

Research 1st hypothesis Discussion (II)

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Abstract

Hypothesis No.1

Solar System is One building (or one machine) and each planet is a part of this same building.

Paper Main Question

**Why Does Uranus Orbital Distance = Saturn Orbital Diameter?
(Why does Saturn orbital distance = Saturn Uranus distance?)**

Space Definition and Features

- Solar Planets are theater of puppets connecting by one trajectory of energy.
- Space is Energy and created as a result of light motion
- Uranus Orbital Distance is the solar system first distance created as a result of light motion for 1 second (1 second of light motion is equivalent to 1 solar day of planet motion – 3rd hypothesis)
- Saturn Orbital Distance is a defined distance by the solar system motion per a solar day
- Uranus and Saturn orbital distances are produced by one motion done in the same period of time by Earth Moon Effect.
- Earth Moon has no this great energy to effect on Saturn and Uranus orbital distances, but Earth Moon is the solar system general energy indicator and he defines where the energy will pass –that shows his effect secret.

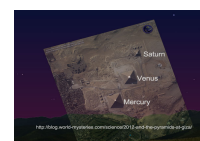
References

My Research hypotheses	http://vixra.org/abs/1909.0406
Research 1st hypothesis Discussion	http://vixra.org/abs/1909.0562
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The Assumption Of S. Virgin Mary.

Written in Cairo – Egypt

30th September 2019 (S. George)



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1-Introduction

We complete our discussion in the previous paper

Research 1st Hypothesis Discussion <http://vixra.org/abs/1909.0562>

1st Hypothesis tells that – Solar Group is one building (or one machine of gears) and each planet is a part of this same building – this is the main and oldest hypothesis in my research and I provide a short description for it with paper methodology

Any way – this hypothesis gives 2 extending points – the first is how the space prevents or allows the solar planets integration and unification- in this point we discuss Space Definition and Creation.

The second point is that – what the most simple proof for this claim?

If the solar system is one machine –the most near idea must be that – "This machine moves one motion" – One Unified Motion -

i.e.

Solar planets are carriages in one train and the train moves with all carriages together
Or

Solar Planets are puppets in the puppets theater and there's one great force (energy) causes all puppets to move together as one train

This idea is discussed in my research 2nd hypothesis –

Hypothesis No.2

Solar System moves as a train. i.e. A train moves with all its carriages together, similar to that – Solar Planets move together as one train one unified motion i.e. No Planet moves individually or independently from other planets motions (I call this idea "**The Train Motion Concept**")

i.e.

To prove research 1st hypothesis we have to review the 2nd hypothesis because it's the most simple method to prove the claim

That's why we review the 2nd hypothesis in Point no.3 of this paper before to start our discussion to define the space and discover how it's created.

Note Please

The abstract claim proves will be written in points No 4, 5 & 6

So

Hypothesis No. 2 Discussion is limited to point no. 3 as a short revision for its idea because it's a simple idea to prove the claim "**Solar System Is One Building**" but the hard discussion of Space Definition which show how the solar planets can be integrated and created one building together – this discussion will start in point no.4

IN THE ALMIGHTY GOD NAME
Through the Mother of God mediation

I do this research

2- Methodology(Methodology In Repeated In All My Papers)

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

<https://nssdc.gsfc.nasa.gov/planetary/factsheet/>

The previous table is Nasa Planetary Fact Sheet – Metric – it's the only source I use for Solar Planets Data

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**

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

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 – 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 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 System moves As A Train (2nd Hypothesis)

3-1 Research hypotheses (Short Revision)

3-2 "Train Motion Concept" Explanation

3-1 Research hypotheses (Short Revision)

Hypothesis No.1

Solar System is One building (or one machine) and each planet is a part of this same building.

Hypothesis No.2

Solar System moves as a train. i.e. A train moves with all its carriages together, similar to that – Solar Planets move together as one train in one unified motion i.e. No Planet moves individually or independently from other planets motions (I call this idea "The Train Motion Concept")

Hypothesis No.3

Planet motion for 1 solar day depends on energy of light motion for 1 second period – that means – Planet moves following light motion – i.e. – Planet motion shows double motions – (1st) Light Motion (2nd) Its Follower Planet Motion

Hypothesis No.4

Solar System Unified Motion depends On Solar Day Period

Hypothesis No.5

Matter Creation process depends on solar day period of time – that means – Matter creation process depends on the time as one of its main components

3-2 "The Train Motion Concept" Explanation

Hypothesis No.2

Solar System moves as a train. i.e. A train moves with all its carriages together, similar to that – Solar Planets move together as one train in one unified motion i.e. No Planet moves individually or independently from other planets motions (I call this idea "**The Train Motion Concept**")

Preface

We have discussed this hypothesis frequently before – it's an important and clear idea which can prove easily that – the solar system is one building and each planet is a part of it

My claim is clear

The current description tells that – each planet moves independently from others

My idea contradicts this concept

I suppose the solar planets are carriages in one train – the train moves and all carriages move together

Not necessary for all carriages to move by the same velocity – because – as in any machine of gears – the gears move by different velocities but only one motion is transported from gear to another which is considered the whole machine unified motion.

This idea doesn't contradict Kepler laws – because – for example - Kepler told that – each planet motion trajectory is an ellipse – it's correct – because the motion is one – the form is similar

Kepler all laws can be used by such way

Also

All planets revolve around the sun in the same direction – this fact supports the claim

Now

There's no proof that – each solar planet moves independently from others motions – but there are many features and data can prove strongly that solar planets motions almost are depending on each other which supports "The Train Motion Concept"

We have discussed many of this data before and there's no room for this discussion here – I will add just 2 proves in the next point (3-2) as examples for many others we have discussed in my previous paper – please review

Solar Planets Move Together In One Unified Motion

<http://vixra.org/abs/1909.0135>

(I) Earth & Moon Motions supports "The Train Motion Concept"

I-Data

1. Earth daily moves a distance = 2.58 mkm = 0.985 degrees to complete 360 degrees in 365.25 days... i.e. Earth during 29.53 days move **29.2 degrees**

And

2. The moon moves daily 2.58 mkm but the moon during the day moves 13.18 degrees to perform 360 degrees during 27.3 days

Means

- The moon during 29.53 days move a distance = 389.2 degrees
- 389.2 degrees – 360 degrees = **29.2 degrees**

Why 29.2 degrees is equal in both motions?

II- More Data

Metonic Cycle Period 6939.75 days = 19 x 365.25 days (Sidereal Days)
= 235 x 29.53 days (Lunar Synodic Month)
= 20 x 346.6 days (Nodal Year)

Saros Cycle Period 6585.321 days = 241 x 27.32 days (Lunar Sidereal Month)
= 19 x 346.6 days (Nodal Year)
= 223 x 29.53 days (Lunar Synodic Month)

Why motions of Earth, Moon and Moon orbit regression are in harmony as the data shows? Why these 3 cycles are in such harmony?

II-Discussion

The Data is clear before our eyes

We have 3 motions (Earth, moon and moon orbit regression)

And these three motions are in clear harmony as Metonic and Saros Cycles show

With some analysis – we see that – Earth Motion degrees correspond with Moon motion degrees

That tells simply

The motion formation process is in harmony and for that the motion cycles also be in harmony

Simply these 3 motions must be integrated to produce **One Motion** only

Conclusion

"Earth, Moon And Moon Orbit - These 3 Players Are Moving Depending On Each Other"

This conclusion supports clearly "The Train Motion Concept"

(II) Planet Velocity Analysis

I-Data

Group No. 1

Equation No. 1

$$\frac{\text{Venus Velocity } 35 \text{ km/s}}{\text{Earth Velocity } 29.8 \text{ km/s}} = \frac{\text{Moon Velocity } 27.9 \text{ km/s}}{\text{Mars Velocity } 24.1 \text{ km/s}} = \frac{\text{Neptune Velocity } 5.4 \text{ km/s}}{\text{PLuto Velocity } 4.7 \text{ km/s}} = 1.16$$

Equation No. 2

$$\frac{\text{Mercury Velocity } 47.4 \text{ km/s}}{\text{Venus Velocity } 35 \text{ km/s}} = \frac{\text{Mars Velocity } 24.1 \text{ km/s}}{\text{Ceres Velocity } 17.8 \text{ km/s}} = \frac{\text{Jupiter Velocity } 13.1 \text{ km/s}}{\text{Saturn Velocity } 9.7 \text{ km/s}} = 1.345$$

Equation No. 3

$$\frac{\text{Earth Velocity } 29.8 \text{ km/s}}{\text{Mars Velocity } 24.1 \text{ km/s}} = \frac{\text{Venus Velocity } 35 \text{ km/s}}{\text{Moon Velocity } 27.9 \text{ km/s}} = \frac{\text{Uranus Velocity } 6.8 \text{ km/s}}{\text{Neptune Velocity } 5.4 \text{ km/s}} = 1.254$$

Equation No.4

$$\frac{\text{Mercury Velocity } 47.4 \text{ km/s}}{\text{Jupiter Velocity } 13.1 \text{ km/s}} = \frac{\text{Venus Velocity } 35 \text{ km/s}}{\text{Saturn Velocity } 9.7 \text{ km/s}} = \frac{\text{Mars Velocity } 24.1 \text{ km/s}}{\text{Uranus Velocity } 6.8 \text{ km/s}} = 3.6$$

Note Please $(1.16)^2 = 1.345$ and $1.345 = 1.0725 \times 1.254$ (where 1.0725 we know clearly)

Group No. 2

No.5

$$\text{Mercury Velocity daily } 4.095 \text{ mkm} \times \text{Ceres Velocity Daily } 1.5434 \text{ mkm} = 2\pi \text{ mkm}^2$$

No.6

$$\text{Venus Velocity daily } 3.02 \text{ mkm} \times \text{Mars Velocity Daily } 2.082 \text{ mkm} = 2\pi \text{ mkm}^2$$

No.7

$$\text{Earth Velocity daily } 2.58 \text{ mkm} \times \text{Moon Velocity Daily } 2.082 \text{ mkm} = 2\pi \text{ mkm}^2$$

Group No. 3

No.8

$$\text{Mars Velocity Daily } 2.082 \text{ mkm} = 1/(\text{Neptune Velocity Daily } 0.4665 \text{ mkm})$$

No.9

$$\text{Moon Velocity Daily } 2.41 \text{ mkm} = 1/(\text{Pluto Velocity Daily } 0.406 \text{ mkm})$$

No.10

$$\text{Earth Velocity Daily } 2.58 \text{ mkm} = \text{Pluto Velocity Daily } 0.406 \text{ mkm} \times 2\pi$$

I-Discussion

We have discussed this data before frequently –

Planet velocity – based on the previous analysis – can't be created independently from other planets velocities – simply we deal with one machine and these planets are its gears –where the motion is transported from planet to another through the solar system

The data clearly supports "**The Train Motion Concept**"

For detailed discussion please review

Solar Planet Velocity Analysis (Revised) <http://vixra.org/abs/1909.0361>

Paper Claim Proves

Claim Revision

Why Does Uranus Orbital Distance = Saturn Orbital Diameter?

Space Definition and Features

- Solar Planets are theater puppets connecting by one trajectory of energy.
- Space is Energy and created as a result of light motion
- Uranus Orbital Distance is the solar system first distance created as a result of light motion for 1 second period (1 second of light motion is equivalent to 1 solar day of planet motion – 3rd hypothesis)
- Saturn Orbital Distance Is The Solar System Motion Distance Per Solar Day
- Uranus and Saturn orbital distances are produced by one motion done in the same period of time by Earth Moon Effect.
- Earth Moon has no this great energy to effect on Saturn and Uranus orbital distances, but Earth Moon is the solar system general energy indicator and he defines where the energy will pass –that shows his effect secret.
- Why the moon is the energy indicator? This question we should discuss in Moon Motion Discussion (Point no. 6)

The Proves

1st Proof –There's a strong relationship between Uranus, Saturn and Earth Moon – which supports the paper claim (Point No. 4)

2nd Proof – Earth Saturn Relationship shows a deep effect as similar to Earth Uranus relationship which supports the paper claim (Point No. 5)

3rd Proof – Moon motion shows the mechanism by which the moon effect on Uranus and Saturn Orbital Distances (Point No.6)

4th Proof – Earth Jupiter Distance supports the claim –there's a deep relationship between Saturn, Uranus and Earth Moon (Point No. 7)

1st Proof –There's a strong relationship between Uranus, Saturn and Earth Moon – which supports the paper claim

Please Note

The next point (4-Space Definition and Creation)

Is a complex discussion with many details

We discuss it for one reason only which is the following equation

$$\frac{51118 \text{ km (Uranus Diameter)}}{3475 \text{ km (Moon Diameter)}} = \frac{0.377 \text{ mkm (Saturn Circumference)} \times 2}{51118 \text{ km (Uranus Diameter)}} = \frac{4.37 \text{ mkm (the Sun Circumference)}}{0.3 \text{ mkm}} = 14.7$$

(Note Please/ the sun equation has error =1%)

This equation is the main discussion in the next point – but we have to discuss many other data to see clearly what this equation tells us

Why we discuss this equation?

Because it has the three players in our claim

Uranus Diameter – Saturn Diameter and Earth Moon Diameter

Our discussion is related to these 3 players – correct but – not to their diameters but to their orbital distances!

So how this equation can be useful for us??

Because there's a relationship between Planet Diameter and Orbital Distance

Please review

Planet Diameter & Orbital Distance Relationship (A Theoretical Analysis)

<http://vixra.org/abs/1908.0567>

4-Space Definition and Creation

4-1 Previous Paper Conclusion Revision

4-2 Space Main Equation $(90000\text{mkm} = 2872.5 \text{ mkm} \times \pi^3)$

4-1 Previous Paper Conclusion Revision

The previous paper argued that – if the solar system is one machine moves as one train with all carriages

So must be there's one velocity for this system motion

So

It supposed that Saturn orbital distance =1433.5 mkm is the required distance which the solar system (all solar planets together) have to pass per solar day (86400 seconds)

So the velocity = 1433.5 million km /86400 seconds = 16591.5 km /second

But

Solar planets velocities total per second =204 km /sec

i.e.

$16591.5 \text{ km} = 204 \text{ km} \times 81.3$

$511.1 \text{ degrees} = 2\pi \times 81.3 \text{ degrees}$ (where 511.1 degrees= Planets Axial Tilts Total)

Please Note

In Research 1st hypothesis Discussion (I) (<http://vixra.org/abs/1909.0562>) – I did a mistake and didn't write the rate 2π Please forgive my inadvertence

Conclusion

The supposed velocity =16591.5km/sec but the real velocity 204 km where the rate between both is $(511/2\pi)$ – then I have concluded that – the velocity 204 km/sec is created depending on the velocity 16591.5 km by help of Planets Axial Tilts Total

Based on that I have accepted the hypothesis as a fact –

But

This discussion was short because I wanted to prove the data direction and had to add more data to support it – so the theoretical discussion was short as possible – and even somehow unclear

In current paper – we need to see the theoretical reasoning of this process – simply – to see if the solar planets velocities total can be considered as one value only – and if this value can effect on the solar system geometrical structure

No clear start point more than the **Space Main Equation** which we have discussed shortly in that paper- but before let's see if the solar planets total velocities can work as one value – in short discussion – in next paper

(Note Please – in solar planets velocities total =204 km/sec – I added Earth Moon velocity = Earth Velocity- that because the moon has to move by velocity = Earth velocity otherwise they will be separated)

4-1-1 Planets Velocities Total

- Mercury Velocity =4.095 mkm per solar day
- Venus Velocity =3.02 mkm per solar day
- Earth Velocity =2.58 mkm per solar day
- Earth Moon Velocity =2.58 mkm per solar day
- Mars Velocity =2.082 mkm per solar day
- Jupiter Velocity =1.131 mkm per solar day
- Saturn Velocity =0.838 mkm per solar day
- Uranus Velocity =0.587 mkm per solar day
- Neptune Velocity = 0.466 mkm per solar day
- Pluto Velocity = 0.406 mkm per solar day

Solar Planets velocities total = **17.75** mkm per solar day

Light know velocity (0.3mkm/sec) passes during a solar day (86400 seconds) a distance = 25920 mkm

Solar planets velocities total per solar day 17.75 mkm x 1461 days =25920 mkm
i.e.

all distances are passed by solar planets during 1461 days = light motion distance during 1 solar day =25920 mkm

(1461 days = Earth 4 sidereal years Cycle =365 days+365 days +365 days +366 days)
So the solar planets move during a defined cycle of time this distance =25920 mkm
I find this is a proof that the value 17.75 mkm is a real value effective on the solar system geometry

I try to show that – the planets velocities total is NOT an imaginary idea – it's a working value in the solar system geometrical structure

The previous example is one only among many other we have discussed before – where no room to review them here – but this example is written only to make the idea more trustee and clear

Please review

Solar Planet Velocity Analysis (Revised)

<http://vixra.org/abs/1909.0361>

Solar Planet Velocity Analysis (Part 2)

<http://vixra.org/abs/1909.0389>

4-2 Space Main Equation

I-Data

$$90000 \text{ mkm} = \pi^3 \times 2872.5 \text{ mkm (Uranus Orbital Distance)}$$

II-Discussion

What's the idea behind this equation?

The space is created (firstly) as a distance =2872.5 mkm = Uranus Orbital Distance
This is the 1st created distance ...! Let's review the idea in following

(I)

Light known velocity 0.3mkm/sec travels during 1 second a distance =0.3mkm=C

$$\text{But } C^2 = (0.3\text{mkm/sec})^2 = 0.3^2/\text{sec}^2$$

$$\text{If time} = 1 \text{ second so } \text{sec}^2 = 1 \dots\dots\dots C^2 = \underline{90000 \text{ mkm}^2}$$

So we see a distance =90000 mkm but this value is equivalent to C^2

(Note Please/ 90000 mkm is a rectangle its length =90000 km, its breadth =1 mkm)

(II)

$$\pi^3 = (\text{Uranus Axial Tilt } 97.8 \text{ degrees} / \text{Jupiter Axial Tilt } 3.1 \text{ degrees})$$

So C^2 depending on π^3 produces Uranus Orbital Distance 2872.5 mkm – and because 90000mkm = C^2 for **1 SECOND** – because of that – Uranus orbital distance 2872.5 mkm = Space is produced for 1 second (from Light Motion Vision) (i.e. We don't see 90000 mkm but we see **Uranus Orbital Distance** 2872.5mkm because of both axial tilts effect = π^3)

(III)

But we know light motion for 1 second causes solar planets motion for 1 solar day (3rd Hypothesis)

That means**2872.5 mkm Is Produced Space For 1 Solar Day** (I)

But we know that

Saturn Orbital Distance Is The Required Distance To Be Passed By The Solar System **During One Solar Day** (II)

How to understand that??

We have one motion (solar system motion) during one specific period of time (solar day period) – and this motion produces 2 **Different Distances**!! How that?

There's an answer for this question – that – there's a gear found between these 2 distances – which causes to create one **Distance Depending On The Other**

Shortly

Earth Moon Motion uses Uranus Orbital Distance 2872.5 mkm and produces Saturn orbital distance 1433.5 mkm (or vice versa) where Earth Moon works as a gear between these 2 planets!!

Is it a sufficient answer?! How the moon can do this effect on 2 great planets at great distances?! But if someone thinks we swims in dreams – he may review the Cycle 2737 years in which Saturn himself (a great planet) follows Earth Moon Motion Trajectory and be perpendicular on Earth- which is an astronomical phenomenon (Proof)

Is the 2737 Phenomenon a real one? (II) <http://vixra.org/abs/1908.0583>

But the answer tells no explanation what's going here – we need to see the geometrical depth based on which these relationships were created and by what mechanism (to some extent) such great process can be done – let's discuss that in following...

4-2-1 Why Uranus Orbital Distance = 2 Saturn Orbital Distance?

I-Data

Group No.1

- Mercury Neptune Distance = **Saturn** Pluto Distance
- Mercury **Saturn** Distance = Neptune Pluto Distance
- **Saturn** Orbital Distance = **Saturn** Uranus Distance
= Mercury Orbital Circumference
= Saturn Uranus Distance
= Pluto Eccentricity Distance

More Data

- Mercury Jupiter Distance = Mars Orbital Distance x π
- Earth Neptune Distance = Mercury **Saturn** Distance x π
- Jupiter Uranus Distance = Venus Jupiter Distance x π
- Jupiter Pluto Distance = Uranus Neptune Distance x π
- Uranus Pluto Distance = Earth Orb. Circumference x π
- Neptune Orb. Distance = **Saturn** Orb. Distance x π
- Pluto Orbital Distance = Earth Orb. Circumference x π

Group No.2

- (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) 2 Jupiter Diameters + 1 Saturn Diameter = Solar Planets Diameters Total (No Error)
- (5) Saturn Diameter – Jupiter Radius = Neptune Diameter x 0.99 (No Error)

Group No.3

Mercury Day needs 5040 seconds = 84 minutes to be 176 solar days

During 5040 seconds

- Mercury moves a distance = 2 Saturn Diameter
- Mars moves a distance = Saturn Diameter
- Saturn moves a distance = Neptune Diameter x 0.99
- Pluto moves a distance = Pluto Diameter x π²

Group No.4

$$\frac{41.4 \text{ mkm (Earth Venus Dis)}}{0.406 \text{ mkm (PLuto Velcoity Daily)}} = \frac{5906 \text{ mkm (Pluto Orbital Dis)}}{57.9 \text{ mkm (Mercury Orbital Dis)}} = \frac{0.241 \text{ mkm (Satrun Diameter x 2)}}{2390 \text{ km (Pluto Diameter)}} = 101$$

$$\frac{51118 \text{ km (Uranus Diameter)}}{3475 \text{ km (Moon Diameter)}} = \frac{0.377 \text{ mkm (Saturn Circumference)x2}}{51118 \text{ km (Uranus Diameter)}} = \frac{4.37 \text{ mkm (the Sun Circumference)}}{0.3 \text{ mkm}} = 14.7$$

I-Discussion

It's just a simple question – Why Uranus orbital distance = 2 Saturn orbital distance?
Why to answer we need all this data?!

Data group No. 1

Data tells that the distances equality is not limited to Uranus and Saturn orbital distances but it contains many other distances – as we see –but – the great part of equal distances depend on Saturn Orbital Distance- Why??

Data group No. 2

Data tells that – all equations use double values – that means – the double value using is one of the solar system geometrical features

For example

(5)

Saturn Diameter – Jupiter Radius = Neptune Diameter x 0.99

The equation tells that

2 Saturn diameters should be used because Jupiter uses its radius and not diameter

That meansthe double using isn't created by any pure coincidence but based on geometrical reasons...

Data group No.3

(Mercury Day needs 5040 seconds =84 minutes to be 176 solar days)

Data tells us some complex puzzle –

Mercury moves a distance = 2 Saturn Diameters during 5040 seconds!! Why?

Pluto during 5040 seconds moves a distance = Pluto diameter x π^2

What geometrical role is done by this value π^2 ? The geometrical mechanism is still unclear – my hard job depends on the values using discovery

π^2 is used frequently in the solar group –

For example

The sun diameter = Jupiter diameter x π^2

Saturn Diameter = Venus diameter x π^2

These 2 equations are important because – as we see in group no.2 –that

Solar planets diameters total = 2 Jupiter diameters +1 Saturn diameter

What we understood from these 3 groups of Data? Why we need them here?

Conclusion

The solar system is created based on a geometrical mechanism – this mechanism uses 2 B (double value of variable B) to produce 1A (one value of veritable A)

We know that from The Solar System Main Equation is created – we remember it

$$Z = 2x + 1y$$

Why Uranus Orbital distance = 2 Saturn orbital distance? Because both are used in this equation...

Group No. 4

This discussion aims basically to discuss the 2 equations of Group No. 4 –let's do it
(I)

$$\frac{41.4 \text{ mkm (Earth Venus Dis)}}{0.406 \text{ mkm (PLuto Velcoity Daily)}} = \frac{5906 \text{ mkm (Pluto Orbital Dis)}}{57.9 \text{ mkm (Mercury Orbital Dis)}} = \frac{0.241 \text{ mkm (Satrun Diameter x 2)}}{2390 \text{ km (Pluto Diameter)}} = 101$$

(II)

$$\frac{51118 \text{ km (Uranus Diameter)}}{3475 \text{ km (Moon Diameter)}} = \frac{0.377 \text{ mkm (Saturn Circumference) x 2}}{51118 \text{ km (Uranus Diameter)}} = \frac{4.37 \text{ mkm (the Sun Circumference)}}{0.3 \text{ mkm}} = 14.7$$

Equation (I)

0.241 mkm = 2 Saturn diameters = a distance passed by Mercury during 5040 seconds
2390 km = Pluto diameter = a distance passed by Pluto during 5040 seconds $/\pi^2$
(0.241 mkm/2390 km) = (5906 mkm Pluto orb. dis/57.9 Mercury orb. dis) = 101

What does this equation tell us?

Mercury motion during 5040 (s) divided by Pluto motion during 5040 (s) = a rate defines the distance between Pluto and Mercury

Why?

Why their motions during 5040 seconds – defines the distance between them?!

More Data

1.16 mkm/sec (light supposed velocity) x 5040 seconds = **5846.4 mkm** (Mercury Pluto Distance)

How to understand this equation??

The distance between Mercury and Pluto is defined by light motion

Mercury and Pluto data are created based on this fact– for that – their data shows the light motion effect on their orbital distances

It's another vision concerns the solar system

Solar planets are puppets theater – one trajectory of energy connects all of them together – and causes all of them to move together as carriages of one train – now planets velocities are different from each other because of their geometrical structure difference –

So light motion is a companion to planet motion

that makes the solar system geometry study more clear & more complex in the same time.

Conclusion

Mercury Pluto Distance depends on light motion during 5040 seconds – means – light motion is a companion to planet motion – Planet & Light move together but **with different rates of time** and because the light moves during 5040 seconds (Mercury data) a distance = Mercury Pluto distance – because of that – Mercury and Pluto motions during 5040 seconds shows their distance rate.

More Discussion

What does mean Different Rates of time?

5040 seconds – this period is used by light velocity to produce 5846.5 mkm (Mercury Pluto Distance)

What 's the other rate of time??

The period 5040 seconds can be used as 5040 minutes, 5040 hours or even 5040 days

The unit choice depends on the solar system geometrical necessities

Let's use one example only ...

Example

The value can be used as 5040 minutes – as in following

$$\begin{array}{lll} 5040 \text{ minutes} & \times 0.99 & = 4989.6 \text{ minutes} \\ 4989.6 \text{ minutes} & \times 60 & = 299376 \text{ seconds} \\ 299376 \text{ seconds} & \times 0.3 \text{mkm/sec} & = 89813 \text{ mkm} \\ 89813 \text{ mkm} - 86400 \text{ mkm} & & = \underline{\underline{3413 \text{ mkm}}} \end{array}$$

(i.e. Light passes a distance =89813 mkm during 4989.6 minutes-the reflected energy from Jupiter = 86400 km- so the difference =3413 mkm)

Now we know this Value **3413 mkm**

Where

3413 mkm = 360 mkm (Mercury Orbital Circumference) +680 mkm (Venus Orbital Circumference) +940 mkm (Earth Orbital Circumference) +1433.5 mkm (Mars Orbital Circumference)

i.e.

3413 mkm = Inner Planets Orbital Circumferences Total

If We add only 1433.5 mkm (Mars orbital circumference) (again) +3413 mkm = 4900 mkm (Jupiter orbital circumference)

Why? What geometrical mechanism behind these values? I still search – but the data tells that the value 5040 minutes is used as equal to the original one 5040 seconds

I wish to explain my idea as clear as possible

The solar system (solar group) is one building (one body) and each planet is a part of this same building- now these planets are connected to each other through the space to form one great machine (One Train) – and so the solar planets move together – the connection between the solar planets depends on the geometrical necessities which are created based on the integration concept...

Each planet is a complementary to another (as positron is complementary to electron and both of them together create a gamma rays 1.2 Mev)- so the connection can be changed from one planet to another according to each planet job in the solar system and also to Planet geometrical structure –

But the solar system is strong system and built based on deep geometrical necessities – for that reason – the connection between any 2 planets is a deep connection and strong relationship –

The basic difficulty is that – we don't know the geometrical rules on which the solar system is created – how the second period can be used as minute period? Also can Time & Distance Values be equivalent??

(Time And Distance Equivalence (Proves) <http://vixra.org/abs/1904.0125>)

So to explain clearly how these connections work we need to know all geometrical rules used in the solar system geometry –where the supposition that – we already know them – this supposition is almost disproved frequently in our discussions

Spite of that- I can explain how 1 solar day motion can be 1 second motion

1 Solar Day Motion Is Transformed Into 1 Second Motion:

Shortly

To understand correctly the solar system we have to define 3 expressions as clear as possible which are

- (1) What's the time?
- (2) What's the space and how to create it?
- (3) How the matter is created?

These 3 questions contain inside hundreds of puzzled question which we can't solve and have no source of knowledge to help us

What I'm doing here is that – I analyze Planets data as deep as possible to see what physical or geometrical concepts can create such data – based on this analysis – I show Data can be source of knowledge to discover solutions for these 3 questions and the hundreds puzzles related to them

Now before to start the 1 second and 1 solar day discussion in the next point we have to complete our Equation discussion

Let's see Equation no (II) in following

Equation (II)

$$\frac{51118 \text{ km (Uranus Diameter)}}{3475 \text{ km (Moon Diameter)}} = \frac{0.377 \text{ mkm (Saturn Circumference)} \times 2}{51118 \text{ km (Uranus Diameter)}} = \frac{4.37 \text{ mkm (the Sun Circumference)}}{0.3 \text{ mkm}} = 14.7$$

Please Note

The rate 14.7 is found abundance in the solar system Data
For example

$$\frac{\text{Uranus Mass}}{\text{Earth Mass}} = \frac{\text{Jupiter Radius}}{\text{Mercury Diameter}} = \frac{511.1 \text{ degrees (all planets axial tilts total)}}{17.4 \text{ degrees (inner planets orbital inclinations total)} \times 2} = 14.7$$

(Please not – the value **2** means we need 2 values of 17.4 degrees to produce the value 511.1 degrees which follow the solar system main equation **Z = 2X + 1 Y**)

Please remember – for this equation we have studied all the previous material
So

What does Equation (II) tell us?

We have 3 players in it which are Saturn circumference (double value) – Uranus diameter and Earth moon diameter – do we remember the claim?

Why Uranus orbital distance = 2 x Saturn orbital distance ??

Because Earth moon works as a gear between these 2 planets (Saturn and Uranus) and the moon as a gear transports the motion with 1/2 rate- So Saturn orbital distance = 1/2 Uranus orbital Distance - (this proves is done based on the moon own motion – will be discussed in Point no. 6) – so Uranus Orbital distance 2872.5 mkm will be transported by the moon to Saturn in half value only to be 1433.5 mkm – which causes Saturn Orbital Distance = Saturn Uranus Distance

So in this story the players are – **Uranus , Saturn and the moon –**

Also in Equation (II) these are the same players (Uranus – Saturn and Earth Moon)
The data supports the direction clearly

So we have some confidence that – the claim may be supported – and we should wait till discuss it clearly to see why and how the moon transports the motion based on it's rate of motion (1/2 half value)

But the equation still has a great secret – it's the sun equation

$$\text{(The Sun Circumference } 4.37 \text{ mkm} / 0.3 \text{ mkm)} = 14.7 \quad (1\%)$$

By the same rate the sun Circumference is related to light known velocity motion for 1 second.

I wish we see our orchestra plays the same song –

1 second for light motion (for 0.3mkm/sec and 1.16 mk/sec....)

1 solar day for planet motion (all solar planets)

But Why the sun circumference depends on light motion (0.3mkm/sec) for 1 second?
this question need to wait till we discuss the sun rays origin (Point no.7)

Please Note: **Mercury Pluto Relationship** –again – defines the previous data – supporting the deep relationship between both.

4 -2-2 How 1 second of light motion can cause planet motion for 1 solar day

To generalize our question We have to ask

Are there many rates of time in the solar system? YesWhy?

Because there are 3 types of velocities pass through the solar system which are:

- (1) Light velocity 1.16 mkm/sec (Supposed Velocity)
- (2) Light velocity 0.3 mkm/sec (Known Velocity)
- (3) Solar system velocity (16591.5 km/sec) (low velocity)

3 types of velocities create relativistic effects between each other which causes the different rates of time

Accordingly we have 3 rates of time which are:

- (1st) Solar Day = 86400 seconds
- (2nd) The Sun Day = 365.25 solar days
- (3rd) Light one Second = one Solar Day =86400 seconds

Let's try to prove that in following

(3rd) Light rate of time

Light one Second = one Solar Day =86400 seconds

How that can be possible? To answer we have to accept the following

(1)

Time and distance values can be equivalent in higher velocity – that depends on the equation $x = ct$ where c = light known velocity 0.3mkm/sec distance will be equivalent to time if $C=1$

we suppose that $C=1$

So we accept firstly that – the time and distance can be equivalent

Time And Distance Equivalence (Proves) <http://vixra.org/abs/1904.0125>

(2)

There are relativistic effects in the solar system

There are 2 relativistic velocities – which are

$v_1=0.99 c$ and produces lorentz length contraction effect with rates 7.1 (and 1.0725 with some complex geometrical process)...and

$v_2 = 0.9999 c$ and produces lorentz length contraction effect with rate = 71

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

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

Please Note

(A)

It's hard to discuss the data and details which prove these claims here (especially because we deal with a heavy discussion already) – Earth & Moon Data provides hundreds of proves for relativistic effects claim

For example

Earth moves during 27.3 days (Moon orbital period) a distance =71 million km (we may consider the moon orbit diameter =1 million km which show the value 71 mkm and its contracted value 1 mkm both are working in the solar system geometry)

(B)

The hard question is what's the relativistic effects geometrical role – for example – we know lorentz length contraction effect – and we consider that particle length can be contracted with higher velocity – but what effect this contraction can do on the geometrical structure- how the contracted length will contribute in the geometrical structure –

Imagine we have a cube – its diagonal diameter is contracted by length contraction effect – so it becomes shorter than the diagonal diameter – but if it becomes equal to the cube side – can it work in the new case as a side of the cube (a side of square) –

I wish I explain my idea clearly... because the length contraction causes change for the dimensions- but these dimensions before the contraction consist a geometrical structure – so what's happening for this geometrical structure (a cube – a square – a triangle ..etc) after the contraction? what changes are done for this structure resulting of the length contraction effect? That because the solar system is one machine and includes relativistic effects - means the relativistic effects don't cause the geometrical structure destruction but some changes only by which the system can still survive

Based on this vision

The solar system provides us a great treasure to extend Special Theory of relativity Still the argument creditability needs more discussion- because what proves my claim that – there are relativistic effects in the solar system? Based on what proves I have provided this claim?

I claim that – we can't observe the velocity by which these relativistic effects are created – instead we can conclude its effects by analyze the planets data ...

For example

I have found many distances (around 50% of all solar system orbital and internal distances)- these distances are rated with each other with the same rate (1.0725) –and I had no explanation why this rate is used so widely? also it's clear that this rate using can't be specific using because it's used for huge number of distances! So it much be a general effect- from where we can find this number 1.0725 with general effect

$V_1=0.99c$ can create relativistic effects with rate =7.1So

$(7.1/100)+1 = 1.071$ this equation almost provides a solution- so the rate 1.0725 is found by relativistic effect which isn't used directly but by a complex geometrical structure which causes the equation $(7.1/100)+1 = 1.071$

Let's see these distances here to support (shortly) my point of view

I – Data (Distances)

- | | | |
|----|---|---------------|
| 1. | $\frac{\text{Earth Daily Motion } 2.58 \text{ mkm}}{\text{Moon Orbital Circumference } 2.41 \text{ mkm}} = 1.0725$ | (No Error) |
| 2. | $\frac{\text{Apogee orbital radius } (406000 \text{ km})}{\text{Total Solar Eclipse radius } (378500 \text{ km})} = 1.0725$ | (No Error) |
| 3. | $\frac{778.6 \text{ mkm Jupiter Orbital Distance}}{720.3 \text{ mkm Jupiter Mercury distance}} = 1.0725$ | (0.7%) |
| 4. | $\frac{720.3 \text{ mkm Jupiter Mercury distance}}{670 \text{ mkm Jupiter Venus Distance}} = 1.0725$ | (No Error) |
| 5. | $\frac{670 \text{ mkm Jupiter Venus Distance}}{629 \text{ mkm Jupiter Earth Distance}} = 1.0725$ | (0.6%) |
| 6. | $\frac{\text{Saturn Orbital Distance } (1433.5 \text{ mkm})}{\text{Sarun Venus Distance } (1325.3 \text{ mkm})} = 1.0725$ | (Error 0.8%) |
| 7. | $\frac{\text{Saturn Earth Distance } (1284 \text{ mkm})}{\text{Sarun Mars Distance } (1205.6 \text{ mkm})} = 1.0725$ | (Error 0.7%) |
| 8. | $\frac{\text{Uranus Orbital Distance } (2872.5 \text{ mkm})}{\text{Uranus Mars Distance } (2644 \text{ mkm})} = 1.0725$ | (Error 0.7%) |
| 9. | $\frac{\text{Jupiter Orbital Circumference } (4894 \text{ mkm})}{\text{Neptune Orbital Distance } (4495.1 \text{ mkm})} = 1.0725$ | (Error 1.5 %) |

II- More Data

We have seen this rate also in planets axial tilts in this paper methodology

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

Now the previous equation supports the same data direction – this equation we have discussed frequently before – let's summarize its idea –

Neptune axial tilt (28.3 deg) is the main value in this equation because Neptune reflects Jupiter energy toward the inner planets – and the value 28.3 degrees (=28.3mkm) is contracted by 1.0725 to produce 26.7 degrees (=26.7 mkm) = Saturn axial tilt – that may explain why Neptune orbital distance = Saturn orbital distance x π

26.7 degrees (=26.7mkm)= (Saturn axial tilt) is contracted also by 1.0725 (general effect) to produce 25.2 degrees (25.2 mkm)= Mars axial tilt – that may explain why Mars orbital circumference = Saturn orbital distance – then 25.2 degrees will be contracted by 1.0725 (general effect) to produce 23.4 degrees (earth axial tilt) that may explain what (Mars orbital period/ Earth orbital period) = (Earth Diameter / Mars Diameter).

Again the relativistic effects don't destroy the geometrical structure – cause changes but the structure can survive spite.

A Summary -Part 3- (Relativistic Effects Discussion) <http://vixra.org/abs/1907.0523>

(C)

86400 seconds –

We will use the value 86400 mkm

$$86400 \text{ mkm} = (71)^2 \times 17.2 \text{ mkm}$$

71= a rate produced by lorentz length contraction effect found by $v_2 = 0.9999 \text{ C}$

$(71)^2 =$ we can call **Double Contraction**

So the distance 86400 mkm will contracted (in double) to produce 17.2 mkm

We know 1 mkm= 1 degrees

(Because Mercury orbital circumference =360 mkm=360 degrees)

So 17.2 mkm =17.2 degrees = Pluto orbital inclination

Also

$$(71)^2 = 5041$$

Where Mercury Day needs 5040 seconds to be 176 solar days

How 1 solar day be 1 second?

The value 86400 mkm is contracted double $(71)^2 (=5040 \text{ approximately})$ to produce 17.2 mkm

The double contraction process is done based on the rate $(71)^2 = 5040$ approximately which is seen by us as a required period 5040 seconds to make Mercury day =176 solar days

The produced value 17.2 mkm is equivalent to 17.2 degrees

Where Pluto orbital inclination =17.2 degrees –

So the first value 17.2 degrees (the contraction result) moves in opposite direction to second value 17.2 degrees (Pluto orbital inclination) and both together produces the result **1**

Based on that

86400 mkm will be seen as 1 mkm

But

Note please $17.2(\text{degrees}) / 17.2 (\text{degrees}) = 1$

1 Without any unit – it's a rate and doesn't equal 1mkm

This is not a problem ...

Because all solar system distances are areas (rectangles their length = the distance and their breadth = 1mkm)

So the length unit of 17.2 mkm which creates 17.2 degrees - is removed by Pluto orbital inclination effect

But it's breadth (1 mkm) will provide the required unit to be 1 mkm and that will help to know this process effect direction

Conclusion

86400 mkm will be contracted to be 1 mkm

Accordingly 86400 seconds will be contracted to be 1 second

(2nd) The Sun Day = 365.25 solar days

By the same method

1 Day on the sun = 1 year on Earth

We start with 365.25 days

365.25 days = 71 x 5.14

(Moon Orbital Inclination = 5.1 degrees)

So

71 mkm will be transported as 365.25 mkm –

And we know that

71 mkm can be contracted by $v_2=0.9999c$ and produced 1 mkm

So the main machine is the rate 71

Here we don't use double contraction $(71)^2$ but use a simple contraction (71)

365.25 mkm will be seen by us as 365.25 solar days

So

1 mkm will be seen as 1 solar day

71 mkm is a wide used value in Earth and moon motions

For example

Earth move during 27.3 days a distance = 71 mkm

Moon moves during 29.53 days a distance = 71 mkm

(moon velocity will be discussed later)

Based on the previous explanation

1 day on the sun = 1 year on Earth

This information we know from long time from the moon circumference

Let's remember it here

10921 km (Moon Circumference) x 86400 seconds (solar day) = 940 mkm
(Earth orbital circumference)

This Equation tells us that – If Earth revolves a complete revolution around the sun in 1 solar day only – so the moon circumference will be equal a distance of motion for 1 second period

This equation importance extends behind the sun rate of time proving process – it tells that – **the matter is created based on a period of time**

i.e.

the time is a player in matter creation process and dimensions definition (This is the research 5th hypothesis Discussion)

4-2-3 Uranus Saturn Relationship

I - Data

2.5 degrees (Saturn orbital inclination) = 3.1 degrees (Jupiter axial tilt) x 0.8 degrees (Uranus orbital inclination)

$(116.7 \text{ degrees} / 97.8 \text{ degrees (Uranus axial tilt)}) = (\text{Jupiter diameter} / \text{Saturn diameter}) -$

Where

116.7 degrees = 90 degrees + 26.7 degrees (Saturn Axial Tilt)

Also

Solar planets diameters total = 2 Jupiter diameters + 1 Saturn diameter

i.e. the rate (Jupiter diameter/ Saturn diameter) is the solar system basic rate

$97.8 \text{ degrees (Uranus axial tilt)} / 26.7 \text{ degrees (Saturn axial tilt)} = 3.66$

Where

$(\text{Earth Diameter} / \text{Moon Diameter}) = 3.66 = (\text{Sun Diameter} / \text{Earth Moon distance TSE})$

(TSE = total solar Eclipse)

Also

I – Discussion

The previous data is added to the others showing that the relationship between Saturn, Uranus and Earth Moon is a deep relationship and effective one the three planets creation data

2nd Proof – Earth Saturn Relationship shows a deep effect as similar to Earth Uranus relationship which supports the paper claim

5- Solar System Main Equation (Earth Saturn Relationship)

5-1 Solar System Main Equation

$$Z = 2X + 1 Y$$

I-Data

Group No.1

Saturn orbital distance 1433.5 mkm	= 9.42	x Earth orbital distance 149.6 mkm
Saturn Diameter 120536 km	= 9.42	x Earth Diameter 12756km
Earth axial tilt 23.4 degrees	= 9.42	x Saturn orbital inclination 2.5 degrees
Saturn Mass	= 9.42	x 10 x Earth Mass

$$9.42 = 3\pi = 2\pi + \pi$$

Group No.2

5906 mkm (Pluto Orbital Distance) = 9.42 x 627 mkm (Earth Jupiter Distance)

I-Discussion

The solar system moves as a train – (The Train Motion Concept)

So there's one velocity for this system motion –velocity means one distance and one period of time – the one distance =1433.5 mkm (Saturn orbital distance) – and one period of time – 86400 seconds (solar day period) – so the solar system velocity =16591.5 km/sec but the real =204 km and 16591.5 = 204 x (511/2π) – we have discussed that before in this paper

Sothis velocity depends on Saturn & Earth Data

Accordingly

There's a relationship between Saturn and Earth Data

As data group No.1 tells us that

Between Saturn and Earth data the rate 9.42 is used frequently – why?

Because **This Rate Is Produced As A Form Of Solar System Main Equation**

i.e. the data shows that Saturn and Earth relationship is so deep and consist a basic column for the solar system geometry

Why we need this point to discuss here? Because

(1) We need to review the solar system main equation (which we will do right now)

And

(2) We need to show how deep the relationship between Saturn and Earth – as the data tells us – and also the rate 9.42 is found between Pluto orbital distance (5906mkm) and Earth Jupiter distance (627mkm) – which makes these distances specific distances- so after the solar system basic equation revision in next point – we have to analyze these 2 distances in point no. 6 (Earth Saturn Relationship Effect On Pluto Data)

Solar System Main Equation (Revision)

Solar System Main Equation

$$Z = 2X + 1 Y$$

The basic equation

$$1.16 \text{ mkm} = 0.406 \text{ mkm} + 2 \times 0.377 \text{ mkm}$$

We know this equation

Light (with supposed velocity 1.16mkm/sec) travels for 1 second to pass 1.16 mkm

Pluto motion per solar day = 0.406 mkm

Saturn Circumference = 0.377mkm

We have noticed that the Equation uses 2 values of Saturn Circumferences
So the using of 2 Saturn diameters, circumferences or orbital distances – this using is one of the solar system geometrical features

The previous equation tells us that

Pluto motion per solar day depends on light motion for 1 second which proves the 3rd hypothesis –

Neptune Velocity perfumes this same idea also – let's review it now

1.16 mkm = light motion for 1 second of (light supposed velocity 1.16 mkm/sec)

0.3 mkm = light motion for 1 second of light known velocity (0.3 mkm/sec)

Total = **1.46 mkm**

Pluto motion per solar day = **0.4665 mkm**

But

$$1.46 \text{ mkm} = 0.4665 \text{ mkm} \times \pi$$

The previous data supports the data same direction clearly

Please review

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

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

Also

Definition Of Motion (I) <http://vixra.org/abs/1909.0263>

Definition Of Motion (II) <http://vixra.org/abs/1909.0281>

Definition Of Motion (III) <http://vixra.org/abs/1909.0301>

5-2 Earth Uranus Relationship

I-Data

- 1- Uranus Orbital Distance 2872.5 mkm =19 Earth Orbital Distance (149.6 mkm)
- 2- 97.8 degrees (Uranus axial tilt) = 19 x 5.1 degrees (moon orbital inclination)
- 3- 23.6 degrees (outer planets orbital inclinations total) x 0.8 (Uranus orbital inclination) = 19 degrees **But** (23.6 degrees x 0.99 = 23.4 degrees = Earth Axial Tilt)
- 4- 97.8 seconds x 1.16 mkm /sec =113.4 mkm
- 5- 29.2 degrees x 0.8 (Uranus orbital inclination) = 23.45 degrees Earth axial tilt

II-Discussion

The previous data is example for many other data show a deep relationship between Earth and Uranus

Earth and Uranus relationship depends on number 19 – because Metonic Cycle (Earth Moon Cycle) extending for 19 years =6939.75 days –

I have claimed that Metonic Cycle depends on a light beam with known velocity (0.3mkm/sec) moves from Jupiter to Uranus (2088 mkm)- this light beam needs 6939.75 seconds to pass this distance 2088 mkm – planet following light motion as we know – and – one second of light motion causes one solar day of planet motion – for that reason the moon rotates Metonic Cycle for 6939.75 days –

So the relationship depends on no.19

And because Saturn orbital distance =1/2 Uranus orbital distance

Earth Saturn data relationship depends on half of the basic value (19) – so half of this number =9.5 which equal approximately 9.42 (Earth Saturn Relationship)

That explains the mutual effect between the three planets (Earth – Saturn- Uranus) and based on this effect the moon finds his effect in this same relationship

This is the story summary

But

In previous data we need to discuss only Equation no. 5

Equation 5

29.2 degrees x 0.8 (Uranus orbital inclination) = 23.45 degrees Earth axial tilt

This equation tells that – Earth axial tilt is created based on the value 29.2 degrees by help of Uranus orbital inclination (0.8 degrees) –

Do we remember 29.2 degrees?!

Let's review it in following:

1. Earth daily moves a distance = 2.58 mkm = 0.985 degrees to complete 360 degrees in 365.25 days... i.e. Earth during 29.53 days move **29.2 degrees**

And

2. The moon moves daily 2.58 mkm but the moon during the day moves 13.18 degrees to perform 360 degrees during 27.3 days

Means

- The moon during 29.53 days move a distance = 389.2 degrees
- 389.2 degrees – 360 degrees = **29.2 degrees**

Why 29.2 degrees is equal in both motions?

II- More Data

Metonic Cycle Period 6939.75 days = 19 x 365.25 days (Sidereal Days)
= 235 x 29.53 days (Lunar Synodic Month)
= 20 x 346.6 days (Nodal Year)

Saros Cycle Period 6585.321 days = 241 x 27.32 days (Lunar Sidereal Month)
= 19 x 346.6 days (Nodal Year)
= 223 x 29.53 days (Lunar Synodic Month)

Why motions of Earth, Moon and Moon orbit regression are in harmony as the data shows? Why these 3 cycles are in such harmony?

That means

Uranus orbital inclination 0.8 degrees effects on the connection point between Earth and moon and by which their motions are in harmony

That shows how deep the relationship between Earth, moon and Uranus

$$\frac{51118 \text{ km (Uranus Diameter)}}{3475 \text{ km (Moon Diameter)}} = \frac{0.377 \text{ mkm (Saturn Circumference)} \times 2}{51118 \text{ km (Uranus Diameter)}} = \frac{4.37 \text{ mkm (the Sun Circumference)}}{0.3 \text{ mkm}} = 14.7$$

$$\frac{\text{Uranus Mass}}{\text{Earth Mass}} = \frac{\text{Jupiter Radius}}{\text{Mercury Diameter}} = \frac{511.1 \text{ degrees (all planets axial tilts total)}}{17.4 \text{ degrees (inner planets orbital inclinations total)} \times 2} = 14.7$$

These equations also support the same data direction – and provide a real confidence in our claim.

3rd Proof – Moon motion shows the mechanism by which the moon effect on Uranus and Saturn Orbital Distances

6- Earth Moon Motion Discussion

6-1 Moon Orbital Motion

6-2 Moon motion & diameter relationship

6-3 Matter Creation depends on the time

6-1 Moon Orbital Motion

Moon defines 4 basic points for his motion

Perigee point = 363000 km – the most near point the moon can reach to Earth

Apogee point = 406000 km – the most far point the moon can reach from Earth

Orbital distance = 384000 km (registered)

Total solar eclipse = 377000 km

Moon moves daily = 2.58 mkm = Earth motion daily (otherwise they will be separated from each other)

But because there are relativistic effects in the solar system – for that – the distance 2.58 mkm is contracted by the rate 1.0725 (which we have discussed before) to be 2.41 mkm

But

Moon orbital circumference (at apogee radius $r = 0.406$ mkm) = 2.58 mkm = Earth motion daily

Moon orbital circumference (at orbital distance $r = 0.384$ mkm) = 2.41 mkm = the contracted value by 1.0725

Shortly

The moon moves 2.58 mkm but this distance is contracted to be 2.41 mkm by the relativistic effects – now there's a difference in velocity between Earth 2.58 mkm daily and moon 2.41 daily

We may remember Einstein rock – which he left to drop from the moving train and Einstein had seen the rock motion trajectory as a straight line but the people on platform had seen the rock moves in parabola, why? Because there's a difference in velocity between both (the train and platform)

We have a difference in velocity between Earth and Moon Motions (2.58 and 2.41 mkm daily respectively) for that reason we see the moon motion which, should be similar to Earth motion in straight line approximately (otherwise they will be separated), we see this motion in elliptical form – why?

Because there's a difference in velocity between Earth and Moon motions

We don't see the moon revolves around Earth a complete revolution daily! why?

Because the difference $2.58\text{mkm} - 2.41\text{mkm} = 0.17\text{mkm}$

This difference can cause the moon to be separated from Earth – so the moon has to cover this distance – now the moon moves additional distance $= 88000\text{ km}$ daily to cover it – and this motion (88000 km) causes the distance to be increased with 0.17 mkm ($2 \times 88000\text{km}$)- where the moon here uses Uranus Saturn rate to be effective in his motion – he moves 88000 km but because he connects with 2 great gears this motion 88000 km will increase the total distance with be $88000\text{ km} \times 2$ – and by such way – the moon motion daily will be = Earth Motion Daily and they will not be separated

But

Why moon orbital circumference at apogee radius ($r=0.406\text{ mkm}$) $= 2.58\text{ mkm} =$ Earth Daily motion

Because here there's no difference in velocity so this motion should be in straight line trajectory as similar to Earth motion manner

Why we see it in elliptical form?

The moon original motion is 2.41 mkm and the difference of velocity causes his motion to be seen in elliptical form

The additional motions 0.17mkm is added by the moon additional diligence to pass 88000 km with outer help from Uranus Saturn Relationship

So the additional distances are added to the original which was in elliptical form already

Now we can our hard old question

Why the moon orbital circumference at apogee radius = Earth Daily motion

So Uranus Saturn relationship is the main factor which help the moon to do his job

6-2 Moon motion & diameter relationship

Outer planets diameters total = 366500 km = Perigee radius (363000 km) (%1)

Solar planets diameters total = 406000 km = Apogee Radius

Apogee perigee distance = 43000 km

Inner planets diameters = 40000 km

Now

Outer Planets Diameters Total = perigee radius 363000 km + moon diameter 3475 km
That means

If the moon be at perigee point – so the distance from Earth to the moon will be =
outer planets diameters total = 366500 km

and in the same time the rest distance from the moon (in perigee point) to apogee
point (without the moon diameter) will be = 40000 km = inner planets diameters total

The previous data tells us that – the moon diameter is created relative to these
different distances ... why?

Because the

Planet motion is related to its diameter (or circumference) – the motion is one of the
geometrical structure features –

What does that mean?

We imagine any planet can do any motion! That's the mistake – the motion is relative
to the geometrical structure and not any planet can do any motion – the motion is
specified according to the geometrical structure- that's why the square motion is
different from the triangle motion – and based on that the motion analysis can
discover the geometrical structure

Let's try to discuss that deeply in following

(1)

10921 km (Moon Circumference) x 86400 seconds (solar day) = 940 mkm
(Earth orbital circumference)

This Equation tells us that – If Earth revolves a complete revolution around the sun in
1 solar day only – so the moon circumference will be equal a distance of motion for 1
second period

(2)

10921 km (Moon Circumference) x 27.3 days seconds (solar day) = 0.3 mkm

This Equation Tell that - if the moon rotates around his axis once daily – so during his
orbital period – the moon pass a distance = 0.3 mkm = 1 second of light motion –

I try only to show that planet motion depends on or related to this planet diameter or
circumference effect Please review

The Moon Orbit Analysis <http://vixra.org/abs/1811.0422>

Total Solar Eclipse Analysis (Part I) <http://vixra.org/abs/1903.0091>

6-3 Matter Creation depends on the time

I-Data

$$\frac{51118 \text{ km (Uranus Diameter)}}{3475 \text{ km (Moon Diameter)}} = \frac{0.377 \text{ mkm (Saturn Circumference)} \times 2}{51118 \text{ km (Uranus Diameter)}} = \frac{4.37 \text{ mkm (the Sun Circumference)}}{0.3 \text{ mkm}} = 14.7$$

$$\frac{41.4 \text{ mkm (Earth Venus Dis)}}{0.406 \text{ mkm (Pluto Velocity Daily)}} = \frac{5906 \text{ mkm (Pluto Orbital Dis)}}{57.9 \text{ mkm (Mercury Orbital Dis)}} = \frac{0.241 \text{ mkm (Saturn Diameter} \times 2)}{2390 \text{ km (Pluto Diameter)}} = 101$$

II-Discussion

In first Equation

The sun circumference depends on light motion for 1 second! Why?

Based on this same equation Uranus, Saturn & Moon diameters are created relative to each other

The previous data tells that.....the matter is created based on time period

This is my 5th hypothesis

Hypothesis No.5

Matter Creation process depends on solar day period of time – that means – Matter creation process depends on the time as one of its main components

Moon equation supports this hypothesis strongly

(1)

10921 km (Moon Circumference) x 86400 seconds (solar day) = 940 mkm (Earth orbital circumference)

(2)

10921 km (Moon Circumference) x 27.3 days seconds (solar day) = 0.3 mkm

(3)

outer planets diameters total / Pluto diameter =153 (where Pluto Day =153 hours)

(5)

Pluto Motion per solar day =406000 km = solar planet diameters total

This concept is a heavy one – but the data supports the general idea clearly – the matter is created based on the time period

Earth Circumference supports this same claim

Table No. 1 Why Earth Circumference = 40080 km?		
<i>If Earth diameter = 12756 km, is considered to be = 1</i>		
Earth Circumference = 40080 km, will be just = Π - the Following is Correct		Error
❖ Earth Circumference	= Π	-
❖ Solar Inner Planets Diameters Total	= Π	-
❖ Solar Outer Planets Diameters Total	= 9Π	-
❖ Moon Orbit Radius (At Perigee Point)	= 9Π	-
❖ All Solar Planets Diameters Total	= 10Π	1%
❖ Moon Orbit Radius (At Apogee Point)	= 10Π	1.2%
❖ 2 Jupiter Diameter + Saturn Diameter	= 10Π	
❖ Moon Orbit Radius (At Total Solar eclipse Point)	= 9.5Π	-
❖ Saturn Circumference	= 9.5Π	-

Discussion

Earth rotates around her axis daily – means – Earth moves during this rotation a distance = 40080 km – so the value 40080 km is not Earth Circumference but Earth Motion during a solar day

Any way

That tells us the Earth motion per solar day effect on Earth circumference (Matter creation) as similar as the table other data

Which means

The matter creation depends on a time period

Conclusion

The matter is created based on Solar Day period

Note Please

the solar system general energy indicator! How to understand that?

because the solar system total energy is reflected inside the moon orbit and the moon becomes as a paper ship at a sea – he moves with the waves which show the energy motion direction

this idea is discussed deeply here

The Moon Orbit Analysis

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

Why We See the Sun Disc = the Moon Disc?

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

4th Proof – Earth Jupiter Distance supports the claim –there's a deep relationship between Saturn, Uranus and Earth Moon

7- Earth Saturn Relationship Effect On Pluto Data

7-1 Data Discussion

7-2 The Distances Interaction

6-3 Earth Jupiter Distance (627mlm)

7-1 Data Discussion

I-Data

Equation (A)

5906 mkm (Pluto Orbital Distance) = 9.42 x 627 mkm (Earth Jupiter Distance)

Equation (B)

5092 mkm (Jupiter Pluto Distance) = 17 x 2 x 149.6 mkm (Earth Orbital Distance)

I-Discussion

We here discuss Equation No. (A) which we have seen before– but because this equation is a complex one we have to used a separated point for it..

Equation (A)

5906 mkm (Pluto Orbital Distance) = 9.42 x 627 mkm (Earth Jupiter Distance)

We know the rate $9.42 = 3\pi = 2\pi + \pi$

9.42 is the rate between Earth and Saturn data – as we have discussed before

(Revision)

Saturn orbital distance 1433.5 mkm = 9.42 x Earth orbital distance 149.6 mkm

Saturn Diameter 120536 km = 9.42 x Earth Diameter 12756km

Earth axial tilt 23.4 degrees = 9.42 x Saturn orbital inclination 2.5 degrees

Saturn Mass = 9.42 x 10 x Earth Mass

$9.42 = 3\pi$ expresses the relationship between Earth and Saturn

Based on this relationship – Pluto orbital distance is rated with Earth Jupiter Distance! Why?! **How Saturn can effect on this relationship?**

Saturn here is used as a time player – simply – Saturn orbital distance 1433.5 mkm is used as 1433.5 days

More Data

Table No.2 The Table uses 1433.5 mkm (Saturn orb. Distance) As 1433.5 Days	error
-1433.5 days x Mercury velocity daily 4.095 mkm = 5906 mkm Pluto Orbital Distance	0.6%
-1433.5 days x Venus velocity daily 3.02 mkm = 4329 mkm Venus Neptune Distance	0
-1433.5 days x Earth velocity daily 2.58 mkm = 3699 mkm Jupiter Neptune Distance	0
-1433.5 days x Mars velocity daily 2.082 mkm = 2984.5 mkm Uranus Pluto Distance	0
-1433.5 days x Jupiter velocity daily 1.1318 mkm = 1622.4 mkm Uranus Neptune Distance	0
-1433.5 days x Saturn velocity daily 0.838 mkm = 1201 mkm Mars Saturn Distance	0.3%
-1433.5 days x Uranus velocity daily 0.5875 mkm = 842 mkm	
-1433.5 days x Neptune velocity daily 0.4665 mkm = 670 mkm Venus Jupiter Distance	0
-1433.5 days x Pluto velocity daily 0.406 mkm = 580 mkm Mercury Earth distance	

Deep Discussion

The previous table uses 1433.5 days as a basic period – and all planets move during this period 1433.5 days defined distances

For example

Mercury during 1433.5 days moves a distance = Pluto Orbital Distance
(Please Note – for third time – Mercury Pluto Relationship)

What does the previous table tell us?

Saturn is found in Equation (A)

5906 mkm (Pluto Orbital Distance) = 9.42 x 627 mkm (Earth Jupiter Distance)

Saturn is found as a period of time during which the planets moves defines distances based on these distances interaction Equation (A) is created

Saturn orbital distance here is used as a time period –

How? because

Time And Distance Equivalence (Proves) <http://vixra.org/abs/1904.0125>

The previous table is so hard to discuss one by one – but for example

Pluto during 1433.5 days move a distance =580 million –

Do we know this value??

Of course – because

500 seconds x 1.16 mkm/sec (light supposed velocity) =580 mkm

So

Pluto moves following a light beam motion

Please remember the number 580 mkm – because – we have discussed this value deeply before and we have explained that

580 mkm a distance is passed by Pluto motion (during 1433.5 mkm) and by light motion (During 500 seconds) and this 500 seconds is transported to Earth and defined Earth orbital distance based on it – (149.6 mkm =500 seconds x 0.3 mkm/sec- that means – light known velocity passes 149.6 mkm during 500 seconds)

Based on this 500 seconds the relationship between Pluto and Earth is created

Data

- Earth Velocity 2.58 mkm/ day = Pluto Velocity 0.406 mkm/ day **x 2π**
- Pluto Orbital Distance 5906 mkm =Earth orbital circumference 940 mkm **x 2π**
- Pluto Day 153 hours = Earth Day 24 hours **x 2π**

The previous data supports the claim clearly

For more details please review

Matter Creation Principle (Part V) <http://vixra.org/abs/1908.0367>

7-2 The Distances Interaction

Equation (A)

$$5906 \text{ mkm (Pluto Orbital Distance)} = 9.42 \times 627 \text{ mkm (Earth Jupiter Distance)}$$

This equation has 2 distances

5906 mkm Pluto orbital distance (distance between Pluto and the Sun)

627 mkm Earth Jupiter Distance (distance between Earth and Jupiter)

How to understand this Equation?

We have 4 players Sun, Pluto, Jupiter and Earth

Let's use the other distances between these 4 players

Equation (B)

$$5092 \text{ mkm (Jupiter Pluto Distance)} = 17 \times 2 \times 149.6 \text{ mkm (Earth Orbital Distance)}$$

We use the same players with different distances!

$$17.2 \text{ degrees (Pluto Orbital inclination)} \times 0.99 = \underline{17 \text{ degrees}}$$

Jupiter Pluto Distance is rated with Earth orbital diameter by the rate 17

Why?

Again Jupiter Pluto distance is rated with Earth orbital distance $\times 2$

$$Z=2x+1y$$

So data tells that – We move with the same phase – the 4 players are rated to each other by any distance – that because we deal with a system – no pure coincidence here- the system shows the relationship through any distance

Please Note

(1)

Jupiter Pluto Distance = Jupiter Energy, As we have discussed before that means this distance is so specific in the solar system geometry

(2)

The rate 0.99 is discussed before frequently -

What's geometrical mechanism behind this rate 0.99 ?- it's still unclear

But we have seen that this rate is used frequently in the solar system –

The following data supports that clearly:

17.4 degrees (inner planets orbital inclinations total) $\times 0.99 = 17.2$ degrees (Pluto orbital inclination)

23.6 degrees (outer planets orbital inclinations total) $\times 0.99 = 23.4$ degrees (Earth Axial Tilt)

$(180 \text{ degrees} / 2\pi) \times 0.99 = 28.3$ degrees (Neptune Axial Tilt)

So the equation $17.2 \times 0.99 = 17$ is just one more example for many others

Which tell us that – there's a geometrical reason behind the using of 0.99 so frequently

Shortly

What does Equation (A) tell us? the distance 627 mkm (Earth Jupiter Distance) is defined based on 2 factors which are 5092 mkm (Jupiter Pluto Distance) and 9.42 (Earth Saturn relationship rate) where both factors are so important – and based on that- the distance 627 mkm is so specific distance in the solar system geometry – let's discover that in following:

7-3 Earth Jupiter Distance (627mkm)

I-Data

(a)
6939.75 seconds \times 0.3 mkm/sec = 2088 mkm (Jupiter Uranus Distance)

(b)
2088 seconds \times 0.3 mkm/sec = 627 mkm (Earth Jupiter Distance)

(c)

$$6939.75 \text{ seconds} \times c^2 = 627 \text{ mkm}$$

(d)

3600 seconds \times 1.16 mkm/sec = 2 \times 2088 mkm

(e)

627 seconds \times 1.16 mkm /sec = 727.3 mkm

(f)

6939.75 seconds = 71 \times 97.8 seconds

97.8 seconds \times 0.3mkm = 29.34 mkm

97.8 \times 29.34 = 2872.5 mkm (Uranus orbital distance)

I-Discussion

(Please note 6939.75 days =Metonic Cycle)

Why 627 mkm is an important distance??

6939.75 seconds is the required period by light to pass the distance between Jupiter and Uranus which is so important distance

Now 6939.75 seconds \times c^2 =627 mkm

C^2 we consider frequently this value – where we remember that C^2 =90000 mkm when t=1 second

I wish we see clearly why 627 mkm is so important distance – it's produced directly based on c^2 as similar to Uranus orbital distance (2872.5mkm)

But Uranus orb. Dis is related to 90000 mkm and our distance 627mkm is related to 2088 mkm (Jupiter Uranus distance)

i.e.

2872.5 mkm is related to the sun position

But

2088 mkm is related to Jupiter position

Where we know that - the solar system energy is sent from Jupiter to Pluto

That means these 2 distances express the 2 main energy trajectories in the solar system – that makes the distance 627 mkm is the second one after 2872.5 mkm and similar in importance to 2088 mkm

Saturn Table Discussion

Let's discuss in more details the Saturn Table

Table No. 2 Page 36

We have discussed this table but

$-1433.5 \text{ days} \times \text{Uranus velocity daily } 0.5875 \text{ mkm} = 842 \text{ mkm}$	
--	--

Uranus during 1433.5 days produce only 842 mkm which we don't know Why? And what's this distance 842mkm??

Let's try to analyze this distance more deeply

$$\begin{aligned} 842 \text{ mkm} &= 3.02 \text{ mkm/daily (Venus Velocity Daily)} \times 278.4 \text{ days} \\ &= 2.58 \text{ mkm /daily (Earth Velocity Daily)} \times 327.6 \text{ days (lunar synodic year)} \\ &= 2.43 \text{ mkm/daily (Moon Velocity Daily)} \times 346.6 \text{ days (Nodal Year)} \\ &= 0.4665 \text{ mkm / daily (Uranus Velocity Daily)} \times 1800 \text{ days} \\ &= 0.406 \text{ mkm/ daily (Pluto Velocity Daily)} \times \underline{\underline{2088 \text{ days}}} \end{aligned}$$

(Note 278.4 degrees = Outer Planets Axial Tilts Total)

i.e.

Uranus moves during 1433.5 days =842mkm = Pluto motion during 2088 days

But

(1433.5 mkm = Saturn orbital distance and 2088 mkm= Jupiter Uranus distance)

I wish we see the connection between Pluto and Uranus – which we have discussed before in

Uranus Day Period

<http://vixra.org/abs/1908.0637>

Note Please :-

$$(842 \text{ mkm} / 57.9 \text{ mkm (mercury orbital distance)}) = 14.7$$

14.7 is the same rate in Equations No. (I) and (II) page no.15

8- The Sun Rays Origin

I-Data

(1)

- Mercury Velocity =4.095 mkm per solar day
- Venus Velocity =3.02 mkm per solar day
- Earth Velocity =2.58 mkm per solar day
- Earth Moon Velocity =2.58 mkm per solar day
- Mars Velocity =2.082 mkm per solar day
- Jupiter Velocity =1.131 mkm per solar day
- Saturn Velocity =0.838 mkm per solar day
- Uranus Velocity =0.587 mkm per solar day
- Neptune Velocity = 0.466 mkm per solar day
- Pluto Velocity = 0.406 mkm per solar day

Solar Planets velocities total = **17.75** mkm per solar day

(2)

The sun rate of time

1 day on the sun = 1 year on Earth

This idea we have discussed in page 25 of this paper

II- Discussion

Solar planets velocities total =17.75 mkm per solar day (relative to Earth)

But

1 solar day on the sun = 365.25 solar days on Earth

i.e.

1 day on Earth =237 seconds on the sun

We have a distance =17.75 mkm and we have a period of time =237 seconds

What's the velocity

Velocity =17.75 mkm/237 seconds = **0.25 C** (quarter of light known velocity)

But

Light travels 1.16 mkm per second (supposed velocity) + Earth rotates around her axis once daily 40000 km

1 solar day of planet motion is equivalent to 1 second of light motion

1.16 mkm+ 0.04 mkm = 1.2 mkm = **4C**

So planets velocities total per solar day interacts with light supposed velocity

$$4C \times 1/4 C = C^2$$

C^2 is the sun rays source

That means – solar planets motions energies are transformed into light beams from which the sun rays are produced