The Solar Planets Order Still Shows More Puzzles

Abstract

Why doesn't the solar planets order follow the gravitation equation?!

The Assumption Of S. Virgin Mary -Written in Cairo – Egypt – 3rd April March 2020

The Direct question is,

Why doesn't the solar planets order follow the gravitation equation!?! Where the sun mass is constant in all planets equation- that means – the planets should be ordered based on their masses from the great mass to the less one.

By this description Jupiter should be the most near planet to the sun Of course that's not true …………..But

Jupiter and Saturn distances to the sun follow the gravitation equation!

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

This equation tells that both Jupiter and Saturn follow the gravitation equation perfectly and also the greatest mass is more near to the sun…

But no other planets follow it!! The Equation doesn't work! Why?!

Because

Mars original orbital distance was 84 mkm and Mars had immigrated from it to its new orbital distance 227.9 mkm – Through this Motion from 84 mkm to 227.9 mkm Mars had collided with Venus and after that Mars had collided also with Earth From these Collisions debris Earth Moon is created –from the debris Mars had found its moons and the rest debris were attracted by Jupiter, creating The Asteroid Belt –

This Theory solves many questions in the Giant –impact hypothesis

- The Lunar Magma Ocean (LMO) Origin– is Venus – because the moon is created by 3 planets debris – that's why the three planets rock are found…

- why Venus has no moon? this also is solved – because Mars moved from 84 mkm to 227.9 mkm and pushed all debris with its motion direction – far from Venus – but Earth has greater Mass and the debris lost their high momentum – so Earth could attract some debris and create its moon

- why The Iron Oxide (Feo) of the Moon= (13%)? This also is solved because The rate (13%) is a middle between Mars rate (18%) and the terrestrial mantle (8%).

- i.e. The Giant-impact hypothesis supports Mars Immigration Theory

The Conclusion: The Solar Planets Order Proves Mars Immigration Theory

Gerges Francis Tawdrous/ 1
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com mrmwaheid@gmail.com +201022532292
1- Introduction

Let's – once again – try to analyze the planets order in following:

Spite Jupiter and Saturn follows perfectly the gravitation equation – but- the planets order shows almost an order depends on the planets diameters and not masses!

- The order (Mercury – Venus – Earth) shows that greater diameter (or mass) need greater orbital distance (contradicting the gravitation equation!)

- The order (Jupiter – Saturn – Uranus – Neptune – Pluto) shows that greater diameter (but not mass) needs shorter orbital distance (the order depends on Planets diameters because Uranus diameter is greater than Neptune but less mass)

- The order still tells more data … (Jupiter – Saturn – Netune –Uranus – Pluto) this order is done for the outer planets based on their masses – but their days periods are ordered based on their masses – the greatest mass has the shortest day period.

- Mars immigration theory started from this analysis – because if Mars was the second planet after Mercury – the inner planets order will be in perfect form as following (Mercury – Mars – Venus – Earth) the order in diameters- masses and orbital distances…

- The basic question… does the planets order depend on their diameters or masses? The answer is with kepler …. Let's see it in following:

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

- The order simply depends on both the diameter and the mass – why? because the planet material density is a function of its distance to the sun!

- This strange idea may give some light how explain the solar planets order

Let's remember why we analyze the planets order?

To prove that Mars original orbital distance was 84 mkm and mars had immigrated to its new orbital distance 227.9 mkm

So let's provide this paper content

2- The Solar Planets Order Analysis

2-1 Mars Immigration Theory

2-2 The Gravitation Equation

2-3 Mars Diameter Decreasing
2- The Solar Planets Order Analysis

2-1 Mars Immigration Theory

_The Giant-impact hypothesis supports Mars immigration theory_

The Giant-impact hypothesis suggests that, The Earth Moon is formed from the ejects of a collision between the proto-Earth and a Mars-sized planet, 
Please Review The Giant-impact hypothesis

**Mars Immigration Theory Summary:**

- Mars original orbital distance =84 mkm, and Mars had to move from it to its new 
orbital distance =227.9 mkm -i.e. Mars had to move from 84 mkm to 227.9 mkm.
- Through Mars motion from 84 mkm to 227.9 mkm – Mars had collided with 
Venus (at first) and then collided also with Earth (at Second)
- The debris which are produced by these collisions were pushed by Mars motion to 
move with Mars in the same direction – that causes the debris to move far from 
Venus and because of that Venus couldn't create a moon.
- But Earth Mass is greater than Venus and because the debris lost their high motion 
momentum at Earth Position, Earth could attracted some of these debris and 
created its moon–
- The rest debris were moved with Mars from which Mars could create its own 
Moons…
- Some of the rest debris were attracted by Jupiter and created **The Steroid Belt** 
i.e.
- **Mars immigration has 3 results**
  1. The Earth Moon Creation  
  2. The Asteroid Belt Creation  
  3. Mars Diameter Decreasing

**Mars Immigration Theory** solves many important difficulties as following:

**(1st Question) Why Venus has no moon spite it had a similar collision?**

Because Mars was moving from the point (84 mkm) to the point (227.9 mkm) – So 
Mars pushed all debris to move with it in the same motion direction – Mars had 
created a wave to push all debris far from Venues toward Mars current orbital 
distance (227.9 mkm)- for that reason **Venus Couldn't Create A Moon** – but Earth 
has A Greater Mass and the **Debris Lost Their Motion High Momentum** at Earth 
– so Earth could created its moon from these debris
(2nd Question) The Lunar Magma Ocean (LMO) Origin?!
The Origin Of This Ocean Is Venus and by that – the mystery is solved easily – the moon rocks are consisted of 3 planets rocks which are Venus – Earth - Mars – and because of that the 3 planets rocks are seen among the moon rocks.

(3rd Question) why The Iron Oxide (FeO) of the Moon= (13%)?
The rate (13%) is a middle between Mars rate (18%) and the terrestrial mantle (8%) because the moon is created by all of them.

(4th Question) Why The Solar Planets Order doesn't follow the gravitation equation?
Because Mars had changed its original orbital distance (84 mkm) to its current orbital distance (227.9 mkm) – and this change caused a distribution for the planets order.

(5th Question) how to prove that Mars diameter is decreased through the history?
Because there's a relationship between the planet diameter (and mass) and its orbital distance – so by a deep analysis we many conclude how the change occurred for the planet diameter.
And by this analysis we may prove that Mars diameter was =7070 km when its orbital distance was 84 mkm and Mars diameter is changed because of the collisions done with Venus & Earth through its motion from 84 mkm to 227.9 mkm.

Because Mars had changed its original orbital distance (84 mkm) to its current orbital distance 227.9 mkm and that caused a disturbance for the planets order.

Mars Immigration Theory Is Proved By 5 Proves Which Are:
(1st proof) The Giant -Impact Hypothesis (The Geological Proves)
(2nd proof) Planet diameter & orbital distance relationship (Planets Order Analysis)
(3rd proof) Planet effect on its neighbor
(4th proof) Mar Immigration Motion Direction
(5th proof) Mars Immigration results (Mars Diameter decreasing – Asteroid belt Creation)

For more discussion please review
Research Paper "Mars Immigration Theory"
or
https://www.academia.edu/42453661/Mars_Immigration_Theory

The Giant-Impact Hypothesis Supports "Mars Immigration Theory" (III)
2-2 The Gravitation Equation

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

We remember this equation…

This equation tells that J

**Jupiter and Saturn follow perfectly the gravitation equation**

We can't find any other planets follow the gravitation equation…

Spite of that

The gravitation equation proves clearly the following:

1. Mars original orbital distance was 84 mkm
2. Mars original Diameter was 7070 km

So the gravitation equation strongly support "Mars Immigration Theory"

Let's see that in following

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

(Equation Error 3.4%)

Mars registered Mass = 0.642 x 10^{24} kg (when Mars diameter =6792 km) …so

Mars Mass will be = 0.668 x 10^{24} kg (when Mars diameter =7070 km)

So Mars Mass and Mars orbital distance with Mercury Mass and orbital distance all are controlled by the gravitation equation (a similar to Jupiter and Saturn)

Just If

1. Mars orbital distance =84 mkm
2. Mars Mass =0.668 km x10^{24} when Mars diameter =7070 km

That lead to the following conclusion

**Conclusions**

(1)

If Mars didn't immigrate from its original orbital distance (84 mkm) to its new orbital distance (227.9 mkm) – the planets order will be created based on the gravitation Equation without any disturbance –

Shorly – **Mars Was Mercury Neighbour**

(2)

Mars immigration was a great catastrophe in the oalr system could destroy it – but because Satrun and Jupiter unfiy their powers to save the solar system – the solar planets still in life
2-3 Mars Diameter Decreasing

Did Mars diameter decrease through the history?

Yes – it was 7070 km and becomes 6792 km (The Difference 4.1%)

How to prove that?
Based on the diameter analysis we have 2 proves as in following:

(1st Proof)
The planets order – as we have discussed before – let's remember it
The order "Mercury – Mars – Venus – Earth"
This order shows clearly that- the planets data are in order in their diameters – masses and orbital distances – no confusion is found here – the order is perfect and clear

(2nd Proof)
(1) Mercury Orbital Distance 57.9 mkm = Mercury Diameter 4879 km x 10^9
(2) Earth Orbital Distance 149.6 mkm = Earth Diameter 12756 km x 10^9
(3) Saturn Orbital Distance 1433.5 mkm = Saturn Diameter 120536 km x 10^9
(4) Mars (Original) Orbital Distance 84 mkm = Mars (original) Diameter 7070 km x 10^9
(5) 144 mkm = Venus Diameter 12104 km x 10^9

Discussion
Equations 1,2 and 3 show clear rule (Planet orbital distance = planet diameter x 10^9)
Equation No. (4)
Mars with (supposed data) follow the equation
Equation No. (5)
Venus doesn't follow the rule – but
Venus recorded the value 144 mkm= Mars displacement from 84 mkm to 227.9 mkm
So Mars moved the distance (144 mkm) as a defined distance – i.e. Mars had to move to the point 227.9 mkm exactly and not to any other point…Why?
Because there's a relationship between the planet diameter and orbital distance – so the displacement is defined in Mars and Venus diameters as seen in next discussion.
Mars Diameter Analysis

Mars Current diameter 6792 km  

Venus Diameter =12104 km

(Mars current)$^2$ x $\pi$ = (Venus Diameter)$^2$

That means

Mars diameter x $\pi^{1/2}$ = Venus Diameter …

Note Please  

$\pi^{1/2}$ x 100 = 177.4 (where 177.4 degrees = Venus Axial Tilt)

We interest for the result .... (Mars current)$^2$ x $\pi$ = (Venus Diameter)$^2$ = 144 mkm

That means

Mars Circumference x Mars diameter = (Venus diameter)$^2$ =144 mkm

It's Mars displacement (from 84 mkm to 227.9 mkm =144 mkm)

So the value 144 mkm was defined in Mars and Venus Diameters

We remember the question No.3

Why Mars had immigrated from its original point (84 mkm)? And Why specifically to the point 227.9 mkm? Why not to 200 mkm or 250 mkm?

How I knew the point 84 mkm? I just discounted the value 144 mkm from Mars current orbital distance 227.9 mkm

Surely… There's A Relationship Between The Planet Diameter And Orbital Distance

For that reason –

Mars Displacement was defined inside Mars & Venus Diameters – and for that the data is just in harmony

144 mkm x $\pi$ = 2 x 227.9 mkm (Mars Current Orbital Distance)

Remember Please

- Earth orbital distance 149.6 mkm = Earth diameter 12756 km x 10$^9$
- Mercury orbital distance 57.9 mkm = Mercury diameter 4879 km x 10$^9$
- Mars orbital distance 84 mkm = Mars diameter 7070 km x 10$^9$
- 144 mkm = Venus diameter 12104 km x 10$^9$

The planets data are created depending on each other – because the solar planets is one machine and each planet is a gear in it – and based on that – each change in the solar system history is recorded in the planets data …

That provides a decisive advantage for the planets data analysis as astrophysics research method.
3- References

Mars Immigration Theory (Part II) (Questions & Answers)
or
https://www.academia.edu/42575818/Mars_Immigration_Theory_Part_II_Questions_and_Answers

Mars Immigration Theory
or
https://vixra.org/abs/2003.0685 (German Text)

The Giant-impact hypothesis supports "Mars Immigration Theory" (III)
or
https://www.academia.edu/42301145/The_Giant-impact_hypothesis_supports_Mars_Immigration_Theory_III

Dr. Budochkina, Svetlana Aleksandrovna

Associate professor - Candidate of physico-mathematical sciences (2005)
http://www.mathnet.ru/eng/person22119
List of publications on Google Scholar
http://www.mathnet.ru/eng/person22119
List of publications on ZentralBlatt
https://mathscinet.ams.org/mathscinet/MRAuthorID/757317
http://elibrary.ru/author_items.asp?spin=6087-3245
http://orcid.org/0000-0003-3447-0425
http://www.scopus.com/authid/detail.url?authorId=6507007003
https://www.researchgate.net/profile/Svetlana_Budochkina
Full list of publications:

Mr. Gerges Francis Tawdrous +201022532292
Physics Department- Physics & Mathematics Faculty

Gerges Francis Tawdrous +201022532292
Curriculum Vitae http://vixra.org/abs/1902.0044
E-mail mrwaheid@gmail.com
LinkedIn https://eg.linkedin.com/in/gerges-francis-86a351a1
Facebook https://www.facebook.com
twitter https://twitter.com/tawdrous_f
Researcherid https://publons.com/researcher/3510834/gerges-tawadrous/
ORCID https://orcid.org/0000-0002-1041-7147
Quora https://www.quora.com/profile/Gerges-F-Tawdrous
Google https://scholar.google.com/citations?user=2Y4ZdTUAAAAJ&hl=en
Academia https://rudn.academia.edu/GergesTawadrous
List of publications http://vixra.org/author/gerges_francis_tawdrous