Planet Data Geometrical Significance
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==Abstract==

"Research Hypothesis"
Solar Planets Data Are Created Based On One Equation Only

The Hypothesis Explanation
Solar planets data such as Planet Diameter – Orbital Distance – Orbital Period - Orbital Inclination- Axial Tilt…..etc
All this data is created based on **One Equation Only**

This paper has 3 objectives which are:

1st to prove the research hypothesis

2nd to explain "how to analyze planets data to conclude the geometrical rules behind it"

3rd to discuss the theoretical basics, on which this one equation is created

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1- Introduction

This paper tries to answer a simple question

Why Saturn diameter	=120536 km?... of course not only Saturn…!
Why Jupiter diameter	= 142984 km?.... or
Why Earth circumference	= 40080 km? ……….
Why the moon circumference	= 10921 km?

Why Earth axial tilt =23.4 degrees? Why Venus Orbital inclination =3.4 degrees?

Shortly

How The Planet Data Is Created?

I would to answer the questions just directly… but because the questions are still unclear?
We need to see deeply as possible what does such question mean?
Let's try with the first 2 questions together …

Why Saturn Diameter = 120536 km? and Why Jupiter Diameter = 142984km?

For answer we need to provide the Data in groups then we'll discuss it

Data (1st Group)

1- Jupiter Diameter = 2 Jupiter Circumferences – 2 Saturn Circumference.
2- Jupiter Diameter = 8 Solar Planets Diameters Total
3- Saturn Diameter + 2 Jupiter Diameters = the solar planets diameters total
4- Saturn Diameter + 2 Jupiter Diameters = Earth Moon Distance (Apogee Radius)
5- Saturn Circumference = Earth Moon Distance (Total Solar Eclipse Radius).
6-
$$\frac{\text{Jupiter Diameter}}{\text{Satrun Diameter}} = \frac{2\pi}{2\pi - 1}$$

Data (2nd Group) (A)

Saturn Diameter	= Venus Diameter x π^2	(Error 0.8%)
(Venus Circumference)^2	= Saturn Orbital Distance	(Error 1%)

But we know that
Saturn Orbital Distance = 1433.5million km= Saturn Uranus Distance = Mars Orbital Circumference = Pluto Eccentricity Distance = (Neptune Orbital Distance/π) = Mercury Jupiter distance x 2

(B)
Mercury Day = 176 solar days (minus 5040 seconds)

During 5040 seconds

- Mercury moves a distance = 2 x Saturn Diameter
- Mars moves a distance = Saturn Diameter
- Saturn moves a distance = Neptune Diameter
- Pluto moves a distance = Pluto diameter x π^2

Note Please
- 2 Saturn diameter x **5040** = 1205 mkm **(Mars Saturn Distance)**

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- **Data (3rd Group)**
- Jupiter Diameter x **5040** = 720.7 mkm (**Mercury Jupiter Distance**)

- Jupiter Diameter = 1 million km / 7

(**Note Please**: Mercury Orbital Inclination = 7 degrees but Mercury orbital circumference =360 mkm = 360 degrees i.e. 1million km = 1 degree)

- The Sin Diameter = Jupiter Diameter x **π^2** (Error 1.3%)

Let's add the required Data for question no.3 (Why Earth Circumference = 40080 km)

Data (4th Group)

Table No. 1 Why Earth Circumference = 40080 km?		
If Earth diameter = 12756 km, is considered to be **= 1**		
i.e. The Earth Circumference which = 40080 km, will be just =Π		
So The Following Is Correct		**Error**
❖ Earth Circumference	**= Π**	-
❖ Solar Inner Planets diameter total	**= Π**	-
❖ Moon motion free space (from perigee to apogee) (the free space without the moon diameter)	**=Π**	1.3%
❖ Moon Perigee orbit radius	**= 9 Π**	-
❖ Solar outer planets diameters total	**= 9 Π**	-
❖ Moon orbit apogee radius	**=10 Π**	1.2
❖ All solar planets diameters total	**=10 Π**	1
❖ **2** Jupiter diameter + Saturn diameter	**=10 Π**	-
❖ Saturn Circumference = Moon orbit radius at total solar eclipse	**= 9.5Π**	-
❖ Jupiter Circumference	**=11 Π**	1.9
❖ The Sun diameter	**=11 Π^2**	1.2

Let's Start our discussion immediately

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<mark>**Discussion**</mark>

The previous Data is just example of many similar Data- Simply-

Earth Circumference = 40080 km – but 40080 km is NOT mere number –

There are many relationships and geometrical interactions are created based on this same number 40080 km (Earth Circumference)….. **<u>WHY?</u>**

Let's ask the simpler question… How Earth Circumference is Created? No one knows!

Let's make this discussion is so short as possible…..
We have 2 visions in fighting

The current theory tells us that the Planet is created independently in its Data – that means Earth Circumference is created without any effect from any planet Diameter on Earth Diameter Creation Process…
i.e. this vision tells us that

Solar Planet Behavior Is Individually

I provide another vision
The solar group is one building-
The solar planets are components in this same building (members of the same body)
i.e.

Solar Planets Behavior Are Integrating And Cooperating Behavior
It's
The machine behavior- or the body behavior
(all planets cooperate and integrate to do this same behavior)

That's why

There's One Equation Only controls all solar planets data

This paper tries to prove basically this hypothesis
So the paper contains the following

- The Hypothesis Proves   (Point No. 3)
- How to analyze the planet Data   (Point No. 4)
- The Theoretical basics behind solar planets data Equation   (Point No. 5)

Let's see research methodology and state the proves immediately

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2-Methodolgy

- I use The Same Methodology In All My Papers
- I use NASA Planetary Fact Sheet (http://nssdc.gsfc.nasa.gov/planetary/factsheet/)
- I analyze the solar planet data to see the geometrical rules and concepts on which this data is created….
- As in Pythagoras rule ($a^2 = b^2 + c^2$) if we have a right triangle its dimensions are 3,4 and 5 – so by analyzing the values 3,4 and 5 we may reach to Pythagoras rule – that's why I analyze the solar planets data….

Let's use one example for better explanation….

How the solar planet orbital distance is defined? By gravitation equation (m/r^2)

Let's analyze this answer …. in following….

(1)

- The inner planets order (Mercury – Venus – Earth) shows that there's some relationship between the planet diameter (and mass) with their orbital distance, means **Greater Diameter (And Mass) needs Greater Orbital Distance** …

(2)

- The outer planets order (Jupiter- Saturn- Uranus- Neptune – Pluto) tells that the rule is reversed where **Greater Diameter needs Shorter orbital Distance** …. But…. The order depends on The Diameter and NOT on The Mass because Uranus Diameter is greater than Neptune where Neptune Mass is greater than Uranus..

(3)

- So there's a relationship between the planet diameter and his orbital distance and this relationship is reversed after Mars for some reason- (where the Data doesn't support **the relationship between the planet mass and orbital distance** which disproves the gravity concept)

When we have asked this question…the answer was because of **"The Initial Points"**

But we couldn't accept this answer…because

- The inner planets and outer planets orders provide 2 different forms of **the same rule** ….. means all planets order provide a clear proof that there's a relationship between the planet diameter and orbital distance (and disproves the relationship between the planet mass and orbital distance)
- The rule reversal is done with Mars which provide an important question needs to be discussed in more researches about Mars Position Evaluation…

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==**3-1 Preface**==
I wish it's clear that the proving process is hard
So we need to define what proof can be valid in such claim….

I try to prove one clear idea which is:

The solar group behaves as one building – or one machine – or one body –The solar planets don't behave individually-

"Each planet defines its creation data and motion trajectory"….. this statement simply **Is NOT TRUE**

The solar planets behave as **One Building** – as **One Body**….

Let's use an example for explanation
In double production experiment – from Gamma rays 1.2 Mev – it's possible to produce electron and positron- now these electron and position behave as one body…! Why? Because they are created to be complementary to each other –
Equal In Masses And Different In Charges – their motions lead them again to the annihilation process-
So the electron and positron here consist one body where they are produced to be complementary to each other and their behaviors and motions depend on each other…

This is exactly what happened with the solar planets – the 9 planets are created to be complementary to each other and they together (the 9 planets) consist one building and cause one general behavior

So the next proves try to show that – **The Solar Planets Behave As One Body**

This idea can be clear even from kepler laws ….

What kepler 3rd law tells us ….for each planet **(distance^3/period^2) =Constant** …Why?

Newton tells us … because of the sun gravity…! I don't discuss the gravity here ….
I discuss the group behavior….
Kepler tells that …..**Each planet Behave (Similar) To Any Other Planet….**
Newton found some reason behind this behavior….. I don't discuss the reason…

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I discuss the behavior
And from kepler 3rd law I need to confirm on only "the similar behavior between the planets"-
which I will use to claim that

"This Behavior Is Not A Behavior Of Each Planet Individually But A Behavior Of The Whole Solar Group"

So it's my claim
If we see any planet behaves (similar to) any other planet…. That doesn't mean each planet behaves individually similar to the other planet.

But means

All solar planets uses the same ONE BEHAVIOR …. That because they behaves as a group (as one Body) and not as individual planets-
This is my explanation for kepler law – not matter if this explanation is strange or even wrong – that because I have many data supports this understanding direction for kepler 3rd law.

Shortly
In our proving process we will try to prove that – the solar planets behave as one building in different behaviors
Which supports my claim – that Any Planet Data is Created based on other Planet data –
Which lead is to conclude that –
> **There's One Equation Only controls all solar planets data.**

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3-2 Planet Orbital Distance Equation

Planet Orbital Distance Equation (Gerges Francis Equation)

$$d^2 = 4d_o(d - d_o)$$

d= Planet Orbital Distance d_o= Previous Planet Orbital Distance
There are 3 exceptions which are:
-    Earth depends on Mercury   -Mars depends on Venus   - Pluto depends on Uranus

Let's See This Equation Using In Following:
1-
Venus Orbital Distance 108.2 mkm)^2= 4* Mercury Orbital Distance 57.9mkm x 50.3mkm
Mercury Venus distance.   (No error)
2-
(Earth Orbital Distance.149.6 mkm)^2 = 4* Mercury Orbital Distance 57.9mkm x91.7 mkm
Mercury Earth distance)   (2.5%)
3-
(Mars Orbital Distance 227.9 mkm)^2 = 4* Venus Orbital Distance 108.2 mkm x 120 mkm
Venus Mars distance)   (No error)
4-
(Ceres Orbital Distance 415 mkm)^2 = 4* Mars Orbital Distance 227.9 mkm x187 mkm Mars
Ceres distance)   (No error)
5-
(Jupiter Orbital Distance 778.6 mkm)^2 = 4* Ceres Orbital Distance 415 mkm x 364 mkm Ceres
Jupiter distance)   (No error)
6-
(Saturn Orbital Distance 1433.5 mkm)^2 = 4* Jupiter Orbital Distance 778.6 mkm x 655.7 mkm
Jupiter Saturn distance)   (No error)
7-
(Uranus Orbital Distance 2872.5 mkm)^2 = 4* Saturn Orbital Distance 1433.5 mkm x 1439
mkm Saturn Uranus distance)   (No error)
8-
(Neptune Orbital Distance 4495.1 mkm)^2 = 4* Uranus Orbital Distance 2872.5 mkm x 1622
mkm Uranus Neptune distance)   (4%)
9-
(Pluto Orbital Distance 5870 mkm)^2 = 4* Uranus Orbital Distance 2872.5 mkm x 2997.5 mkm
Uranus Pluto distance)   (No error)

The Discussion:
The Equation works perfectly with all planets except (**Mars,** Earth and Pluto)…
We have here 2 questions

   (1) **Why does the equation work suitably?** Because Plant Orbital Distance isn't
      defined based on the gravity forces – but defined as a distribution process for one
      group (one team) - that means not each planet defines his position individually – but
      the planets define their positions relating to each other as distribution for one team.
      ……i.e. one body makes distribution for its members – so each member position is
      in harmony relating to the other members positions.

   (2) Why Mars- Pluto and Earth doesn't follow completely the Equation? Because Mars
      is exceptional in the solar planets distribution (may Mars changed its orbital distance
      during the history) and that effects on Pluto and Earth – the following argument
      supports this idea.

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Solar Planets Distribution

The Most Near Distribution For The Solar Planets Order

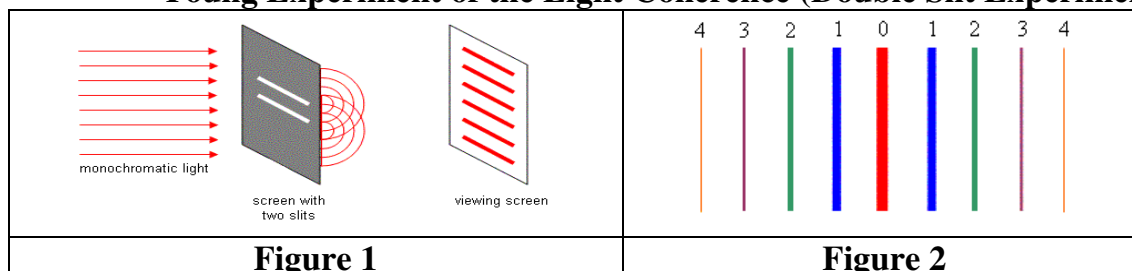## Young Experiment of the Light Coherence (Double Slit Experiment)

Figure 1	Figure 2

I- Double Slit Experiment

- We know from the double Slit Experiment (Young Experiment), that 2 light beams may get coherence together, and the result will be bright and dark fringes
- that tells us there are 2 different types of light beams, the original light and the bright fringe
- The bright fringes thickness decreases regularly from the middle one to both sides (i.e. the bright fringe greatest thickness in the middle one- figure No. 2)

Now Let's suppose that "We See The Bright Fringe As A Planet"

- **The Solar Planets Distribution corresponds to The Bright Fringes**

  o Jupiter the Most Great Planet (Fringe) is found in the Middle

  o Both Ends have the smallest planets (Mercury and Pluto)

  o The Planets volumes and Masses decrease regularly at both sides from Jupiter
    ▪ Saturn / **Mars (exceptional)**
    ▪ Uranus / Earth
    ▪ Neptune / Venus
    ▪ Pluto / Mercury
    ▪ Only One Exception is Mars

Mars is exceptional – Please review research Methodology Where Mars was the point at which the rule is reversed….

Now we have 3 arguments claim that Mars is NOT suitable to his position in the solar group order – that may support my claim

Please review

Mars Orbital Distance Is Changed Through History

http://vixra.org/abs/1905.0510

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3-3 Planet Gravity Equation

Gravity Equation (Gerges Francis Equation)

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

Solar Planet Gravity Equation

I- Data

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/sec2	3.7 m/sec2	0
Jupiter	$(0.0892)^2$ x (1898 / 5.97) x 9.8	24.7 m/sec2	23.1 m/sec2	6.9%
Saturn	$(0.10582)^2$ x (568/5.97) x 9.8	10.44 m/sec2	9 m/sec2	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%

II- Discussion

1. We can see that, the Equation is working sufficiently with all planets and even the sun follows this same equation, except with Jupiter and Saturn there are big error (6.9% and 16% respectively…. Why?)

2. Jupiter error is 6.9% which is very near from our rate 7.25%, also for Saturn, if Saturn diameter in increased with rate 7.25% to be 129500km … in this case there will be no error in his gravity equation… I claimed that the rate 7.25% (or 7.1) is found as relativistic effects in the solar group – this rate 7.1% is found as length contraction effect rate between the planets orbital and internal distances – that's why these 2 planets have high rate of errors – please review my paper

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

3. 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 group is originated, otherwise why the sun herself follows the same equation? I wish we see easily that the data is created depending on other data which supports my claim.

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3-4 Planet Orbital Inclinations and Axial Tilts Discussion

Data

(1)

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

(2)

a- (180 degrees/2π) =28.66 degrees (but 28.66 degrees x **0.99** = 28.3 degrees "Neptune Axial Tilt"

b- 17.4 degrees (Inner planets orbital inclinations total) x **0.99** = 17.2 degrees(Pluto Orbital Inclination)

c- 23.6 degrees (Outer planets orbital inclinations total) x **0.99** = 23.4 degrees (Earth Axial Tilt

(3)

6585.39 degrees² =

= 232.7 deg (Inner Planets Axial Tilts <u>Total</u>) x 28.3 deg. (Neptune Axial Tilt)

= 278.4 deg. (Outer Planets Axial Tilts Total) x 23.6 deg. (Outer planets orbital inclinations total)

Please remember

Saros Cycle = 6585.39 days ….. if 1 day = 1 degree that means 6585.39 degrees = 6585.39 days

That means ….

Saros Cycle was found as a integrating motion – it's not a motion does by Earth Moon…! that's NOT correct …… It's an integrating motions done by many planets motions and effects

(1 degree = 1 day because the moon orbit regresses 19 degrees yearly which regresses the calendar 19 days also… that means this rate is a real and working)

Discussion

I wish the previous Data supports clearly my claim ….

The planets data doesn't behave individually –

There's no planets behaves independently from the others

All planets behave in integrating behavior and motion…. And because of that the previous data is found….

Now we can conclude easily that the planet data is created to be suitable in such integrating processes –

i.e.

The Planets Data Are Created Depending On Each Other

Easily to support that

There's One Equation based on which all the solar planets are created
i.e.

If I find this Equation I can conclude any planet data may be still absent or difficult to observe

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3-5 Planet Diameter And Orbital Distances Equation

I-Data

$$D = R * 109^2 \text{ (Gerges Francis Equation)}$$

Where d= planet orbital distance   R = Planet diameter

Let's see that in following

- 109^2 x Mercury diameter 4879   = 57.9 mkm Mercury orbital distance

- 109^2 x Venus diameter 12104   = 144.9 mkm (Mars Displacement)

- 109^2 x Moon diameter 3475   = 41.4 mkm (Earth – Venus distance)

- 109^2 x Earth diameter 12756   = 149.6 mkm (Earth Orbital distance)

- 109^2 x Mars diameter 6792   = 80.5 mkm (Earth – Mars distance)

- 109^2 x Jupiter diameter 142984   = 1700 mkm (Mars –Jupiter Circumference)

- 109^2 x Saturn diameter 120536   = 1433.5 mkm (Saturn Orbital Distance)

- 109^2 x Uranus diameter 51118   = 607.5 mkm

- 109^2 x Neptune diameter 49528 x 2π = 3700 mkm (Jupiter Neptune distance)

- 109^2 x Pluto diameter 2390 x π = 89 mkm (Earth – Mercury distance- 3% error)

II-Discussion
- Previous data tells us that D is Not only (the Planet orbital distance), but also a distance between 2 planets (or even the circumference of this distance)
(i.e. D defines the planet position)
Please Note
The Equation works suitably but because of Mars disturbance not perfectly.
Please note this is the 4th argument which tells that Mars isn't suitable for his position in the solar group
Please review
Mars Orbital Distance Is Changed Through History
http://vixra.org/abs/1905.0510

Does Mars Fit his Position Is The Solar Group? Why Not?
http://vixra.org/abs/1904.0009

Mars Immigration Proves (Revised)
http://vixra.org/abs/1807.0268

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3-6 A Critic Against the Big Bang Theory

How the Planet Diameter is Created?

The Current theory tells us:

A big star was followed the sun, later had exploded and from this star material the solar planets were created –

i.e. Each planet diameter is created **RANDOMLY** ….But we know that..

The Total Solar Eclipse is occurred because we see **The Sun Disc = The Moon Disc**, Why? Because ..

$$\frac{\text{The Sun Diameter}}{\text{The Moon Diameter}} = \frac{\text{Earth Orbital Distance}}{\text{Earth Moonl Distance}} = 400$$

Why The Diameters Rate =The Distances Rate? Is there a geometrical reason behind?

The Current theory tells "No….. It's Pure Coincidence!"

But

Table No.2		No Error More Than 1.5%
The Relationship		**The Rate**
Earth Diameter / Venus Diameter	=	A
= Mars Diameter / Earth Radius	=	
Mars Diameter / Venus Radius	=	A^2
= Venus Diameter / Moon Circumference	=	
= Moon Radius * Π/ Mercury Diameter	=	
= Pluto Circumference / Mars Diameter	=	
=Uranus Circumference / Jupiter Diameter	=	
= lunar apogee radius /lunar perigee radius	=	
Pluto Circumference / Earth Radius	=	A^3
= Mercury Circumference / Earth Diameter	=	
= Earth Diameter / Moon Circumference	=	
= Uranus Radius / Mars Circumference	=	
= Jupiter Diameter / Saturn Diameter	=	
= Saturn diameter / Uranus Diameter	=	
Venus Radius / Mercury Diameter	=	A^4
= Uranus Diameter / Earth Circumference	=	
Uranus Diameter / Venus Circumference	=	A^5
Jupiter Radius / Uranus Diameter	=	A^6
= Mercury Diameter / Moon Diameter	=	
= Mars Diameter / Mercury Diameter	=	

By random process the planets diameters can be created in rates to each other as this table shows!

i.e.

The Planet Diameter Can't Be Created Based On Any Random Process

That supports my claim … the solar planets behaves as one machine

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The Moon Orbit Triangle

I wish to refer to the Moon Orbit Triangle (Data) which supports clearly my claim that

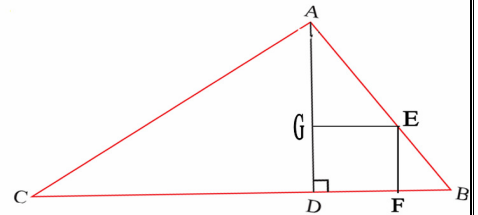### *The Solar Planets Behaves As One Machine*

Data Let's remember
- **Solar Planets Diameters Total = 2 Jupiter Diameters + 1 Saturn Diameter**
- **The Solar Planets Diameters Total = Earth Moon Distance At Apogee Point**
- **2 Saturn Circumferences = 2 Jupiter Circumferences – 1 Jupiter Diameter**
- **Saturn Circumference = Earth Moon Distance At Total Solar Eclipse.**

More Data

Let's suppose **C is Earth**
- AB = 120536 km = (=Saturn diameter)
- CB = 449000km = (=Jupiter Circumference)
- AC =373000 km =(=Saturn Circumference)= 373000 km = (Earth Moon Distance- solar eclipse radius)

Details of CB

- 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 =43000km)
- EF is perpendicular on the base, so the angle (BEF)= 45 degrees.

Let's remember also Table No. 1

Table No. 1	Why Earth Circumference = 40080 km?	
If Earth diameter = 12756 km, is considered to be **= 1**		
i.e. The Earth Circumference which = 40080 km, will be just =Π		
So The Following Is Correct		**Error**
❖ Earth Circumference	= Π	-
❖ Solar Inner Planets diameter total	= Π	-
❖ Moon motion free space (from perigee to apogee) =Π (the free space without the moon diameter)		1.3%
❖ Moon Perigee orbit radius	= 9 Π	-
❖ Solar outer planets diameters total	= 9 Π	-
❖ Moon orbit apogee radius	=10 Π	1.2
❖ All solar planets diameters total	=10 Π	1
❖ **2** Jupiter diameter + Saturn diameter	=10 Π	-
❖ Saturn Circumference = Moon orbit radius at total solar eclipse	= 9.5Π	-
❖ Jupiter Circumference	=11 Π	1.9
❖ The Sun diameter	=11 Π^2	1.2

Discussion

I wish the idea is clear enough before the reader that the solar planets behaves as one Machine or One Body (review "**The Moon Orbit Triangle**" http://vixra.org/abs/1901.0082)

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Through the Mother of God mediation
I do this research

4-Planet Data Analysis Procedures

4-1 The Unit Definition
4-2 Data Analysis procedures

4-1 The Unit Definition

What's the kilometer? It's distance measurement unit…
What's the solar day =86400 seconds? Time Measurement Unit…etc

How these units are created?
How to create a solar day? It's a rotation period of The Earth around her axis!
Earth moves daily a distance =2.58 million km … that means if Earth moves 2.58 daily she will create a solar day….
I want to say that …
The unit is created based on Planet motion – we may define a unit as a time unit but this same unit can be defined as a distance unit by another observer…
For example
Mercury Orbital Circumference = 360 million km = 360 degrees
That means each 1 degree of Mercury orbital Circumference = 1 million km …
If the solar group is one machine -as I claim- that means Mercury is a Gear in this machine and any other planet can uses (as optional) Mercury Rate (1 degree = 1 million km)

To see this picture more better we have to suppose that … in the solar group it's possible to find this equation "1 degree = 1 million km = 1 day"

The Unit Is Defined According To The Observer Position And Situation

So in fact – there's no difference between 1 degree, 1 million km and 1 day …. These units are equal but each observer sees from his position (or from his point of view)

Why this idea is useful…?
The solar group is one Trajectory of Energy – let's imagine that the solar group is similar to a thread….thread of cloth….this thread is single in some places and doubled or even tripled in other places…. When the thread is single we see it as space and when the thread becomes doubled or tripled we see it as matters…
The transformation of the single thread into doubled or tripled depend on the planet motion
So
What we see as distance – can be seen from other observer as time – or as degrees – or as any other units….!

Is this Idea so strange?! Let's ask one question to help us to see much better? Now the energy is the same but has different forms (oil- sun light – nuclear – electromagnetic.. etc) why the energy has different types (while the content is the same) ! Because Each observer sees these energy types from different positions….
Please review
Why Energy has Different Forms? http://vixra.org/abs/1812.0116

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4-2 Data Analysis Procedures

What we have learnt from this paper….?

2 things

    1- There's One Equation Controls All Solar Planets Data

    2- The units are defined according to the observer

So

How we should analyze the planet Data?

    a- We have to try to reach to this equation on which the solar planets data are created

    b- In our analysis we should keep in mind that – the units change is similr to the translation from position to another position….

Let's use example to explain that

Mercury orbital circumference =360 mkm =360 degrees

Now suppose Mercury effects on Jupiter by one degree only

But 1 degree = 1 million km

Because Jupiter is far from Mercury – so Mercury Orbital Inclination should effect on this relationship between Mercury and Jupiter- now look at what's happening

(1 degree = 1 million km) / (7 degrees =Mercury orbital inclination) = 142984 km (=Jupiter Diameter)

I don't know by what geometrical mechanism this equation (effect) is done- what I know clearly is that …. Jupiter Diameter is created based on a relationship between Mercury and Jupiter…

That can help us to understand this equation also

142984 km (Jupiter Diameter) x 5040 = 720.7 million km (Mercury Jupiter Distance)

And

We know that Mercury needs 5040 seconds to make his day = 176 solar day exactly

Data Analysis procedures Summary:

    1- Seek to reach to the one Equation on which all solar planets data are created

    2- Analyze the Data (regardless the unit) where the unit is defined based on the observer position

The next point is a new and very important rule

    3- Ask What geometrical rule control the Data and why this geometrical rule is important in the geometry science and how to discover the new geometrical rules.

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5- Planet Data Equation Theoretical Concepts
5-1 The Solar Group Is One Body

5-1 The Solar Group Is One Body

The Claim Explanation & Features

1- The Solar Group is One Building And Each Planet Is A Part Of This Same Building ….Or
2- The Solar group is One Trajectory of Energy And Each Planet Is A Point On This Same Energy Trajectory…. Or
3- The Solar Group Is One Machine And Each Planet Is A Gear In It… Or
4- The Solar Group Is A Great River And Each Planet Is A Canal of this same river
5- The solar group has <u>One Great Job</u> which is divided into integrated tasks for each planet has one task which should be integrated and cooperated with other planets tasks to perform the General One Great Job….

i.e.

6- Each Planet Data (Diameter- Mass- Orbital Distance -…. etc) is created to be suitable for this planet required task in the whole building and **<u>No Solar Planet Single Data Can Be Created Independently</u>**

This argument is discussed deeply in my paper – please review it
The Solar Group Is One Body
https://www.slideshare.net/Gergesfrancis/the-solar-group-is-one-body
or
https://www.academia.edu/s/69acaa539a/the-solar-group-is-one-body
or
https://www.academia.edu/39521189/The_Solar_Group_Is_One_Body

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