

Solar System General Principle
Solar System Geometry (Summarized Discussion Part 4)
Gerges Francis Tawdrous

2nd Course Student – Physics Department - Physics & Math Faculty –
Peoples' Friendship University – Moscow – Russia -2010-2013
TEL +201022532292 mrwaheid@gmail.com / georgytawdrous@yandex.ru
The Assumption Of S. Virgin Mary -Written in Cairo – Egypt – 6th August 2019

Abstract

Solar System General Principle

**Solar Group Geometrical Structure Depends On Energy Of Light
Motion For 1 Second Period**

Paper Hypotheses

Hypothesis No.1

Solar group geometrical structure depends on energy of light motion for 1 second period

Hypothesis No.2

1 second period of light motion causes the planet to move for a solar day period

Hypotheses Explanation

- The whole solar group depends on energy = light beam motion for 1 second only – that means – planets masses, diameters, orbital distances and all other data all of them are created depending the energy of 1 second motion done by light beam
- Light motion for one 1 second period provides energy enough to move the planet for a period = 1 solar day

i.e.

- The Solar Group Building Unit Depends On The Solar Day Period

This paper tries to prove this fact

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>
Twitter <https://twitter.com/TawdrousF>
Facebook <https://www.facebook.com/gergis.tawadrous>
Academia <https://rudn.academia.edu/GergesTawadrous>
All my papers http://vixra.org/author/gerges_francis_tawdrous

1- Introduction

- The solar group building depends on energy of 1 second of light motion – this 1 second motion of light will be seen on the planet as a motion continuous for 1 complete solar day
- That means the solar group building unit is the second for the light beam motion.
- The hypothesis tells us that 1 second of light motion = 1 day of planet motion

So

- Based on any planet motion for one day the solar group is created?
 - Solar group is consisted of 9 planets – let's use their diameters as example- solar planets diameters total = 2 Jupiter diameters + 1 Saturn diameter = 406000km
 - What planet moves daily 406000 km ? Pluto
 - So 1 second motion of light beam is seen in Pluto motion in one complete solar day
 - And based on Pluto motion for 1 solar day the solar group is created! Can that be possible?
 - Of course yes for 2 reasons
- (1) because Jupiter sends its energy to Pluto – where this energy is the solar group main energy – and from this energy Neptune orbital circumference is created and the rest of energy Neptune reflected to the inner planets as we have discussed before and we'll review the details of this process in this paper.
 - (2) Also because 86400 mkm (solar group main energy) = $(71)^2 \times 17.2 \text{ mkm}$ and we know that $17.2 \text{ mkm} = 17.2 \text{ degrees}$ where Pluto orbital inclination = 17.2 degrees – (71 is the length contraction effect rate As we have discussed) that means the energy is concentrated in Pluto Orbital Inclination (means Energy is concentrated in Pluto data)

That makes the conclusion somehow correct – in fact – based on Pluto motion for 1 solar day the solar group is created

We will prove that in point no. 4 of this paper –

But now we need to know the light beam....!

We have supposed that the motion is done in double (light motion with planet motion)

Now the planet is Pluto moves for one solar day – we need to know the light beam who moves for 1 second

I have supposed Jupiter energy is in light beam form its velocity = 1.16 mkm/sec

So

The light travels 1.16 million during 1 second

And

Pluto moves 0.406 mkm during 1 solar day

And the rate

$$A = (1.16 / 0.406) = 2.85714$$

Based on this rate the solar group is created ...let's try to prove that in following

IN THE ALMIGHTY GOD NAME
Through the Mother of God mediation

I do this research

2- Methodology

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 ²⁴ 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 ³)	5427	5243	5514	3340	3933	1326	687	1271	1638	2095
<u>Gravity</u> (m/s ²)	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 ⁶ 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 ⁶ 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 ⁶ 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>

The previous table is Nasa Planetary Fact Sheet – Metric – it's the only source I use for Solar Planets Data (<https://nssdc.gsfc.nasa.gov/planetary/factsheet/>)

1. I analyze Solar Planets Data to reach the geometrical rules on which this data is created – for example – If we have a right triangle its dimensions 3,4 and 5, can we use these dimensions to conclude the Pythagoras rule? Yes we can – similar to that I analyze the planets data to reach their geometrical rules

2. I depend on **Data Direction**

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

This equation is hard to explain – but what's the basic idea here? There's a dependency between these 4 planets axial tilts... this conclusion is the Data Direction

3. I suppose there's one Equation only controls all solar planets data – that means – the previous table is controlled by one Equation only...(my Basic Hypothesis)

To explain this hypothesis I provide the following solar system alternative description – which is a part of my methodology...

Solar System alternative Description

1- **The solar group is one trajectory of Energy and each planet is a point on this same trajectory**

i.e.

2- **The Solar Group is One Building** and each planet is a part of this same building-

3- Also the solar group is similar to a train and each planet is a carriage of it.

4- Also the solar group can be similar to one body, and each planet is a member in it

5- Also the solar group can be similar to one machine and each planet is a gear in it

means

6- When a planet moves –it doesn't mean this planet moves individually and independently from the other planets- NOT TRUE – The Planet moves with all other planets together as a train moves with all carriages –

Description Basic Concept

Planets Cooperation And Integration Is The Reason Of Their Existence And Motions.

How to understand that?

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

So the matter and space both are created from the same energy.. Based on that the solar group can be one trajectory of Energy

Can that be possible?

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

Different forms for same content, i.e. it's possible to create matter & space of energy

Another Example

In double slit experiment (Young Experiment) – the light coherence produced bright and dark fringes –regardless the experiment explanation – the experiment tells "when one input is used (light)– the outputs 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 complementary to 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 shows the solar planets dependency.

3- Solar Group General Energy (Revision)

Data

(Equation No. A)

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

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

We have discussed this data before – the basic concept in our discussion is - **Space Is Energy** – means Distance = Energy – i.e. **Distance Between Pluto & Jupiter Is Energy...**

This concept is so useful because the distances equality is our guide to know if the energy is transported from any point to another...(Why the Equations use π ? I still search behind this question)

Why The Previous Data Provide A Proof?

Because (1) The Planets Real Distances Are Sufficient For The Description

(2) The Energy motion uses the same equation form (Equations I and II)

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 = **1.16mkm x 86400 sec x 2 = 100224 mkm x 2**
- The value **100224 mkm x 2** is the solar group main energy (Distance = Energy)

Then

- Neptune used 16% from this 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 **1st Trajectory is sent to Mercury alone (86400 mkm)**
 - o **2nd Trajectory is sent to Earth & Venus (86400 mkm)**

Now – based on the previous story – what conclusion we may reach?

If (1) Distance = Energy (2) Jupiter sent the main energy

(3) Neptune reflected this main energy

So – Jupiter & Neptune Orbital distances (or circumferences) control the inner planets orbital and internal distances... can that be true?! Let's try to answer..

Jupiter and Neptune orbital distances control the inner planets distances

I-Data

Group (I)

Neptune Orbital Distance 4495.1mkm =

= Earth Venus distance 41.4 x Venus orbital distance 108.2

= Mercury Orbital Distance 57.9 x Earth Mars distance 78.3

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

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.

I wish we have more confidence in our argument...

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

(Part 2)

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)

1- (Earth and Jupiter are at 2 sides from the sun i.e. 940mkm=778.6mkm+149.6mkm)

2- (Data Part 2 tells that the inner 3 planets define their orbital circumferences relative to their distances to Jupiter – which supports our claim)

3- Mercury moves during his day period (= 2 orbital period) a distance =Mercury Jupiter Distance

(Part 3)

$$1. \frac{778.6\text{mkm Juppiter Orbital Distance}}{720.3\text{ mkm Jupiter Mercury distance}} = 1.0725 \quad (0.7\%)$$

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

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

Conclusion

Inner planets orbital and internal distances are created relative to Jupiter and Neptune orbital circumferences... which supports our argument.. Please review

Why Jupiter Diameter =142984 km? (1) <http://vixra.org/abs/1907.0137>

4- Solar System General Principle Proves

4-1 Data

4-2 Discussion

4-1 Data

Group No. 1

Light travels in 1 second a distance = 1.16 mkm

Pluto moves during a day a distance = 0.406mkm

$$A = (1.16 / 0.406) = 2.85714$$

$$1- A \times \pi^2 = 28.22$$

$$2- A \times (23.4)^2 = 778.6 \times 2$$

$$3- A \times 97.8 = 279.4$$

$$4- A \times 41 = 118.3 \times 0.99$$

$$5- A \times 115.2 = 329.14$$

Group No. 2

A- Pluto Velocity Daily = 0.406 mkm = Earth Moon distance (apogee radius) = Earth Velocity Daily / 2π

B- $511.1 = 0.406 \times 1259$ but $1259.3 = 179.9 \times 7$

C- Jupiter orbital diameter $1556.4 \text{ mkm} \times 0.406 \text{ mkm/daily} = 632 \text{ mkm}$ ($632 \times 0.99 = 627 \text{ mkm}$)

4-2-Discussion

Group No. 1

Equation No. 1

$$A \times \pi^2 = 28.22 \quad (28.3)$$

28.3 Degrees – Neptune Axial Tilt which is the master axial tilt among solar planets

Let's remember its equation in following:

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

How to explain this equation? Let's try to do that in following:

(I claim the rate 1.0725 is found as lorentz length contraction rate)

- Neptune Axial Tilt 28.3 degrees is the master value in this equation because Neptune reflected Jupiter energy toward the solar inner planets
- Neptune Axial Tilt 28.3 degrees will be contracted with the rate 1.0725 to produce 26.7 degrees (Saturn Axial Tilt) (and that may explain why Neptune orbital distance = Saturn Orbital Distance $\times \pi$)

Then

- Saturn Axial Tilt 26.7 degrees will be contracted by the same rate (1.0725) to produce 25.2 degrees (Mars Axial Tilt) (that may explain Why Mars orbital circumference = Saturn orbital distance)

Then

- Mars Axial Tilt 25.2 degrees will be contracted (1.0725) to produce 23.4 degrees (Earth Axial Tilt) (that explain Why Earth Orbital Distance = Earth Mars Distance \times Mars Orbital Inclination)

For Relativistic Effects Discussion Please Review

A Summary Of My Research -Part 3- (Relativistic Effects Discussion)

<http://vixra.org/abs/1907.0523>

Please Note

The Sun Diameter = π^2 \times Jupiter Diameter

Saturn Diameter = π^2 \times Venus Diameter

3600 = π^2 \times 365.25

That tells π^2 is using for a geometrical reason- and Equation No. 1 also is used for geometrical reason..

Equation No. 2

$$A \times (23.4)^2 = 1557.2$$

Where

23.45 degrees = Earth Axial Tilt

1557.2 mkm = Jupiter Orbital Diameter

What does Equation No. 2 tell us?

The rate (A) defines the relationship between Earth Axial Tilt and Jupiter orbital diameter...

Why these players are effective and important?

Because

(1) Jupiter Energy is the solar group main energy – and "**Distance = Energy**" as we have supposed and discussed – that means Jupiter orbital diameter and circumference is the main value to express the energy in the solar group

That means this equation is related to the sun herself even if no any sun data is found here – but because the solar group main energy is shown in Jupiter orbital diameter

(2) What is the relationship between the sun or the solar group main energy with Earth axial tilt? Why Earth axial tilt is related to the solar group main energy?

There are 3 reasons to answer this question....let's write them here

(1st Reason)

Because the sun circles Earth during 365.25 days giving Earth the same face always- now if Earth moves relative to her axis that means the sun circles Earth relative to Earth Axis.... Earth axial tilt isn't strange from the sun data – the deep relationship between Earth and Sun makes Earth axial tilt effects on the sun data...!

That's supported in fact strongly and crucially....because of the next reason

(2nd Reason)

We have discussed that the sun rate of time is different from Earth one – where one day on the sun = one year on Earth This hypothesis I have discussed in previous papers –let's remember ... how the rate of time can be changed? By relativistic effects – and I claimed that the sun depends on relativistic effects of $v_2=0.9999c$ that's why Earth registered velocity $=0.0001c$ to perform $0.0001c + 0.9999c = c$ velocity

So $v_2 = 0.9999c$ produces lorentz length contraction rate $=71$

Means 71 mkm will be contracted to be 1 mkm

And we have discussed that the time and distance values are equivalent in higher velocity – means – 71 days will be contracted to 1 day

Because of the Earth moon orbital inclination 5.1 degrees this value 71 days will be $71 \times 5.1 = 365.25$ days and this value 365.25 days will be contracted to 1 day only

Means 365.25 days on Earth = 1 day on the sun...(because the velocity is produced by planets velocities total so no any planet will feel this velocity because it's the total relative to the sun)

Equation No. 3

$$A \times 97.8 = 279.4$$

Where

97.8 degrees = Uranus axial tilt

278.4 degrees = outer planets axial tilts total

(278.4 degrees / 279.4 degrees) – error 0.3%

We may consider both values are equal (just for now)

What does Equation No.3 tell us?

97.8 degrees = Uranus axial tilt This is very important data for Pluto because

122.5 degrees Pluto axial tilt x 0.8 degrees Uranus orbital inclination = 97.8 degrees²
i.e.

122.5 degrees (Pluto axial tilt) is almost produced based on Uranus Data

Now the rate A considering Pluto Data

What conclusion we can reach here?

The outer planets axial tilts are produced almost depend on a relationship between Uranus and Pluto-

We should remember the additional energy....

86400 mkm (main energy sent from Jupiter to Pluto) + 3600 mkm (additional energy sent from Jupiter to Uranus) – now Uranus and Pluto get interaction together to unify these energy parts – producing the final one =90000 mkm

That's why Uranus and Pluto Relationship is so important one

Because based on this relationship the final total energy will be produced

That's why the equation define the outer planet axial tilts –because of the unified energy

More Data

346.6 degrees x 0.8032= 278.4 degrees

We know 346.6 days = nodal year and 0.8 degrees = Uranus orbital inclination

278.4 degrees = outer planets axial tilts total

What this equation tell us? Uranus effect is seen in Earth moon regression – through the outer planets axial tilts (278.4 degrees) – what does that mean? Uranus effect is seen on the Earth Moon motion We know that!

1.8 degrees (Neptune orbital inclination)x 0.8 degrees (Uranus orbital inclination)=1.44 degrees (Earth moon orbit regression monthly)

Equation 3 tells – the rate (A) defines the outer planets axial tilts relative to Uranus axial tilt through Uranus effect on the moon orbit
(Uranus effect include Neptune effect also)

Equation No. 4

$$A \times 41 = 118.3 \times 0.99$$

Where

41 degrees = inner planets orbital inclinations total

118.3 degrees = 90 degrees + 28.3 degrees (Neptune axial tilt)

Equation No. 4 is almost clear

28.3 degrees = Neptune axial tilt is the master value among planets axial tilt and this value is produced by the rate (A) effect relative to solar planets orbital inclinations total at one side and the rate 0.99 at the other side

The equations tells us that

The rate (A) controls almost the solar group basic data

Equation No. 5

$$A \times 114.66 = 327.6$$

Where

$$115.2 \text{ degrees} = 90 \text{ degrees} + 25.2 \text{ degrees (Mars axial tilt)}$$

$$327.6 \text{ days} = \text{Lunar sidereal year}$$

$$(115.2/114.66) \text{ error} = 0.4\%$$

What's the value 114.66? imagine 24.6 hours (Mars rotation period) became degrees so $24.6 + 90 = 114.6$ degrees...

Means the previous equation not sure it uses Mars axial tilt 25.2 degrees

May it use Mars rotation period (24.6 hours) in degrees form...

327.6 days = lunar sidereal year...

The equation tells that – Mars rotation period is related to lunar sidereal year! can that be real??

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

$$(25.2 \text{ degrees} = \text{Mars axial tilt})$$

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

$$(1.9 \text{ degrees} = \text{Mars orbital inclination})$$

Is there a relationship between Mars orbital period on one side and Earth & Moon motions on the other side? The data tells yes clearly...!

Please take care...

Earth and Moon are specific planets in the solar group! Why?

Because by their motions they create the sun rate of time (1/365.25)- So the motion of Earth, Moon and Moon orbit provides the most important job in the solar group

How Mars can have this specific relationship with both Earth and Moon together?

Because Mars effects (also) on the sun creation!

How that can be possible?

There are 2 reasons

1- Because Mars is in the distance 627 mkm (Earth Jupiter Distance) based on whose energy the sun is created

2- Mars motion harmony with the earth and Moon motion – basically based on Mars Axial Tilt

(25.2 degrees Mars axial tilt = 1.9 degrees Mars orbital inclination x 13.18 degrees the moon daily motion degrees)

These 2 reasons cause Mars effect on the sun creation process and based on this effect Mars table is produced

Mars Axial Tilt

$$P^2 * 25 = d^3 \text{ (Kepler 3}^{\text{rd}} \text{ Law)}$$

- P : The Planet orbital period
- d : The Planet orbital distance
- **25.2 degrees : Mars Axial Tilt**

The results are shown in the following table

Table No.1				
Planet	P^2	* 25	= d^3	Error
Mercury	$(88)^2$	*25	$(57.9)^3$	0.2%
Venus	$(224.7)^2$	*25	$(108.2)^3$	0.3%
Earth	$(366)^2$	*25	$(149.6)^3$	0
Mars	$(687)^2$	*25	$(227.9)^3$	0.3%
Jupiter	$(4331)^2$	*25	$(778.6)^3$	1.4%
Saturn	$(10474)^2$	*25	$(1433.5)^3$	1%
Uranus	$(30589)^2$	*25	$(2872.5)^3$	1.3%
Neptune	$(59800)^2$	*25	$(4495.1)^3$	1.5%
Pluto	$(90588)^2$	*25	$(5870)^3$	1.4%

Comment

In kepler table – the constant =25 also as in our last equation $(90000/3600)=25$
I try to support the claim that "Mars is an effective player in the sun creation process"

Please Note

(1) Mars axial tilt is the constant in kepler law table shows a general effect which can be done only by the sun herself – as we have discussed before –

(2) the constant has no unit but Mars axial tilt =25.2 degrees – but we know that **the unit is relative** – for that reason the constant 25 = Mars axial tilt

The Unit Definition Is Relative

<http://vixra.org/abs/1906.0379>

Group No. 2

Equation No. B

$$511.1 = 0.406 \times 1259 \text{ but } 1259.3 = 179.9 \times 7$$

Where

511.1 degrees = solar planets axial tilts total

179.9 degrees = 177.4 degrees (Venus axial tilt) + 2.5 degrees (Saturn orbital inclination)

7 degrees = Mercury Orbital Inclination

0.406 mkm = Pluto velocity daily = 0.406 degrees

(We know... Mercury orbital Circumference = 360 mkm = 360 degrees – means
1mkm= 1 degrees ... and because the solar group is one machine – so this rate can be
used by any solar planet)

What does Equation B tell us?! the solar group axial tilts are built on three values
which are 177.4 -2.5 and 0.406 – Why?

Equation No. C

Jupiter orbital diameter $1556.4 \text{ mkm} \times 0.406 = 632 \text{ mkm}$ ($632 \times 0.99 = 627 \text{ mkm}$)

We know the distance 627 mkm is our main distance in the solar group in which concentrate the main energy...

What does Equation C tells us?

It tells during 1556.4 days Pluto moves a distance = $627 \text{ mkm} / 0.99$

Now

$1556.4 \text{ mkm} =$ Jupiter orbital diameter but it used here as a time period 1556.4 days

We face no problem with such using – because we have seen that the distance values frequently are used as time values...

Regardless any explanation – I have to follow the planets data-

I have suggested that- time and distance values be equivalent with higher velocity (as new relativistic effect) – it's my explanation- any way the solar system uses the distance values as time periods regardless any explanation...

For example

4.095 mkm (Mercury velocity daily) $\times 433.5 \text{ days} = 5870 \text{ mkm}$ (Pluto orbital distance)

And we know that $1433.5 \text{ mkm} =$ Saturn orbital distance

Where we use Mercury real velocity and the equation produces the real value of Pluto orbital distance – for myself – I can't suppose any pure coincidences here – I see the geometrical rules behind the used data clearly... following table can help us greatly

Table No.1 The Table uses 1433.5 mkm (Saturn orb. Distance) As 1433.5 Days	error
$-1433.5 \text{ days} \times$ Mercury velocity daily $4.095 \text{ mkm} = 5870 \text{ mkm}$ Pluto Orbital Distance	0
$-1433.5 \text{ days} \times$ Venus velocity daily $3.02 \text{ mkm} = 4329 \text{ mkm}$ Venus Neptune Distance	0
$-1433.5 \text{ days} \times$ Earth velocity daily $2.58 \text{ mkm} = 3699 \text{ mkm}$ Jupiter Neptune Distance	0
$-1433.5 \text{ days} \times$ Mars velocity daily $2.082 \text{ mkm} = 2984.5 \text{ mkm}$ Uranus Pluto Distance	0
$-1433.5 \text{ days} \times$ Jupiter velocity daily $1.1318 \text{ mkm} = 1622.4 \text{ mkm}$ Uranus Neptune Distance	0
$-1433.5 \text{ days} \times$ Saturn velocity daily $0.838 \text{ mkm} = 1201 \text{ mkm}$ Mars Saturn Distance	0.3%
$-1433.5 \text{ days} \times$ Uranus velocity daily $0.5875 \text{ mkm} = 842 \text{ mkm}$	
$-1433.5 \text{ days} \times$ Neptune velocity daily $0.4665 \text{ mkm} = 670 \text{ mkm}$ Venus Jupiter Distance	0
$-1433.5 \text{ days} \times$ Pluto velocity daily $0.406 \text{ mkm} = 582 \text{ mkm}$ Mercury Earth distance*2Π	1%

Also

4.095 mkm (Mercury velocity daily) $\times 58.66 \text{ days}$ (Mercury rotation period) $= 243 \text{ mkm}$ (Venus rotation period $= 243 \text{ days}$)

I have many similar equations as the previous – simply we can't just ignore the data because we don't understand it – we have to find a way to explain...

Special relativity can help here greatly $x = ct$ we know this equation... if $c = 1$ so $x = t$ so when $c = 1$ can be real? The planets data provides us a reason to create a situation in which $c = 1$ and based on that the time & distance values will be exchangeable and equivalent...

What does Equation C tells us?

It tells

The distance 627 mkm (Earth Jupiter distance) is created by a relationship between Jupiter and Pluto

This relationship is effected by the solar group geometrical structure that's why the equation uses the rate 0.99

Why the distance 627 mkm is important?

Because it's the distance in which the energy is concentrated greatly and based on this distance energy the sun rays will be produced

Now we can see the great importance behind

And based on that the equation

$$\text{The sun diameter} = \text{Jupiter Diameter} \times \pi^2$$

Becomes somehow understandable

More Data

To prove the distance using as a time period

1- Mercury Velocity Daily 4.095 Mkm x 1205 Days = 4900 M Km (Jupiter Orb. Circum)

(1205 mkm = Saturn Mars Distance)

2- Mercury Velocity Daily 4.095 Mkm x 1375 Days = 5642 M Km (Pluto Mars Distance)

(1375 mkm = Mercury Saturn Distance= Neptune Pluto Distance)

3- Mercury Velocity Daily 4.095 Mkm x 670 Days = 2723 M Km (Pluto Earth Distance)

(670 mkm = Venus Jupiter Distance)

4- Earth Velocity Daily 2.58 Mkm x 57.9 days = 149.6 mkm (Earth Orbital Distance)

57.9 mkm = Mercury Orbital Distance

5- Earth Velocity Daily 2.58 Mkm x 629 days = 1622.5 mkm (Uranus Neptune Distance)

629 mkm = Jupiter Earth Distance

6- Mercury Velocity Daily 4.095 Mkm x 57.9 Days = Venus Velocity Daily 3.02 mkm x 78.3 Days = Earth Velocity Daily 2.58 Mkm x 91.7 Days =

(57.9 mkm Mercury orb dis. 78.3 mkm Earth Mars dis. 91.7 mkm Mercury Earth dis.)

7- Venus Velocity Daily 3.02 Mkm x 365.25 days (Earth orbital Period) = $2\pi \times 175.97$ mkm

Mercury Day = 175.97 days

Please review

Time And Distance Equivalence (Proves)

<http://vixra.org/abs/1904.0125>

The Time Definition

<http://vixra.org/abs/1805.0523>

Solar Group Geometrical Structure

<http://vixra.org/abs/1805.0081>

5- Solar System General Principle Examples

In following we'll discuss examples in which light motion causes planet motion
Which can support greatly our claim

I-Data

Equation (a)

$$\begin{aligned} 86400 \text{ seconds} \times 0.3 \text{ mkm/sec (light known velocity)} &= 25920 \text{ mkm} \\ 17.75 \text{ mkm (solar planets velocities daily total)} \times 1461 \text{ days} &= 25920 \text{ mkm} \end{aligned}$$

Equation (b)

$$\begin{aligned} 2088 \text{ mkm} &= 0.3 \text{ mkm/sec (light known velocity)} \times 6939.75 \text{ seconds} \\ \text{Moon Metonic Cycle} &= 6939.75 \text{ days} \end{aligned}$$

Equation (c)

- Moon circumference $10921 \text{ mkm} \times 27.3 \text{ days} = 300000 \text{ km}$
- Moon circumference $10921 \text{ mkm} \times 86400 \text{ seconds} = 940 \text{ mkm}$ (Earth orbital circumference)

Equation (d)

$$90000 \text{ mkm} = c^2$$

II- Discussion

Equation (a)

$$\begin{aligned} 86400 \text{ seconds} \times 0.3 \text{ mkm/sec (light known velocity)} &= 25920 \text{ mkm} \\ 17.75 \text{ mkm (solar planets velocities daily total)} \times 1461 \text{ days} &= 25920 \text{ mkm} \end{aligned}$$

Light (0.3mkm/sec) during a solar day (86400 seconds) travel a distance =25920 mkm – this same distance is passed by all planets motions together during 1461 days – where we know 1461 days is Earth Cycle (365.25 + 365.25+ 365.25+366)
That supports this paper argument – that the planet follows the light motion but with a different rate of time – also this Equation supports Earth effect on the solar system geometry.

Equation (b)

$$\begin{aligned} 2088 \text{ mkm} &= 0.3 \text{ mkm/sec (light known velocity)} \times 6939.75 \text{ seconds} \\ \text{Moon Metonic Cycle} &= 6939.75 \text{ days} \end{aligned}$$

Light motion from Jupiter to Uranus causes Moon Cycle (Metonic Cycle)

1 second in light motion causes the moon to move 1 day – perfectly as the paper supposes..

Equation (c)

- Moon circumference 10921 mkm x 27.3 days = 300000 km
- Moon circumference 10921 mkm x 86400 seconds = 940 mkm (Earth orbital circumference)

Equation c supports clearly equation (b) explanation....let's summarize it in following

- Moon circumference 10921 mkm x 27.3 days = 300000 km

This equation tells that – if the moon rotates around axis once daily he will pass a distance = light motion of 1 second (light with known velocity 0.3mkm/sec)

- Moon circumference 10921 mkm x 86400 seconds = 940 mkm (Earth orbital circumference)

This equation tells that if Earth revolves around the sun in one day only – the moon circumference will equal a distance of 1 second of Earth Motion

We need another paper in this same subject – to form the general frames in the correct positions – but here in this paper I try only to prove that the planet motion followed a light motion with a different rate of time

Equation (d)

$$90000 \text{ mkm} = c^2 !!$$

$$c^2 = 0.09 \text{ mkm}^2/\text{sec}^2 \dots \text{suppose time} = 1 \text{ second only}$$

so

$$c^2 = 0.09 \text{ mkm}^2 \dots \text{that means } c^2 = 90000 \text{ mkm} \text{ and we know this equation}$$

(The distance 90000 mkm needs a breadth = 1 mkm to be 0.09 mkm^2)

So geometrically it's easy to prove that – $c^2 = 90000 \text{ mkm}$

Please review

The Time Definition

<http://vixra.org/abs/1805.0523>

Solar Group Geometrical Structure

<http://vixra.org/abs/1805.0081>

Definition of Space (Revised)

<http://vixra.org/abs/1810.0307>

Time And Distance Equivalence (Proves)

<http://vixra.org/abs/1904.0125>

Special Theory Of Relativity (Questions For Discussion)

<http://vixra.org/abs/1906.0008>

There's A Light Beam Travels With 1.16 mkm per sec (My Claim)

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

Why The Light Is The Universe Highest Velocity?

<http://vixra.org/abs/1801.0369>