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### Solar Planet Motion Trajectory Is A Square (Proves No.2) By Gerges Francis Twadrous

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### **Abstract**

We complete our discussion in the previous paper Solar Planet Motion Trajectory Is A Square (Proves) <u>http://vixra.org/abs/1811.0147</u>

Solar Planet Motion Trajectory Is Square And Not An Ellipse

This papers provides 2 proves for this claim

- 1- Earth Cycle (365+365+365+366) = 1461 days... the previous Cycle consists of 4 years and can be used <u>as square form</u>..! but the square is <u>4 equal distances</u> and not <u>periods of time</u>...?! But We have discussed before that the time and distance values can be equivalent in some cases in the solar group geometrical structure... which means the value which we see as period of time may work as distance for another observer... (Why Earth has this 4 sidereal years Cycle?) Please review The Time definition <a href="http://vixra.org/abs/1805.0523">http://vixra.org/abs/1805.0523</a>
- 2- Mars Immigration proves that the solar planet motion trajectory is square and not an ellipse (This Paper discusses This Point Only)
   Please review
   Mars Immigration Proves (Revised)
   <u>http://vixra.org/abs/1807.0268</u>

Pluto was "The Mercury Moon" http://vixra.org/abs/1807.0331

Note Please This paper depends on the main concepts mentioned before please review..

The Solar Group Geometrical Structure is A Pyramid (Revised) <u>http://vixra.org/abs/1811.0060</u>

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### **1- Introduction**

I claim that, solar planet motion trajectory is a square but we see wrongly it as an ellipse

The wrong vision is a known problem...as we see the mirage but we know it's untrue..... and we may see a spoon broken in the cup of tea but we know that the spoon isn't broken...

So, my claim is that..... **The planet motion trajectory is square but we see it as an ellipse** I mean all observation methods will reach to this same result that the solar planet motion trajectory is an ellipse.. why?

I claim ...

Earth Moon Orbit geometrical structure causes to cover the planet motion real trajectory which is a square with an imaginary trajectory which is an ellipse...

How can I prove my claim "the solar planet motion is square?"

### I use "Solar Planets Data Analysis"

The solar planet data analysis interests basically for the concept behind the data! For example why Saturn gravity is small relative to his great mass?! ... by the data analysis we try to see the concept on which the planet geometrical structure is created...

The solar planet data analysis tells us that the planet motion trajectory can't be simple ellipse and there are 2 features in this trajectory.

1<sup>st</sup> The Solar Planets can't be on **the same horizontal level**. In fact each planet occupies one step higher or lower than the other planets which makes the solar group as a ladder ...

2<sup>nd</sup> The Planet Motion Trajectory Is A Square And Not An Ellipse

By these 2 features ... the solar planets motions integrated trajectory will be as a pyramid form..

How can I prove my claim? The observation will disprove it, but I can use the solar planets data analysis...

In my previous paper Solar Planet Motion Trajectory Is A Square (Proves) <u>http://vixra.org/abs/1811.0147</u>

I have provided 2 points as proves for my claim.... Let's summarize them in following:

### 1<sup>st</sup> point: The Rate $1.2727 = (4/\pi)$ .. or $127.27 = (400/\pi)$

This rate is found plenty in the moon orbit geometry, and I claim this rate is found because the moon orbit covers the solar planet motion trajectory which is a square by imaginary trajectory which is an ellipse where (square circumference/ circle circumference =  $4/\pi$ )

### 2<sup>nd</sup> point: The Earth Circumference

I claim that, the Earth Circumference is created in specific form and with specific geometrical features to help the moon orbit to cover the planet motion real trajectory which is a square with an imaginary one which is an ellipse.

In this paper I add more proves for this same claim and we'll use the same method.

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In fact I face real difficulty to prove my claims and to perform a progress in solar group geometry understanding...let's consider this problem in following..

The direct observation tells us untrue description about the solar group and we need to use the solar planet analysis to see the solar group geometrical structure as clear s possible On the other side, the data analysis method isn't known acceptable method in astrophysics which prevents us from any progress...

### For example:

Mars orbital period 687 days = Moon orbital period 27.3 days x 25.2 (Mars axial tilt =25.2) The previous equation (or calculation) isn't a proof that there's a relationship between Mars orbital period and moon orbital period! No one accepts it as a proof! What's the proof?!

"The rate between 2 Orbital Periods = Mars axial tilt" Why this isn't a proof....?!

(Mars diameter / Moon diameter)= 1.95 (Mars orbital inclination =1.9 degrees – error 2.8%) The previous calculation supports the data same direction... there's a geometrical relationship between Mars and The Moon and this relationship is seen in different data...  $1^{st}$  time in orbital periods and  $2^{nd}$  time in diameters... Still this isn't a proof!!

Mars Circumference x The Moon Circumference = Mars Orbital Distance (error 2.3%) This is a third information which supports the data same direction....also isn't a proof!

25.2 deg. (Mars axial tilt) = 1.9 deg. (Mars orbital inclination) x13.18 degrees (Moon motion daily =13.18 degrees)

This is 4<sup>th</sup> time the data supports the same direction....but still isn't a proof!!

115.2 deg (Mars axial tilt at vertical level = 25.2 + 90) 115.2 deg. Mars Axial Tilt vertically = 6.7 deg. (The moon axial tilt) x 17.2 deg. Pluto orbital inclination

This is  $5^{\text{th}}$  time the data supports the same direction....and tells us clearly

### There's a relationship between Mars and the Moon ....

The current theory considers all previous data and relationships as pure coincidences... Now the situation is this...

The direct observation deceives us and the current theory prevents us to use the data analysis... so the solar group geometrical structure is found based on "pure coincidences"!!

In this paper I claim that

Mars Immigration proves That The Solar Planet Motion Trajectory Is A Square

(In my previous paper "Mars Immigration proves", I claimed that Mars original orbital distance was 84 million km but Mars immigrated from his original point to his new orbital distance 227.9 mkm. This event (Mars immigration) causes many changes in the solar group geometry ...one of these changes is Pluto Immigration... where Pluto was The Mercury Moon and had to immigrate as a result for Mars immigration (according to my description)

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### 3- Mars Immigration proves the Planet Motion Trajectory Is A Square

- 3-1 The Main Idea Revision
- 3-2 The Data
- 3-3 The Discussion

### **3-1 The Main Idea Revision**

- The Solar Planets are Found On Different Horizontal Levels (Steps) Which makes The Solar Group As A Ladder. Based On That, When The Planets revolve Around The Sun, They create A Pyramid Form For Their Motions Trajectory (<u>The Main</u> <u>Hypothesis</u>)
- The Planet revolution around the sun which we see in <u>ellipse form</u> in fact it's <u>square</u> <u>form.</u>
- The Planets motions Trajectory is A Pyramid and not A Cone
- The sun is found on the Pyramid Apex

I need 3 steps to reach to this conclusion let's summarize them:

### 1<sup>st</sup> Step:

- to accept that, the solar group is created from one energy, where the planet matter and orbital distance are created from the same energy.
- The solar group has a geometrical structure which creates all solar planets data (such as planet diameter, mass, orbital distance....etc) to be in harmony with each other...
- The planets data general harmony produces planets motions general harmony, based on which Kepler 3<sup>rd</sup> law is produced

# 2<sup>nd</sup> Step:

- To realize that, the planets data general harmony can be produced only by a **geometrical structure** which guarantees the Planets data general harmony ...
- i.e. This geometrical structure causes the planet data (diameter- mass-orbital distance ...etc) to be produced in harmony with the other planets data....
- i.e. This geometrical structure produces all planets data

3<sup>rd</sup> Step:

- This geometrical structure I concluded that, <u>It's A Pyramid</u>...

### The Planet matter and orbital distance

The matter (mass) is created from Energy ( $E=mc^2$ ) and Space is energy (my hypothesis) where the planet motion needs energy.... Now these 3 factors depend on Energy, and all of them are created from the same source (Energy), so the interaction and coherence between them is inevitable which may cause great difficulties in explanation....

For example ... we may find a planet move slowly because he spent his energy for his mass, and the rest energy isn't enough to provide faster motion...

**Shortly:** One energy produces all factors, that's why these factors are related to each other and integrated with each other...

The Solar Group Geometrical Structure is A Pyramid (Revised) <u>http://vixra.org/abs/1811.0060</u>

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### **3-2** The Data

Group No. 1		
1- 25920	= 452.57 x (180/ $\pi$ ) = 86400 x 0.3	
2- 452.57	= 4 x 113.1 = 63.74 x 7.1 = 144 x $\pi$	$(113.1 = (144/1.272727) = 27.3 (\pi+1))*$
3- 361	= 452.57 x 0.8	
4- 2 x 2844	$= 144 \text{ x} (2\pi)^2$	(2872.5 x 0.99 = 2844)
5- 346.6	= 144 x 2.41 but 30	589 = 88 x 346.6 +88

### Group No. 2

- 6- 227.9 mkm x 4 x  $\pi$  = 2872.5 mkm\*
- 7- 153 mkm 84 mkm = 69 mkm (but 69 x 4= 276 mkm = 7  $x(2\pi)^2$ )\*
- 8- 100  $\pi$  = 4 x 78.3\*
- 9- 108.2 -84 = 24.25 (but 24.25 x 4 = 97)\*
- 10-120 x 4 = 480 (but  $480 = 153\pi$ )\*
- 11-627 mkm = 144 mkm x 4.37 mkm

The Equations which have \* are the equations which supports this paper claim Where the other are found for geometrical consistency... **3-3 The Discussion** 

# Group No. 1

# **Equation No.1**

# 25920 mkm = 86400 seconds x 0.3 mkm/sec = $452.57 \times (180/\pi)$

I wish Equation No.1 will help me to persuade the reader by my point of view..

The solar group is a subject needs help to perform progress for its understanding while the restrictions prevent any help...

Electromagnetic science is rich one, has experiments, mathematics, theories and many other ways to explain the science basic concepts...

But what we have to understand the solar group geometrical structure.... We have the direct observation.... Is this method sufficient?! I proved already that the wrong vision is one of the normal features we all experienced in our lives...

What else we have?! I suggest the planet data analysis

I wish the reader take a look and think deeply in the previous beautiful equation....! 25920 years is the <u>equinoxes cycle</u>

But

The light (0.3 mkm/second) passes 25920 million km during one day (86400 seconds) So we have a real distance = 25920 mkm

And

Mars displacement = 144 million km .... The circumference of this distance = 452.57 mkm Now

# 25920 mkm /(180/ $\pi$ ) = 452.57 mkm

The value 25920 mkm is **<u>unique one</u>** in the solar group And

(180/ $\pi$ ) is <u>a geometrical factor</u> (as the others 360- $\pi$ - 180 degrees- 90 degrees ...etc) By these 2 factors the value 452.57 mkm is produced... That means Mars displacement is found in the solar group main geometrical structure basics

Shortly.... What does that tell us?

Mars displacement 144 mkm is real value as much as the solar day value 86400 second and light velocity 0.3 million km/ second

# The conclusion:

Mars immigrated really from his original point in 84 mkm to his new one in 227.9 mkm, performed a displacement = 144 million km and we can use this value 144 mkm to prove if the solar planet motion trajectory is square...

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Equation No.2

# 452.57 mkm = 4 x 113.1 $(113.1 = (144/1.272727) = 27.3 (\pi+1))$

We know 452.57 mkm is the circumference of Mars displacement 144 mkm

452.57 mkm = 4 x 113.1 mkm (23.1 /23.45) = (365.25/360)

Earth axial tilt 23.45 on vertical level will be 23.45+90 = 113.45 degrees So the value 113.1 degrees is real value

We know that 1 mkm = 1 degree = 1 day (usually) 113.1 mkm = 113.1 degrees that tells the value (113.1 degrees is real value)

## 452.57 mkm = 4 x 113.1 mkm

What does this equation tells us? The value 452.57 is cycle of 4 parts as Earth cycle (365+365+365+366= 1461 days so the value 1461 days is a cycle of 4 parts) That means the data is divided into 4 parts....! why? Because it's a square

Now let's study the value 113.1

113.1 = (144/1.272727)

- 144 mkm is Mars Displacement
- The rate 1.272727 (4/ $\pi$ ) is the factor by which the square trajectory is seen as ellipse one...(according to my claim this rate 1.2727 and 127.27 we have seen frequently in the moon orbit geometrical structure in my previous paper)

So the equation "113.1 = (144/1.272727)" tells us that Mars displacement interacted with this rate 1.272727 ....which may support the claim that the trajectory is square but seen as ellipse...

# 2<sup>nd</sup> Part 113.1 = 27.3 Moon Orbital Period (π+1))

The equation tells us that, The relationship between Mars and the Moon has more depth than what we considered before...

The planets data are created to be suitable for Mars immigration event and to be with the moon orbit data... that tells us there was another vision before Mars immigration... which may support this paper claim.

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### Equation No.3

# **361** degrees = 452.57 mkm x 0.8 degrees (Uranus Orbital Inclination)

Equation No.3 is very important one...

First let's remember 1 mkm = 1 degree that because Mercury orbital circumference =360 mkm = 360 degrees and because the solar group is one body any planet can use this same rate...

### 361 degrees is Metonic Cycle degrees

(moon orbit regresses yearly 19 degrees where Metonic Cycle 19 years 19x19= 361)

452.57 mkm (the circumference of Mars displacement 144 mkm) will be = 452.57 degrees So Equation No. 3 tells us the following:

- Metonic Cycle is created based on Uranus Orbital Inclination
- Metonic Cycle is created based on Mars displacement (the circumference)

That tells us why Metonic Cycle is created basically..! but also this can explain the strong relationship between Mars and the Moon...(also there's strong relationship between Mars and Uranus)

# Equation No.4

2 x 2844mkm = 144 mkm x  $(2\pi)^2$  (where 2872.5mkm x 0.99 = 2844) Where

- 1- (2872.5 mkm = Uranus orbital distance)
- 2-  $(2\pi)^2$  The main factor in the solar group (this rate is discussed in this paper end point)
- 3- The rate 0.99 or 99% is found frequently in solar group data, I have no explanation for it but I think that at least 50% of all planets data have a mate data = 99% of it.

Equation No. 4 tells us that, Mars displacement depends on Uranus orbital distance, that tells us Mars displacement is defined by help from Uranus...

Shortly Uranus almost effect on Mars displacement by producing Metonic Cycle.. where Metonic Cycle is Energy produced by light travel from Jupiter to Uranus as we have discussed in my previous paper...

Solar Planet Motion Trajectory Is A Square (Proves) <u>http://vixra.org/abs/1811.0147</u>

# Equation No.5

# 346.6 days = 144 x 2.41 but 30589 days 88 days x 346.6 +88

Where

346.6 days = Nodal year

30589 days = Uranus orbital period

88 days = Mercury orbital period

144 mkm = Mars immigration

2.41 mkm = The moon orbital circumference

We know that 1 mkm = 1 degree = 1 day

Equation No.5 tells us that

Uranus orbital period depends on Mercury orbital period and nodal year periods But this dependency is produced by Mars immigration with help of the moon orbit... Equation no.5 supports that, there's a close relationship between Uranus and Mercury and this relationship is found inside the moon orbit- this point I have discussed in my previous paper "Solar Planet Motion Trajectory Is A Square (Proves)" <u>http://vixra.org/abs/1811.0147</u>

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### Group No. 2

### Equation No.6

## 227.9 mkm (Mars Orbital Distance) x 4 x $\pi$ = 2872.5 mkm (Uranus Orbital Distance)

Equation No.6 tells clearly my claim...

Mars orbital period is 1/4 of Uranus orbital period (1/4 for square trajectory) but the value  $\pi$  is found because the square trajectory is seen as ellipse...

I don't know the geometrical mechanism by which the moon orbit covers the square trajectory with the ellipse but the data tells this is true...

### Equation No.7

153 mkm Earth Orbital Distance – 84 mkm Mars original point = 69 mkm<sup>\*</sup> (but **69 x 4= 276 mkm** = 7 degree Mercury orbital inclination  $x(2\pi)^2$ ) Where  $(2\pi)^2$  is The main factor in the solar group We know 1 mkm = 1 degree = 1 day (153 mkm Earth orbital distance before mars immigration) The Equation tells there's a square (4 x 69)

### Equation No.8

# 100 $\pi$ = 4 x 78.3 mkm (Earth Mars distance i.e. 227.9-149.6 = 78.3)

### Equation No 8 tells us that

If Earth Mars distance multiplies with 4 (because of square) will produce 100  $\pi$  (because of the ellipse)...

Still the geometrical mechanism isn't clear but the data supports the claim strongly..

### Equation No.9

### 108.2 Venus orbital distance - 84 mkm Mars original point = 24.25 mkm\*

(but 24.25 mkm x 4 = 97 mkm where 97.8 deg. Uranus axial tilt -0.8 deg. Uranus orbital inclination = 97 degrees and we know that 1 degree = 41 mkm )

Equation no. 9 tells that, Mars in his original point had a relationship with Uranus depends on Venus .... In fact Mars Venus relationship is continuous after Mars immigration to be very strong relationship in the solar group geometry...

### **Equation No.11**

627 mkm Earth Jupiter distance = 144 mkm Mars displacement x 4.37 mkm sun circumference..

### The Solar group main factor $(2\pi)^2$

### I- Data

a-  $(2\pi)^2$  x 3.1 degrees Jupiter axial tilt-= 122.5 degrees Pluto axial tilt

a-  $(2\pi)^2$  x 23.6 degrees (outer planets orbital inclination total) = 932 (932 mkm Earth Jupiter distance when they are at different sides from the sun)

b-  $(2\pi)^2 \ge 41.4$  mkm (Venus Earth distance) = 1622.7 mkm (Uranus Neptune Distance)

- c-  $(2\pi)^2$  x 149.6 mkm (Earth orbital distance) = 5870 mkm Pluto orbital distance
- d-  $(2\pi)^2$  x 227.9 mkm (Mars orbital distance) = 9004 mkm (Saturn orbital circumference)
- e-  $(2\pi)^2$  x 78.3 mkm (Earth Mars distance) = 3062 mkm (Saturn Neptune distance)

f-  $(2\pi)^2$  x 720.7 mkm (Mercury Jupiter distance) = Neptune orbital circumference (0.7%) we should discuss this data in another paper with many others....

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### Author other papers Solar Planet Motion Trajectory Is A Square (Proves) http://vixra.org/abs/1811.0147

Solar Planet Motion Trajectory Is A Square And Not An Ellipse <u>http://vixra.org/abs/1811.0135</u>

Solar Planets Motions Trajectory is A Pyramid or A Cone? (Part II) <u>http://vixra.org/abs/1811.0096</u>

Solar Planets Motions Trajectory is a Pyramid (Part i) <u>http://vixra.org/abs/1811.0076</u>

The Solar Group Geometrical Structure is A Pyramid (Revised) http://vixra.org/abs/1811.0060

Earth Axial Tilt http://vixra.org/abs/1811.0013

Kepler 3rd Law Explanation (Part No.2) (To Support my Claim Against Nobel Prize Board Decision in Physics 2018) http://vixra.org/abs/1810.0485

The Observer Effect On The Observation Results (Space = Energy=mc2) <u>http://vixra.org/abs/1810.0343</u>

Definition of Space (Revised) http://vixra.org/abs/1810.0307

Does The Moon move by Gravity? http://vixra.org/abs/1810.0089

Kepler 3rd Law Explanation (a Claim Against Nobel Prize Board Decision in Physics 2018 <u>http://vixra.org/abs/1810.0053</u>

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# All papers

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