 7 **Please Note**

8 Mercury and Mars deal with the value 4224 as a period of time – but
9 Venus deals with this same value 4224 as a distance value – and
10 Earth deals with this same value 4224 as a rate with another value (5040 seconds)
11 (5040 seconds is required to make Mercury Day Period = 176 solar days)
12

13 A Conclusion

14 **Jupiter Practices Some Effect On All Inner Planets By The Value 4224 – And**
15 **Through This Effect – 3 Planets Orbital Circumferences Are Created To Be**
16 **Equal These Planet Distances To Jupiter.**
17

18 But

19 By what energy these 3 inner planets were created? **Because**

20 We have concluded frequently before that...

21 The 3 planets circumferences (Mercury, Venus & Earth) must be created by the
22 Energy reflected by Neptune into 2 Trajectories of energy – each one contains (86400
23 mkm) (this question we should deal in Point No. 4 of this paper "**Jupiter Energy**")

24 So for now we will accept the following Conclusions
25

26 The Conclusions

27 (1)

28 These 3 inner planets circumferences are created by this light beam whose velocity
29 1.16 mkm/sec travels for 4224 seconds, And because of that – the 3 planets define
30 their orbital circumferences to be equal their distances to Jupiter –

31 (2)

32 Jupiter Orbital Circumference Is Created depends On The Inner Planets Orbital
33 Circumferences.

34 (3)

35 i.e.

36 There's A Mutual Effect Between The Inner Planets & Jupiter
37

38 For more discussion please review

39 Jupiter And Venus Motions Interaction

40 <https://vixra.org/abs/2003.0357>

41 Jupiter Effect On Pluto Motion

42 <https://vixra.org/abs/2003.0415>
43

1 **3-5 Jupiter Energy Analysis**

2 *Let's write the idea in following*

3 **The Main Idea**

4 Jupiter Energy tries to show that there's a light beam its velocity =1.16 mkm/sec
5 This light beam value is found in the distance between Jupiter and Pluto because this
6 light beam is the creator of the distance (Space=Energy)
7 Let's analyze the distance between Jupiter and Pluto in following...

8 (1)

9 Jupiter sends the energy to Pluto – Jupiter energy is sent in a light beam form, where
10 this light beam velocity =1.16 mkm/sec – Jupiter continued sending its energy for 2
11 full solar days (2 x 86400 seconds)

12 (2)

13 This light beam passes during the period =1.16 mkm/s x 2 x 86400 s = **202584 mkm**

14 So

15 During 2 solar days, light with velocity 1.16 mkm/s passes a distance = **202584 mkm**

16 (3)

17 This Energy reach to Pluto – but Pluto reflected this full energy again to Neptune –
18 **That means** Pluto didn't use any of this energy but Pluto reflected it to Neptune.

19 (4)

20 Neptune – in that time – had no an orbital circumference – for that reason – Neptune
21 used part of the sending energy to build its orbital circumference (28255 mkm)

22 Specifically Neptune used 14% of the total energy to build its orbital circumference

23 (3)

24 After Neptune Orbital Circumference Building

25 The rest of energy = 86% (= 2x 86400 mkm) ,

26 this energy Neptune reflected to the inner planets –into 2 equal trajectories of Energy,
27 Each Trajectory contains an energy =43% of the total =86400 mkm

28 (4)

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

31 (5)

32 Also Neptune reflected the second Trajectory of energy contains (86400 mkm) to
33 Jupiter and then to Mercury (Jupiter doesn't use any of the energy – Jupiter directed
34 the energy only toward Mercury to reach Mercury = 86400 mkm completely)

35 (6)

36 How we know this story and the values?! Because **Distance = Energy**

37 (7)

38 So all distances I have referred are real distances – and that means – these real
39 distances are created based on the previous story which force us to conclude that a
40 light velocity 1.16 mkm/sec must be found in the solar system

41 (8) The distances values analysis force us to accept that a velocity of 1.16 mkm/sec must be
42 found behind these distances creation –let's analyze and discuss that deeply as possible in
43 following:

1 **Jupiter Energy Analysis**

2 (Equation No. a)

3 (Pluto Orbital Circumference-Jupiter Orbital Circumference) $\times 2\pi = 202584 \text{mkm}$

4
5 1.16 mkm/sec $\times 2 \times$ 86400 seconds $= 202584 \text{mkm}$

6
7 (Equation No. b)

8 **202584 mkm =**

9 28255 mkm (Neptune Orbital Circumference) +

10 2 x 86400 mkm

11 (Equation No. c)

12
13 (Neptune orbital Circumference –Earth orbital Circumference) $\times \pi = 86400 \text{mkm}$
14 (Error less 1%)

15 **Discussion**

16 **Equation No. a**

17 (Pluto Orbital Circumference -Jupiter Orbital Circumference) $\times 2\pi = 202584 \text{mkm}$

18 **Jupiter & Pluto Orbital Circumferences Difference $\times 2\pi = 202584 \text{mkm}$**

19 **Also**

20 Light with velocity 1.16 mkm/s during 2 solar days passes a distance = **202584mkm**

21 **Equation No. b**

22 This equation tells a simple information – from a distance = **202584mkm** we minus
23 Neptune orbital circumference (28255 mkm)- The rest of energy = **2 x 86400 mkm**

24 **Equation No. c**

25 This equation tells that the value 86400 mkm reach to Earth (or Venus)!

26 **First, Why this prove any thing??**

27 Because we use the same equation!!

28 The difference between Neptune & Earth Circumferences $\times \pi = 86400 \text{mkm}$

29 This is the same equation by which the energy is sent from Jupiter to Pluto – it's NOT
30 similarity for some numbers – it's the same motion of energy- so the same equation
31 and the same amount of energy are used

32 **Second**, to where the energy is sent, because if we use Neptune Earth circumferences
33 difference or Neptune Venus circumferences difference – the error will be less 1%
34 give no direction to the energy transportation– so the 1st trajectory energy is sent to
35 Earth or Venus?!

36 **To both together** – the energy is reach to a point 120 mkm from the sun and from
37 this point the energy (86400 mkm) is divided for 2 Planets (Earth and Venus)

38 **Third**,

39 The difference between (Neptune & Mercury) orbital circumferences $\times \pi = 86400 \text{mk}$
40 (error 1.5%)

41 So – why this energy must be passed through Jupiter – why not directly to Mercury?

42 Because Mercury Jupiter Distance = 720.7 mkm and

43 720.7 mkm $\times 2\pi = 4495.1 \text{mkm}$ (Neptune orbital distance)- later we'll discuss it.

More Deep Discussion

QUESTIONS AND ANSWERS

(1)

Why does the previous data prove the story?

Shortly

The value **202584mkm** is used 3 times in the previous data

(1) As the result of **Jupiter Pluto Circumferences Difference x 2π**

(2) As a distance passed by light with velocity 1.16 mkm/s during 2 days

(3) As the total = 28255 mkm + 2 x 86400 mkm

Where (28255 mkm = Neptune orbital circumference) and (86400 mkm = Neptune – Earth orbital circumferences difference x π) 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** ...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 4495.1mkm =

= **Earth Venus distance 41.4 x Venus orbital distance 108.2**

= **Mercury Orbital Distance 57.9 x Earth Mars distance 78.3**

= **Mercury venus distance 50.3 x Mercury Earth distance 91.7** (error 2.5%)

Simply the inner planets define their distances with a limit which is Neptune orbital distance- Why? because **Neptune reflected their energy**

Group No. (II)

Jupiter Orbital Circumference

360 mkm (Mercury Orbital Circumference) + 680 mkm (Venus Orbital Circumference) + 940 mkm (Earth Orbital Circumference) + 1433.5 mkm (Mars Orbital Circumference) x 2 = 4900 mkm (Jupiter Orbital Circumference) (**error 1%**)

Shortly

the inner planets orbital circumferences total = Jupiter orbital circumference! Why? because Jupiter energy is their creation source – the inner planets are created because of Jupiter energy - and **Energy = Distance** – that explains the data clearly-

Note Please

For a geometrical necessity Mars Orbital Circumference is used 2 times in the previous summation (**Later we'll have more deep discussion**).

Group No. (III)

Jupiter Orbital Distance

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

Note Please

(1)

When Earth and Jupiter are at 2 sides from the sun so $930 \text{ mkm} = 778.6 \text{ mkm} + 149.6 \text{ mkm}$ – 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.
$$\frac{778.6 \text{ mkm Jupiter Orbital Distance}}{720.3 \text{ mkm Jupiter Mercury distance}} = 1.0725 \quad (0.7\%)$$

2.
$$\frac{720.3 \text{ mkm Jupiter Mercury distance}}{670 \text{ mkm Jupiter Venus Distance}} = 1.0725 \quad (\text{No Error})$$

3.
$$\frac{670 \text{ mkm Jupiter Venus Distance}}{629 \text{ mkm Jupiter Earth Distance}} = 1.0725 \quad (0.6\%)$$

1 **4- The Sun Data Analysis**

2 4-1 Preface

3 4-2 The Sun Gravity

4 4-3 The Sun Diameter

5

6 **4-1 Preface**

7

The Main Idea

8 **This point tries to show that the sun data is created depending on the planets**
9 **data –**

10 **That means**

11 **Because the Jupiter diameter (for example) =142984 km because of that –the sun**
12 **diameter =1.392 million km- the sun is a result of the planets motions and not**
13 **the reason**

14

15

16

17

18 The point provides my vision how the planets were before the sun creation and what
19 changes occurred because of the creation –I use the planets data analysis

20

21 2 Basic Concepts –I have to provide here –in following:

22 **(1st Concept)** – The Solar System is one body or one building –each planet is a part
23 of this same building – Because of that – the planet data is created relative and
24 complementary to other planet data

25 i.e. The solar planets aren't separated points from each other – on the contrary – they
26 are similar to a train carriages –all planets are connected with each other and move
27 together one unified motion – as a train

28

29 **(2nd Concept) – The Planets Motions are found before the Sun Creation**

30 The sun is a result of the planets motions and not their cause

31

32 Let's summarize the idea in following:

33

- 34 - The Planets Motions energies are accumulated on one point only (the sun point)
- 35 - The sun has a different rate of time. Specifically 1 solar day on the sun =1 year on
36 Earth (a hypothesis)
- 37 - The Planets Motion Energies during 1 sidereal year (365.25 solar days) – all this
38 energy is accumulated together on one point only and the sun can use the (year)
39 energy in (one day only)
- 40 - Based On That – The Planets Motions Mechanical Waves Energy Is Transferred
41 Into Light Wave Energy and the Sun rays are produced.

42

43 **Shortly**
44 This paper tries to prove that the sun rays energy origin is not the nuclear interactions
45 as the current theory learns – but the sun rays energy is created by the planets
motions energies accumulation.

4-2 The Sun Gravity

Gerges Equation For Planet Gravity

$$\text{The planet gravity} = \left(\frac{\text{Earth Diameter}}{\text{The Planet Diameter}}\right)^2 \times \left(\frac{\text{The Planet Mass}}{\text{The Earth Mass}}\right) \times \text{Earth gravity}$$

Table No. 1

Planet	Equation	Resulted	Registered	Error
The Sun	(Earth/Sun diameters rate)² (Sun Mass/Earth Mass)* earth gravity = (1/109)²* 333000*9.8= 274	274	274	0
Moon	(3.66) ² x (0.073 / 5.97) x 9.8	1.6 m/sec ²	1.6 m/sec ²	0
Mercury	(2.61) ² x (0.23/5.97) x 9.8	3.7 m/sec ²	3.7 m/sec ²	0
Venus	(1.0538) ² x 4.87 /5.97) x 9.8	8.9 m/sec ²	8.9 m/sec ²	0
Earth	9.8	9.8	9.8	0
Mars	(1.878) ² x (0.642 / 5.97) x 9.8	3.7 m/sec ²	3.7 m/sec ²	0
Jupiter	(0.0892) ² x (1898 / 5.97) x 9.8	24.7 m/sec ²	23.1 m/sec ²	6.9%
Saturn	(0.10582) ² x (568/5.97) x 9.8	10.44 m/sec ²	9 m/sec ²	16%
Uranus	(0.25) ² x (86.8/5.97) x 9.8	8.9	8.7	2.3%
Neptune	(0.2575) ² x (102/ 5.97) x 9.8	11.1 m/sec ²	11 m/sec ²	0.9%
Pluto	(5.337) ² (0.0131 / 5.97) x 9.8	0.6125 m/sec ²	0.6 m/sec ²	2%

Discussion

1. The big error with **Jupiter & Saturn** (6.9% and 16% respectively) –I claim that error is a result of relativistic effects found in the solar system

There Are Relativistic Effects In The Solar Group <http://vixra.org/abs/1903.0565>

2. We need to observe and analyze deeply **The Sun Equation** in row No.1 of the previous table, because this equation supports my claim that the sun is originated from the same source from which the solar planets were originated, otherwise why the sun herself follows the same equation? That supports my claim that, the sun rays is created depends on solar planets motions energies accumulation....

Note Please / the previous table disproves clearly the sun masses gravity concept – or at least provide a real doubts against.

For more discussion please review

The Sun Gravity Concept is Unreal (Proves)

<https://vixra.org/abs/1903.0569>

4-3 The Sun Diameter

The Sun Diameter

I-Data

(1)

The sun diameter 1.392 mkm = Jupiter **Diameter** $\times \pi^2$ (1.5%)

(2)

The sun diameter 1.392 mkm = Saturn **Circumference** $\times 3.66$

(3)

The sun diameter 1.392 mkm = Uranus **Diameter** $\times 27.3$

(4)

The sun diameter 1.392 mkm = Neptune **Diameter** $\times 28.3$

(5)

The sun diameter 1.392 mkm = Earth **Diameter** $\times 109$

(6)

The sun diameter 1.392 mkm = Venus **Diameter** $\times 115.2$

(6)

The sun diameter 1.392 mkm = Mars **Diameter** $\times 205.2$

(6)

The sun diameter 1.392 mkm = Mercury **Diameter** $\times 285.3 =$

(6)

The sun diameter 1.392 mkm = Pluto **Diameter** $\times 584$

II-Discussion

The previous rates aren't independent – for example

- The rate between Jupiter and the sun diameter is π^2 which has a geometrical meaning and can't be independent or common rate.

- Neptune produces the rate 28.1 where Neptune Axial Tilt = 28.3 degrees (0.7%)

- Uranus produces the rate 27.3 which is the basics argument in Uranus discussion – please review -Uranus Effect On Mars Migration <https://vixra.org/abs/2004.0421>

- Earth produces the rate 109 where the planet orbital distance is defined based on the planet diameter multiply with the rate 109^2 -and because of that

o Earth diameter $\times 109 =$ The Sun Diameter

o Earth diameter $\times 109^2 =$ Earth orbital distance

o Earth Moon diameter $\times 109 =$ Earth Moon distance

o Mercury diameter $\times 109^2 =$ Mercury orbital distance

o Saturn diameter $\times 109^2 =$ Saturn orbital distance

- I try to summarize the idea here that's why I refer in shorts sentences only – the data needs long discussion – but in next page we will discuss Venus and Mars Equations in full details to see how the sun diameter is created in fact depending on Venus and Mars Diameters

A conclusion "The sun diameter is created relative to the planets diameters"

The Sun diameter = 115.2 x Venus Diameter

Data (1)

- Mars Axial Tilt = 25.2 degrees (on the horizontal level)
- Mars Axial Tilt = **115.2** degrees (on the vertical level $115.2 = 25.2 + 90$)
- Mars Axial Tilt = **205.2** degrees (where $205.2 \text{ degrees} = 115.2 + 90$)

But

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

Why Venus diameter is so specific one?

Because

- **The sun diameter = 115.2 x Venus Diameter**
- **The sun diameter = 205.2 x Mars Diameter**

Note Please

- **In kepler Law ($P^3 / T^2 = \text{Constant}$)**) when we use the solar planets data in this equation the constant will be 25 – now the rate $25 = (25 \text{ degrees} / 1 \text{ degree})$ where $25.2 \text{ degrees} = \text{Mars Axial Tilt}$ –

Also

(1) Venus Diameter 12104 km = Mars diameter 6792 km x $\sqrt{\pi}$

(2) 3.4 degrees (Venus orbital inclination) x 0.524 degree = $\sqrt{\pi}$

Where 0.524 degrees = Mars Motion degrees daily (360 degrees / 687 days)

Discussion (1)

The previous data tries to show that – the Value 25.2 is so effective in the solar system geometry in different ways – where this value is seen in different forms – why because Venus & Mars diameters are relative to the sun diameter by this rate

The next data can help this explanation greatly

Data (2)

(Mars diameter 6792 km)² x π = (Venus Diameter 12104 km)² = 144 mkm

Mars Migration was from its original (84 mkm) to its current (227.9 mkm) with Displacement = **144 mkm**

That tells, Venus & Mars diameter were relative to each and they defined the displacement 144 mkm (because of the relationship between the planet diameter and orbital distance) –

And that means Mars & Venus Diameters weren't created relative to the sun but on the contrary the sun diameter is created relative to them where the sun is created later.

Note Please

The data in 5-2-1 needs long discussion for each equation – where Venus & Mars diameters discussion was just example – so I have summarized the idea only to make it as clear as possible.

1 **5- Saturn Data Analysis**

2 5-1 Preface

3 5-2 Saturn Data

4

5 **5-1 Preface**

6

7 Saturn Data which is provided in the following sub-point shows:

8

9 - Saturn Diameter Is Created After The Solar System Geometry Is Completed

10 - Saturn is Created after all other planets and after the sun creation

11

12 How to know that?

13

14 - Because the Value 120536 km = Saturn diameter – is a used value frequently in
15 different geometrical jobs in the solar system

16

17 What does that mean?

18

19 - Imagine you have a triangle 2 angles of its = 60 degrees and 40 degrees-so let's
20 ask what's the value of the last angle? 80 degrees

21

22 - Saturn data was defined before Saturn creation and because of that Saturn data is
23 found before Saturn Creation

24

25 Based on that – we can explain

26

27 - Why Earth Moon distance at total solar eclipse radius = Saturn Circumference ?

28

29 - Why Mercury Moves during 5040 seconds a distance = 2 Saturn diameters (1%)

30

31 - Why Mars Moves during 5040 seconds a distance = Saturn diameters

32

33 (Where 5040 seconds are needed to mercury day period to be 176 solar days)

34

35 The following data can support this explanation greatly

36

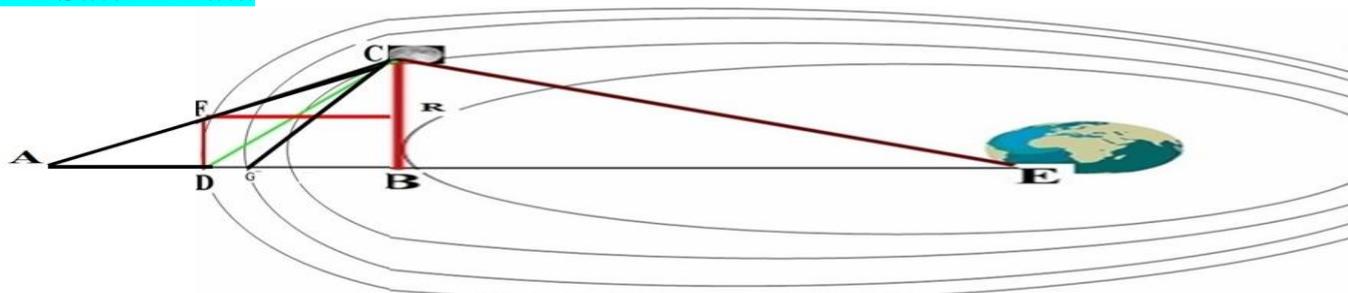
37

38

39

40

1 **5-2 Saturn Data**



2
3 **Figure No.1 (Note Please – FDBR is a square)**
4 Figure shows the moon orbit around Earth with some details (my created figure)
5 Where..... **AB= BC= 86000 km..... and BR=CR also AD=BD**
6 **EB =363000 km = Perigee radius (perigee is the nearest point, the moon can reach)**
7 **EC= 378000 km= Earth Moon Distance when the moon in total solar eclipse point**
8 **EG= 384000 km = The Moon Orbital Distance (registered in NASA Planetary sheet)**
9 **ED= 406000 km = Apogee radius (Apogee is the most far point, the moon can reach)**

10
11 **I-Data**

12 **$(EB)^2 + (86000 \text{ km})^2 = (EC)^2$** (error 1%)
13 **$(EC)^2 + (86000 \text{ km})^2 = (EG)^2$** (error 0.5%)
14 **$(EG)^2 + (86000 \text{ km})^2 = (S)^2$** (where S= 394000 km- unknown point)
15 **$(S)^2 + (86000 \text{ km})^2 = (ED)^2$** (error 0.7%)

16 **More Data**

17 **BG = 21000 km DG =22000 km CG=88500 km CD = 96150 km**

18 **Triangle Angles**

19 **E Angle = 13.33 degrees C = 121.7 degrees A Angle =45 degrees**
20 **ECB Angle = 76.66 degrees BCA = 45 degrees BDC =63.4 degrees**
21 **ADC = 116.6 degrees DCB = 26.6 degrees GCB = 13.7 degrees**

22
23 **Jupiter & Saturn Data Effect On The Moon Orbit**

24 **I- Data....In the previous triangle**

25 **AC = 120536 km = Saturn Diameter**
26 **EC = 378000 km = Saturn Circumference**
27 **AE= 449378.3 km = Jupiter Circumference**

28 **I-Data**

29 **(1)**
30 **2 Jupiter Circumferences - 2 Saturn Circumferences = 1 Jupiter Diameter (error 1.3%)**

31 **(2)**
32 **$(\text{Jupiter Diameter})^2 + (\text{Saturn Diameter})^2 = (0.5\text{Saturn Circumference})^2$ (1.2%)**

33 **(3)**
34 **2 Jupiter Diameters + 1 Saturn Diameter = Solar Planets Diameters Total**

35 i.e.
36 **Jupiter Diameter = 8 Planets Diameters Total**

37 **(4)**
38 **Saturn Diameter – Jupiter Radius = Neptune Diameter x 0.99 (No Error)**

1 **II-More Data**

Table No. 1 Why Earth Circumference = 40080 km?		
<i>If Earth diameter = 12756 km, is considered to be = 1</i>		
Earth Circumference = 40080 km, will be just = Π So..... The Following Vales Are Correct		Error
❖ Earth Circumference	= Π	-
❖ Solar Inner Planets Diameters Total	= Π	-
❖ Solar Outer Planets Diameters Total	= 9Π	-
❖ Moon Orbit Radius (At Perigee Point)	= 9Π	-
❖ All Solar Planets Diameters Total	= 10Π	1%
❖ Moon Orbit Radius (At Apogee Point)	= 10Π	1.2%
❖ 2 Jupiter Diameter + Saturn Diameter	= 10Π	
❖ Moon Orbit Radius (At Total Solar eclipse Point)	= 9.5Π	-
❖ Saturn Circumference	= 9.5Π	-

2 **Jupiter Main Energy**

3 **I-Data**

4 The area from perigee (363000km) to apogee (406000 km)

5 $A = \pi ((406000)^2 - (363000)^2) = 103925 \text{ mkm}^2$

6 But Do we know this value.....?

7 Jupiter Energy was = 100224 mkm

8 The difference = **3%**

9 If we accept that this 3% as error in some measurement –

10 that means – this area = Jupiter energy distance....

11 This data is discussed deeply in my previous paper

12
13 Earth Moon Orbit Triangle Analysis (Revised) <https://vixra.org/abs/1907.0627>

14
15 The Moon Orbit Triangle <https://vixra.org/abs/1901.0082>

16
17 **A Conclusion**

18
19 **Saturn Is Created After The Moon Orbital**
20 **Circumference Is Created**

21
22
23 **6- Earth Jupiter Distance Analysis**

24 (This Point Will Be Discussed In The Next Paper Because We Have Already A Heavy
25 Discussion Here)

26 Just here we'll review the sun and Uranus positions in the sky

The Sun & Uranus Positions in The sky

(Part I)

$$90000 \text{ mkm} = 2872.5 \text{ mkm (Uranus orbital distance)} \times \pi^3$$

We know this equation perfectly – $90000 \text{ mkm} = C^2$ if the time =1 second
So the sun rays are created from C^2 which is the source of energy – the sun doesn't see 90000 mkm but see only C^2 – on the other side Uranus doesn't see the value 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

(Where $\pi^3 = \text{Uranus axial tilt/ Jupiter axial tilt}$)

i.e.

The sun is not a point – it's a straight line created together in one process –this straight line length = 2872.5 mkm and this line has 2 points on it 1st point is the sun and the 2nd point is Uranus–this is NOT similar to any other planet because the value 2872.5 mkm is created from c^2 which is the source of energy

Note Please

Here we don't discuss the origin of the value c^2 - we here start with c^2 and move with the production process of the sun rays – the basic hypothesis we should remember is that, **Distance = Energy ... i.e. Space = Energy**

So the value c^2 produces the sun rays and Uranus orbital distance with the sun
Based on this idea – we may conclude the following

(1st Conclusion)

Uranus defines the sun position because they were created with the same distance (2872.5 mkm)

Based on that the other solar planets define the sun position in their orbital circumferences based on Uranus position in the sky

(2nd Conclusion)

Uranus defines the planets internal distances and because of that

778.6 mkm (Jupiter orbital distance) $\times 0.8 = 627 \text{ mkm}$ (Earth Jupiter Distance)

The previous equation is example of many others we have discussed before

The equation tells that – Uranus orbital inclination (0.8) defines The sun point relative to Jupiter and Earth Points...

1 **(Part II)**

2 **180.8 degrees = 177.4 deg (Venus axial tilt) + 3.4 deg (Venus orbital inclination)**

3 (1)

4 What's this 180.8 degrees?

5 It's Uranus orbital inclination (0.8 degrees)

6 0.8 degrees +90 +90 =180.8 degrees!

7 What does that mean?

8 Uranus is perpendicular on Earth Moon orbit – we discussed that before

9 97.8 degrees (Uranus axial tilt) – 6.7 degrees (Earth Moon axial tilt) = 91.1 deg

10 Not perfectly perpendicular – how to be equal 90 degrees? We discussed that before

11 Now

12 **The sun is perpendicular on Earth...!**

13

14 **That means – the Sun and Uranus are 2 points on the same straight line – for**
15 **that reason the value 180.8 degrees is seen**

16

17 **For full discussion**

18 Please review

19

20 Uranus Effect On Mars Migration

21

<https://vixra.org/abs/2004.0421>

22

23 Uranus Effect On Mars Migration (II)

24

<https://vixra.org/abs/2004.0443>

25

26 Uranus Effect On Mars Migration (III)

27

<https://vixra.org/abs/2004.0481>

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The Solar System general Description

This study tells us that – the solar system has some geometrical features which are different from Copernicus Model

Shortly

There's A Vertical Axis In The Solar System

i.e.

there planets are found on vertical axis relative to other planets

simply

there's an angle =180 degrees between the sun and Uranus

and an angle =90 degrees between the sun and Earth on one side and between Uranus and Earth on the other side

Let's make this description as clear a possible:

- We describe the planets positions relative to Earth
- All planets are on the horizontal level relative to Earth – mean – on coordinates xyz – we deal here with xy plain only – no any vertical axis

Except

- Uranus is on the vertical axis (z axis) relative to Earth – Uranus is on Vertical axis Lower than Earth Level – means – to reach to Uranus Earth needs to descend the upstairs to Vertical Axis Lower
- The Sun is on the vertical axis (z axis) relative to Earth – The Sun is on The Vertical Axis Upper than Earth Level – means – to reach to The Sun Earth needs to ascend the upstairs on Vertical axis Upper
- The Planets revolve around the straight line (180 degrees) extends from the sun to Earth to Uranus.

Additional Detail

There's one more geometrical feature which needs more analysis – almost- each planet is found on One Stair –So the horizontal level is divided into small stairs around this vertical line (180 degrees)

For that reason

The planets don't revolve neither around the sun or Earth – they revolve around the straight line (180 degrees) – each planet according to its horizontal level (its Stair)

-

References

Uranus Effect On Mars Migration

<https://vixra.org/abs/2004.0421>

Can Titius Bode Law Disprove Mars Immigration Theory?

<https://vixra.org/abs/2004.0292>

Research Paper "The Solar Planets Order Still Shows More Puzzles"

<https://vixra.org/abs/2004.0086> (German text) <https://vixra.org/abs/2004.0165>

Mars Immigration Theory

<https://vixra.org/abs/2003.0689> (German text) <https://vixra.org/abs/2003.0685>

The Giant-impact hypothesis supports "Mars Immigration Theory" (III)

<https://vixra.org/abs/2003.0521>

Lorentz Length Contraction (More Discussion)

<https://vixra.org/abs/1911.0431>

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Math-Net.Ru

<http://www.mathnet.ru/eng/person22119>

Google
Scholar

[List of publications on Google Scholar](#)

ZentralMATH

[List of publications on ZentralBlatt](#)

MathSciNet

<https://mathscinet.ams.org/mathscinet/MRAuthorID/757317>

eLIBRARY.RU

http://elibrary.ru/author_items.asp?spin=6087-3245

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RESEARCHERID

<http://www.researcherid.com/rid/G-7453-2014>

Scopus

<http://www.scopus.com/authid/detail.url?authorId=6507007003>

ResearchGate

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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Google <https://scholar.google.com/citations?user=2Y4ZdTUAAAJ&hl=en>

Academia <https://rudn.academia.edu/GergesTawadrous>

List of publications http://vixra.org/author/gerges_francis_tawdrous