

## Why Jupiter Diameter =142984 km? (Observation vs Data Analysis-II)

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### Abstract

This paper discusses the following hypothesis:

- 1- There's A Relationship Between Jupiter & Saturn Diameters.
- 2- Jupiter & Saturn Diameters Relationship effects On The Solar Planets Diameters Creation.
- 3- Jupiter & Saturn Diameters Relationship effects On Earth Moon Orbit Creation.
- 4- Jupiter & Saturn Diameters Relationship is effected by Mercury Motion
- 5- Jupiter & Saturn Diameters Relationship shows and proves the Solar Group Main Energy Direction.

### Paper Main Conclusion

**There's One Equation Only Controls All Solar Planets Data**

This paper discussion depends on the following papers:

Observation vs Data Analysis As Astrophysics Research Method (I)

<http://vixra.org/abs/1907.0069>

Direction Of Energy Through The Solar Group

<http://vixra.org/abs/1906.0541>

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## 1- Introduction

Why Jupiter Diameter = 142984 km?

And

Why Saturn Diameter = 120536 km?

Let's see some Data in following

(1)

$$\frac{\text{Jupiter diameter } 142984 \text{ km}}{\text{Saturn diameter } 120536 \text{ km}} = \frac{2\pi}{2\pi - 1}$$

(2)

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

(3)

(Jupiter Diameter)<sup>2</sup> + (Saturn Diameter)<sup>2</sup> = 0.5 (Saturn Circumference)<sup>2</sup> (1.2%)

(4)

Jupiter Circumferences - Jupiter Diameter =  $\pi^5 \times 1000 \text{ km}$  (No Error)

In fact I have 2 difficulties to start my discussion here.....

(1<sup>st</sup> Difficulty) –because the current theory doesn't know how the matter is created? – So my question ...."Why Jupiter diameter =142984km?" will be considered as inconsistent question....simply no theoretical approach considering such question

(2<sup>nd</sup> Difficulty).... The classical concepts prevent us to see the planets data truth.... For example ..... how that can be possible to have a relationship between Jupiter and Saturn diameters? where the distance between both = 655 million km – the gravity forces between them (based on their masses) can't effect greatly across such distance- and for that No relationship can be found between Jupiter and Saturn Diameters...!

I wish the contradiction is clear before the reader....

Simply- we have 2 ways to move through - we may believe the current theory and ignore the planets data or to analyze the planet data and disregard the theory...!

The reader realizes clearly our difficulty... and simply we can't just believe the current theory and ignore the planets data –we should follow the planets data analysis to see the truth behind – our question is our candle in the way ... how the matter is created? Why Saturn Diameter =120536 km?

we need to discover the deep geometrical basics on which the planets diameters were created and to answer our basic question how the matter is created?

Simply we need more deep vision for the solar group Geometry and motion.

## 2- Methodology

### (I)

- I use the planet data analysis as a research method – I try to conclude the geometrical rules based on which the planet data is created (Planet Data means ..Planet Diameter, Mass, Orbital Distance, Orbital Inclination, Axial Tilt...etc)
- I use NASA Planetary Fact Sheet (<http://nssdc.gsfc.nasa.gov/planetary/factsheet/>)

### (II)

I depend on **The Data Direction**

What does mean **The Data Direction**?

Let's use an example to explain that in following:

### **Example**

$$\frac{25.2 \text{ Mars axial tilt}}{23.4 \text{ Earth axial tilt}} = \frac{26.7 \text{ Saturn axial tilt}}{25.2 \text{ Mars axial tilt}} = \frac{28.3 \text{ Neptune axial tilt}}{26.7 \text{ Saturn axial tilt}} = 1.0725$$

I have tried to explain this equation before- nevertheless - let's try to conclude the basic idea behind this equation

### **What can we conclude here?**

There's **A Dependency** Between these 4 Planets Axial Tilts

Someone will claim that's "Pure Coincidence"! but we see it's somehow difficult to accept the same pure coincidence **three times**

So we have to conclude that there's some relationship between these planets axial tilts So- the Equation explanation is hard – but **The Data Direction** is clear- there's some relationship between These Planets Axial Tilts...let's see the next equation..

$$\frac{115.2 \text{ Mars axial tilt}}{113.7 \text{ Earth axial tilt}} = \frac{116.7 \text{ Saturn axial tilt}}{115.2 \text{ Mars axial tilt}} = \frac{118.3 \text{ Neptune axial tilt}}{116.7 \text{ Saturn axial tilt}}$$

The Previous equation supports the same Data Direction –it tells – there's a deep relationship between These Planets Axial Tilts – and this relationship is seen between these planets axial tilts on the horizontal level as well as on the vertical level.

### 3- The Solar Planets Diameters Creation

3-1 Jupiter and Saturn effect on The Planets Diameters Creation

3-2 Mercury Role

#### 3-1 Jupiter and Saturn effect on The Planets Diameters Creation

I-Data

##### Group No. 1 (Reminding The Previous Data)

Let's see some Data in following

(1)

$$\frac{\text{Jupiter diameter } 142984 \text{ km}}{\text{Saturn diameter } 120536 \text{ km}} = \frac{2\pi}{2\pi - 1}$$

(2)

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

(3)

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

(4)

Jupiter Circumferences - Jupiter Diameter =  $\pi^5 \times 1000 \text{ km}$  (No Error)

(5)

**Jupiter Diameter = 1 million km / (7)** (No Error)

##### Group No. 2

(6)

2 Jupiter Diameters + 1 Saturn Diameter = Solar Planets Diameters Total (No Error)

i.e.

**Jupiter Diameter = 8 Planets Diameters Total**

(7)

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

##### Group No. (3)

**Table No. 1 Why Earth Circumference = 40080 km?**

*If Earth diameter = 12756 km, is considered to be = 1*

Earth Circumference = 40080 km, will be just = $\Pi$ So..... The Following Vales Are Correct	Error
❖ Earth Circumference	= $\Pi$ -
❖ Solar Inner Planets Diameters Total	= $\Pi$ -
❖ Solar Outer Planets Diameters Total	= $9\Pi$ -
❖ Moon Orbit Radius (At Perigee Point)	= $9\Pi$ -
❖ All Solar Planets Diameters Total	= $10\Pi$ 1%
❖ Moon Orbit Radius (At Apogee Point)	= $10\Pi$ 1.2%
❖ 2 Jupiter Diameter + Saturn Diameter	= $10\Pi$
❖ Moon Orbit Radius (At Total Solar eclipse Point)	= $9.5\Pi$ -
❖ Saturn Circumference	= $9.5\Pi$ -

## II-Discussion

### Group No. 1

(1)

$$\frac{\text{Jupiter diameter } 142984 \text{ km}}{\text{Saturn diameter } 120536 \text{ km}} = \frac{2\pi}{2\pi - 1}$$

(2)

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

(3)

(Jupiter Diameter)<sup>2</sup> + (Saturn Diameter)<sup>2</sup> = 0.5 (Saturn Circumference)<sup>2</sup> (1.2%)

(4)

Jupiter Circumferences - Jupiter Diameter =  $\pi^5 \times 1000 \text{ km}$  (No Error)

How can we understand the previous 4 equations?

What direct conclusion we may reach?

### Jupiter and Saturn Diameters were created relative on Each Other!

We have – at least- 3 difficulties to accept the previous conclusion...

- 1- The Gravity concept prevents such effect between the 2 planets because of the great distance between them
- 2- The big bang historical records prevents us – because it claims the solar planets were created from a nebula by some random process with gravity forces help. Which means – the planets diameters were created **Randomly** and so there's no geometrical relationship can be found between any 2 planets diameters (or masses ...etc)
- 3- Planets Data Analysis isn't known as astrophysics research method.

So, the previous 4 equations will be considered as a part of numerology! Or found only by "**Pure Coincidences Of Numbers**"

**Although** these 4 equations show clearly that

Jupiter and Saturn diameters were relative to each other by different approaches – as we have a triangle his angles = (90 + 45+45) so this triangle isn't only a right triangle or only Equilateral one– similar to that the 4 equations show Jupiter and Saturn diameters are related to each other by different approaches which suggest that there's some geometrical reason behind these 2 planets diameters creation.

Now the main difficulty is clear before our eyes–while the planets data can help us to know the solar group real origin and geometry – the current theory prevents us clearly to use any planet data! –

the simple question is ....."**How To Use The Planet Data?**".....

We can't move further unless we answer the question

### How Do We Use The Solar Planets Data?

I use NASA Fact Sheet – let's insert it in the following page

You can find it here <https://nssdc.gsfc.nasa.gov/planetary/factsheet/>

**IN THE ALMIGHTY GOD NAME**  
Through the Mother of God mediation  
I do this research

## Planetary Fact Sheet - Metric

	<u>MERCURY</u>	<u>VENUS</u>	<u>EARTH</u>	<u>MOON</u>	<u>MARS</u>	<u>JUPITER</u>	<u>SATURN</u>	<u>URANUS</u>	<u>NEPTUNE</u>	<u>PLUTO</u>
<u>Mass</u> (10 <sup>24</sup> kg)	0.330	4.87	5.97	0.073	0.642	1898	568	86.8	102	0.0146
<u>Diameter</u> (km)	4879	12,104	12,756	3475	6792	142,984	120,536	51,118	49,528	2370
<u>Density</u> (kg/m <sup>3</sup> )	5427	5243	5514	3340	3933	1326	687	1271	1638	2095
<u>Gravity</u> (m/s <sup>2</sup> )	3.7	8.9	9.8	1.6	3.7	23.1	9.0	8.7	11.0	0.7
<u>Escape Velocity</u> (km/s)	4.3	10.4	11.2	2.4	5.0	59.5	35.5	21.3	23.5	1.3
<u>Rotation Period</u> (hours)	1407.6	-5832.5	23.9	655.7	24.6	9.9	10.7	-17.2	16.1	-153.3
<u>Length of Day</u> (hours)	4222.6	2802.0	24.0	708.7	24.7	9.9	10.7	17.2	16.1	153.3
<u>Distance from Sun</u> (10 <sup>6</sup> km)	57.9	108.2	149.6	0.384*	227.9	778.6	1433.5	2872.5	4495.1	5906.4
<u>Perihelion</u> (10 <sup>6</sup> km)	46.0	107.5	147.1	0.363*	206.6	740.5	1352.6	2741.3	4444.5	4436.8
<u>Aphelion</u> (10 <sup>6</sup> km)	69.8	108.9	152.1	0.406*	249.2	816.6	1514.5	3003.6	4545.7	7375.9
<u>Orbital Period</u> (days)	88.0	224.7	365.2	27.3	687.0	4331	10,747	30,589	59,800	90,560
<u>Orbital Velocity</u> (km/s)	47.4	35.0	29.8	1.0	24.1	13.1	9.7	6.8	5.4	4.7
<u>Orbital Inclination</u> (degrees)	7.0	3.4	0.0	5.1	1.9	1.3	2.5	0.8	1.8	17.2
<u>Orbital Eccentricity</u>	0.205	0.007	0.017	0.055	0.094	0.049	0.057	0.046	0.011	0.244
<u>Obliquity to Orbit</u> (degrees)	0.034	177.4	23.4	6.7	25.2	3.1	26.7	97.8	28.3	122.5
<u>Mean Temperature</u> (C)	167	464	15	-20	-65	-110	-140	-195	-200	-225
<u>Surface Pressure</u> (bars)	0	92	1	0	0.01	Unknown*	Unknown*	Unknown*	Unknown*	0.00001
<u>Number of Moons</u>	0	0	1	0	2	79	62	27	14	5
<u>Ring System?</u>	No	No	No	No	No	Yes	Yes	Yes	Yes	No
<u>Global Magnetic Field?</u>	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Unknown
	<u>MERCURY</u>	<u>VENUS</u>	<u>EARTH</u>	<u>MOON</u>	<u>MARS</u>	<u>JUPITER</u>	<u>SATURN</u>	<u>URANUS</u>	<u>NEPTUNE</u>	<u>PLUTO</u>

I use the previous Data in all my papers.... The question again

## How Do We Use The Solar Planets Data?

To answer that – we need to know – how this data is recorded? How NASA reach to this Data?

### BY MEASUREMENT....

So each data is measured and recorded

But ....the concept in mind tells

### Each Data Is Independent From The Other Data....

This is the wrong concept which prevents us to understand any Data Analysis

Based on that

All my tries to show that the solar planets were created depending and relative to each other – went in vain –

**Because this classical wrong concept is a solid rock in our way...**

But

What concept we can conclude from The Planets Data Analysis?

The following one:

## There's **ONE EQUATION** Control All Planetary Factsheet Data

What does that mean?

That means ...

All Nasa Factsheet Data can be concluded theoretically if we know this Equation with any single Data ....!

i.e.

If I know this Equation + I know that Mars diameter = 6792 km (as example) – so all other data in the previous Factsheet Data I can conclude- and based on that I can conclude Uranus Diameter =51118 km (an example also)

So –

Nasa Factsheet is not a sheet contains independent data from each other – on the contrary – this sheet is A Table For One Equation – and all this data are created depending and relative to each other...

We have to prove this claim – because of its heavy importance –

Now let's review our direct conclusion from the 4 previous equations...that

### Jupiter and Saturn Diameters were created relative on Each Other!

And let's try to prove our heavy claim, it's a hard job contains 2 tasks :

(1<sup>st</sup> TASK) By What suggested Description The Planets Data Can Be Created Depending On Each Other?

(2<sup>nd</sup> TASK) How to prove this suggested Description?

Let's try to do our tasks in following...

## **(1<sup>st</sup> TASK)**

### **A Solar Group Suggested Description:**

- 1- **The Solar Group is One Geometrical Structure** or one building and each planet is a part of this same building- i.e. Each Planet is created to be a complementary to the other planets and **No solar planet is created or move independently**
- 2- The solar group can be similar to one trajectory of Energy and each planet is a point on this same trajectory.
- 3- Also the solar group can be similar to one body, and each planet is a member in this same body.
- 4- Also, The solar group can be similar to one machine each planet is a gear in this same machine... so the machine works as one group.. that means **the cooperation and integration between the solar planets data** is the main base on which the solar group is created and move.

### **How to understand that?**

WE know that the matter is created of Energy ( $E=mc^2$ ) – but **How The Space Is Created?** I suppose that the Space is created of Energy also... (Space = Energy)

So the matter and space both are created from the same energy..

Can that be possible?

The Energy has different forms (sun rays – nuclear interactions – oil- food ..etc)

Different forms for the same content....

So it's possible to create matter and space of the same energy...

I have another example to support that...

In double slit experiment (Young Experiment) – the light coherence produced bright and dark fringes –regardless the theoretical explanation – the experiment tells us that when one input is used (light) – the output can be in 2 different forms (bright and dark fringes)

### **The Solar Group Creation**

I suppose the solar group is one energy creates the planet matter and orbital distance – so this same energy passes through the whole group to create all solar planets and their orbital distances from the same energy where this energy creates all planets data depending on each other because all of them are created from the same source.

### **Shortly**

The solar group is one thread – as one necklace – all solar planets and their distances are created from one energy to be complementary to each other- and that's why the planets data analysis show the solar planets dependency.

Now let's start our 2<sup>nd</sup> Task – to prove the previous description – but to do that we need the Data group No. 2 ... (and we'll bring group no. 1 also for remembrance)

## **(2<sup>nd</sup> TASK)**

### **How To Prove The Previous Alternative Description?**

#### **I- The Required Data**

##### **Group No. 1 (Reminding The Previous Data)**

Let's see some Data in following

(1)

$$\frac{\text{Jupiter diameter } 142984 \text{ km}}{\text{Saturn diameter } 120536 \text{ km}} = \frac{2\pi}{2\pi - 1}$$

(2)

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

(3)

(Jupiter Diameter)<sup>2</sup> + (Saturn Diameter)<sup>2</sup> = 0.5 (Saturn Circumference)<sup>2</sup> (1.2%)

(4)

Jupiter Circumferences - Jupiter Diameter =  $\pi^5 \times 1000 \text{ km}$  (No Error)

(5)

**Jupiter Diameter = 1 million km / (7)** (No Error)

##### **Group No. 2**

(6)

2 Jupiter Diameters + 1 Saturn Diameter = Solar Planets Diameters Total (No Error)

i.e.

**Jupiter Diameter = 8 Planets Diameters Total**

(7)

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

#### **II- The Discussion and proves**

The direct simple idea can help us greatly ...

What do the previous 7 equations tell us ?

#### **Basic Conclusions:**

**1- Based on Jupiter diameter all solar planets diameters were created (Jupiter owns the solar group main energy)**

2- There's an important relationship between Jupiter and Neptune

3- Saturn diameter is born from Jupiter Diameter by Neptune Effect.

The 3<sup>rd</sup> conclusion is seen easily from Equation No. 7

Let's discuss it in following...

(7)

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

What does this equation tell us?

It tells there's some missing **Number 2** here.... Because Jupiter uses its radius...

So the complete equation maybe as following...

**2 Saturn Diameters – Jupiter Diameter= 2 (Neptune Diameters x 0.99)**

The rate 99% we have discussed deeply in my previous paper

Earth Velocity Proves, The Unit Definition Is Relative,

<http://vixra.org/abs/1906.0465>

### **So What Does The Complete Equation Tell Us?**

The value 2 completes the equation clearly....

Please review equations No. 1, 2, 3, and 6

It's clearly proved that - Jupiter and Saturn relationship necessities to create number 2 in all equations – I release myself from the claim "Pure Coincidences"- where we discuss the geometrical logic behind the matter creation...

Jupiter and Saturn Creation required 2 Jupiter Diameters as basic requirement for the creation process- that means – the 2 diameters can't be created as 1 Jupiter diameter and 1 Saturn diameter! – The Geometrical Structure needs in fact 2 Jupiter diameters + 1 Saturn diameter –

So let's summarize our conclusion here in following....

- 1- Jupiter and Saturn Diameters were created based on a geometrical reason together and no one diameter is created independently from the other...
- 2- The geometrical reason behind Jupiter and Saturn Creation process needs to use **2 Jupiter Diameters to create 1 Saturn Diameter**

Now we have a treasure in our hands – it's the **Number 2** –

The number 2 (or the double value) can always be our guide while we try to see how the matter is created from the energy...

Now let's try to prove the first conclusion (of the basics conclusions)

**Based on Jupiter diameter all solar planets diameters were created (Jupiter owns the solar group main energy)**

**Jupiter Diameter=8 Planets Diameters Total**

## 1<sup>st</sup> Conclusion Proves

### The Conclusion

**Based on Jupiter diameter all solar planets diameters were created (Jupiter owns the solar group main energy)**

Let's write the whole story in following:

## **Jupiter owns The Solar Group Main Energy**

### Additional Data

(Equation No. A)

(Pluto Orbital Circumference- Jupiter Orbital Circumference)  $\times \pi = \underline{100224 \text{ mkm}}$

Note Please

**2x100224 mkm =**

**28255 mkm (Neptune Orbital Circumference) +  
2 x 86400 mkm**

**But**

100224 million km = (Pluto Orbital Circumference – Jupiter Orbital Circumference)  $\times \pi$  (I)  
(Error less 1%)

(Neptune orbital Circumference – Earth orbital Circumference)  $\times \pi = \underline{86400 \text{ mkm}}$  (II)  
(Venus Orbital Circumference follow simply equation II where the error less 1%)

### Discussion

How to understand Equation No. A?

I have supposed that – **The Space Is Energy** – means The distance is Energy – **So The Distance Between Pluto And Jupiter Is Energy...**

So this distance value is multiplied by  $\pi$  (Which I don't know why!) to produce the number 100224 mkm

Now we need double value of this same number (multiplying **x2**) - why?

Because

28255 mkm (Neptune Orbital Circumference) + 2 x 86400 mkm = 2 x 100224 mkm

Neptune Orbital Circumference consumes only 16% of this number (=28255mkm)

The rest value will be divided into 2 equal values each =**86400 million km**

Equation (II) tells us the value 86400 mkm can be produced by another way!!

(Neptune Orbital Circumference - Earth Orbital Circumference)  $\times \pi = 86400 \text{ mkm}$

And this same equation can be used for Venus also...

Let's try to explain what the previous Data tell us in following:

## The Whole Story

- The energy is sent from Jupiter toward Pluto (**NOTE** The Energy Direction)
- The sent energy was in light beams form – but this light beam velocity =1.16 mkm/sec – and Jupiter sends this energy toward Pluto during 2 complete solar days (2 x 86400 seconds) – so this light beam will pass during 2 solar days a distance = **100224 mkm x 2**
- The value **100224 mkm x 2** is the solar group main energy and it sent now from Jupiter Toward Pluto

Then

- Neptune used 16% from the sent energy to create its orbital circumference

Then

- Neptune reflected the rest of energy into 2 equal different trajectories of energy –each trajectory contains energy equal 86400 mkm
  - o **The 2<sup>nd</sup> Trajectory is sent toward Earth & Venus (86400 mkm)**
  - o The 1<sup>st</sup> Trajectory is sent to Mercury alone (86400 mkm)

The previous story provides explanation for may puzzled data such as following:

## Additional Data

### Group (I)

#### **Neptune Orbital Distance**

**4495.1 Neptune Orbital Distance=**

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

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

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

Why the inner planets orbital and internal distances multiplications produce Neptune Orbital Distance – Because the distance is Energy – and Neptune is the inner planets direct source of Energy because he reflected the Energy toward them.

So the previous equations aren't found by pure coincidences

Now our argument which depended on Planets diameters is supported now by another arguments uses the planets orbital and internal distances

I wish we have more confidence in our argument... try to support it with more curial data

## Group (II)

### **Jupiter Orbital Circumference**

#### (Part 1)

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

**(Please Note** – We Use Mars Orbital Circumference 2 Times)

#### (Part 1)

### **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**

(Earth and Jupiter are at 2 sides from the sun i.e.  $940\text{mkm} = 778.6\text{mkm} + 149.6\text{mkm}$ )

### **Deep Discussion**

I fight here for a clear argument

We can't simply refuse hundreds of data under the illogical cover "pure coincidences" and ignore the direct clear conclusion that

### **The Matter And Space Are Created From The Same Energy...**

Even we know the energy motion direction through the solar group-  
The claim simply is supported by the planets diameters and orbital distances...

Let's return to Equation No. 7

#### (7)

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

The equation is clear before our eyes...

The relationship between Jupiter and Neptune produced Saturn Diameter

But

Jupiter and Neptune relationship is found based on 2 days of sending energy by Jupiter – and the Number 2 is just kept inside the energy and transferred from hand to hand to be seen frequently in the solar planets data

That's why Jupiter uses his radius in the Equation No. 7

The light beam with velocity 1.16 mkm/sec I have discussed in my previous paper

There's A Light Beam Travels With 1.16 mkm/sec

<http://vixra.org/abs/1904.0236>

Also please review

Solar Group Geometrical Structure <http://vixra.org/abs/1805.0081>

### 3-2 Mercury Role

#### I-Data

(5)

**Jupiter Diameter = 1 million km / (7)** (No Error)

(Note / Mercury Orbital Inclination = 7 degrees – and Mercury Orbital Circumference= 360mkm =360 degrees which means 1 degree = 1 mkm for Mercury orb. Circumference)

#### More Additional Data

(5-1)

**720.7 mkm Mercury Jupiter Distance = Jupiter Diameter x 5040**

(5-2)

During 5040 seconds

- Mercury moves a distance = 2 Saturn Diameters
- Mars moves a distance = Saturn Diameter

(5-3)

Mercury Day needs 5040 seconds to be 176 solar days...

(5-4)

**1205 mkm Mars Saturn Distance = Mars Diameter x 5040**

#### II-Discussions

Equation 5 and 5-2 tells us that

Jupiter and Saturn diameters are created with some effect of Mercury Motion –

Both of them are related to Mercury Day Period – but the geometrical mechanism is still so hard to be realized- any way the data tells us one more prove – that while Jupiter is produced as 1 diameter – but Saturn is produced as 2 diameters- the geometrical reason still hard to reach but the idea is the same

No

1 diameter for 1 diameter – there's no geometrical prove here

Rather

1 diameter for 2 diameters .... This is the rule which we have discovered in all our previous Data...

Mercury Day Data supports 2 clear claims as following:

- 1- The Solar Group Is Created From One Energy
- 2- 2 Jupiter Diameters are required to produce 1 Saturn Diameter

More deep discussion is hard here – we may complete it in another paper -

## 4- Jupiter And Saturn Effect On The Moon Orbit Creation

### I-Data

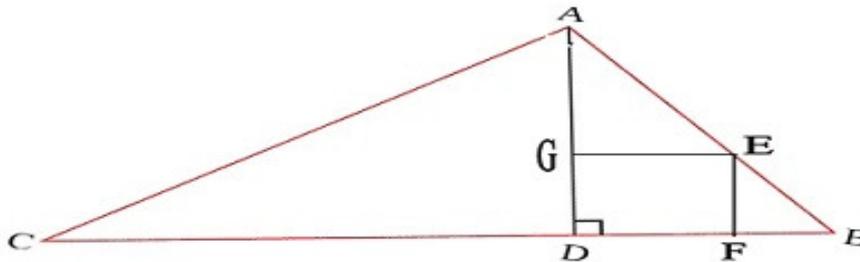
**Group No. (3)**

**Table No. 1 Why Earth Circumference = 40080 km?**

*If Earth diameter = 12756 km, is considered to be = 1*

Earth Circumference = 40080 km, will be just = $\Pi$ So.....		Error
❖ Earth Circumference	= $\Pi$	-
❖ Solar Inner Planets Diameters Total	= $\Pi$	-
❖ Solar Outer Planets Diameters Total	= $9\Pi$	-
❖ Moon Orbit Radius (At Perigee Point)	= $9\Pi$	-
❖ All Solar Planets Diameters Total	= $10\Pi$	1%
❖ Moon Orbit Radius (At Apogee Point)	= $10\Pi$	1.2%
❖ 2 Jupiter Diameter + Saturn Diameter	= $10\Pi$	
❖ Moon Orbit Radius (At Total Solar eclipse Point)	= $9.5\Pi$	-
❖ Saturn Circumference	= $9.5\Pi$	-

### Additional Data



**If**

**AB = 120536 km = Saturn Diameter**

**CB = 449000 km = Jupiter Circumference**

**AC = 373000 km = Saturn Circumference**

**But we Know that**

**2 Saturn Circumferences = 2 Jupiter Circumferences – 1 Jupiter Diameter**

**2 Jupiter Diameters + 1 Saturn Diameter = Solar Planets Diameters Total**

**Saturn Circumference = Earth Moon Distance At Total Solar Eclipse.**

$$\frac{\text{Earth Diameter}}{2 \text{ Neptune Diameter}} = \frac{\text{The inner planets diameters total}}{\text{The outer planets diameters total} - \text{Neptune Diameter}}$$

**So**

**CD = 363000 km = (Earth Moon Distance when the moon at perigee point)**

**CF = 406000 km = (Earth Moon Distance when the moon at apogee point)**

**DF = FB = 43000 km (distance between perigee and apogee)**

**AD is Perpendicular on the base CB where AD = DB = 86000 km**

**EF = GD = 43000 km (DFEG is a square its dimension = 43000 km)**

**EF is perpendicular on the base, so the angle (BEF) = 45 degrees.**

## **II-Discussion**

Clearly the Moon Orbit is created depending on Jupiter and Saturn Diameters- the previous triangle in fact is a mine of data

Also Table No. 1 tells us easily that – our discussion was a very small part of the whole process

Earth Circumference also plays a curial role in the solar group geometry and effect on and effected by Jupiter and Saturn relationship – but as it's seen – we can't more further in the discussions because – we already has a heavy discussion in this paper and the data provides us with even more heavier discussions!

The ability is limited any how-

Any way – the moon orbit miracles I have discussed in my previous papers – please read them

The Moon Orbit Analysis

<http://vixra.org/abs/1811.0422>

The Moon Orbit Triangle

<http://vixra.org/abs/1901.0082>

Total Solar Eclipse Analysis (Part I)

<http://vixra.org/abs/1903.0091>

Why We See the Sun Disc = the Moon Disc?

<http://vixra.org/abs/1903.0322>

The Moon Orbital Motion

<http://vixra.org/abs/1812.0200>

Does The Moon move by Gravity?

<http://vixra.org/abs/1810.0089>

The Moon Motion is A Relativistic Motion

<http://vixra.org/abs/1812.0132>