Definition Of Motion (III)

Gerges Francis Twadrous

2nd Course Student – Physics Department - Physics & Math Faculty –
Peoples' Friendship University – Moscow – Russia -2010-2013
TEL +201022532292 mrwaheid@gmail.com   / georgytawdrous@yandex.ru

Abstract
Paper Hypothesis

Solar System Motion

1- Light travels before any other motion – because by this light motion energy the solar system moves.
2- Solar planets motions are followers the leading light motion
3- Light Motion is One and Planets Motions is One

i.e.

4- Solar Planets cooperate together to produce one unified motion
5- Planets Data proves that solar system moves one unified motion by all planets – as a train moves with all carriages together- (Planet = A Train Carriage)

Also

Solar System has relativistic effects which prove the one motion claim

Because

(1) All distances are contracted by the same rate which means there's **One Unified Motion Behind**

(2) the contraction rate is transported from point to another which proves the energy transportation through the solar system, makes it as one Trajectory of Energy.

References

Definition Of Motion (II)   http://vixra.org/abs/1909.0281
Definition Of Motion (I)   http://vixra.org/abs/1909.0263
Why does Earth Moon Orbit regress?   http://vixra.org/abs/1909.0064
Is the 2737 Phenomenon a real one? (II)   http://vixra.org/abs/1908.0583

Gerges Francis Tawdrous   +201022532292
Curriculum Vitae   http://vixra.org/abs/1902.0044
E-mail   mrwaheid@gmail.com
Linkedln   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

The Assumption Of S. Virgin Mary.
Written in Cairo – Egypt
15th September 2019 (S. George)

Gerges Francis Tawadrous/   1
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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I do this research

1-Introduction

How does solar system move?
- Light Beam travels Firstly Before Any Planet Motion
- Based on this light beam motion energy – the solar system moves as a train

i.e.
- All solar planets moves together in one unified motion as a train moves with its carriages
- Solar Planets different Velocities don't disprove the collective motion concept because Solar System works as machine of gears – one motion is transported from gear to another with different velocities

A Collective Motion Concept

Once again we'll discuss this idea – I wish I'll explain it as clear as possible this time

What does mean "A Collective Motion"?

The idea is simple

I suggest that – the solar planets motions are one unified collective motion – means all planets move together as one group or as a train moves with all carriages
This idea contradicts directly the current one
The current theory tells that – each planet moves by gravity force found based on masses gravity of this planet and the sun- so the relationship is between the sun and the planet
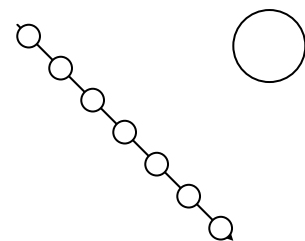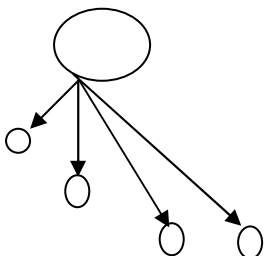I suggest another description
I suppose that – the solar group is similar to puppets theater –
9 puppets (for example) are connected with one thread – now the player moves this thread and that causes 9 puppets to move together- even in different forms and different velocities according to each puppet structure
The relationship here is not between the sun and planet – instead – between the planets with each other –

Now we have 2 visions contradicting with each other let's draw each of both

Classical Vision   My Suggested Vision
(Individual motion for each planet)   (Collective motion for all planets)
(The arrows refer to the effective force which causes Planet motion)

Gerges Francis Tawadrous/   2
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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I do this research

What vision is the correct one?

What does prove that Solar Planet moves individually?

We know that Earth and her Moon move one unified motion – the moon has to move daily a distance = Earth Motion daily otherwise they will be separated from each other- that means they move with the same velocity – so it's almost one unified motion – and their data supports this conclusion

Data

- Earth moves daily (0.9856 degrees) so during 29.53 days it will be **29.2 degrees**

- Moon moves daily (13.18 degrees) so during 29.53 days it will be 389.2 degrees
  =360 + **29.2 degrees**

- So Earth and Moon move one unified motion- that's why the degrees ruler accounts the same number for both ….also their cycles prove this fact…

- 6939.75 days (Metonic Cycle)   = 19 x 365.25 (Earth Orbital Period)
                                     = 235 x 29.53 days (lunar synodic month)
                                     = 20 x 346.6 days (Nodal Year)

- So Earth , Moon and Moon Orbit motions all of them are in harmony and perform Metonic Cycle! Why these cycles are in such harmony?….they are one motion

Now

- If we accept that for Earth and Moon Motions

- **How to prove that all solar planets move in one unified motion?**

Example No. 1

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

$$\frac{\text{Earth Velocity } 29.8 \text{ km/s}}{\text{Mars Velocity } 24.1 \text{ km/s}} = \frac{\text{Uranus Velocity } 6.8 \text{ km/s}}{\text{Neptune Velocity } 5.4 \text{ km/s}} = 1.239$$

Why these velocities are rated as such?

If Planet moves individually – why its velocity is rated with other planet velocity?

(these 2 equations are just examples for others will be discussed in this paper)

What I try to do here?

I try to analyze Planet Motion to discover if it an individual motion or a collective motion.

First of all – let's as – do Kepler laws support any of both forms of velocity?

Kepler Laws

- Kepler tells that Planet Motion Trajectory is an ellipse. So if it's 9 different motions use the same elliptical form or 1 unified motion is done in elliptical trajectory in both cases, we observe only an elliptical form for any planet motion trajectory – so kepler laws doesn't support nor disprove any of both motions forms (individual or collective motions). (this result is found also from kepler rest laws)

Gerges Francis Tawadrous/   3
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

Planet Revolution

All Planets revolve around the sun in the same direction can that support any of both motions forms? We can conclude at least that "the motion is almost similar between the planets". If planets motions are similar to each other that may support the collective motion idea.

Example No. 2

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

II-Discussion

We have discussed this data before – regardless its explanation – we see clearly 4 planets Axial tilts are rated to each other –

That tells us – these 4 planets motions should be rated to each other

Which means that

These 4 planets motions can't be individual motions – but motions depend on each other. Which supports the collective Motion Concept

 Now let's remember the previous data Explanation

Equation Explanation

(I have claimed that – there are relativistic effects in the solar system– and

based on that – the rate 1.0725 is found as length contraction effect 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 x π)

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=1433.5 mkm)

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 x Mars Orbital Inclination) ……Please Review

A Summary Of My Research (Relativistic Effects Discussion) http://vixra.org/abs/1907.0523

A Main Conclusion

There are different geochemical features and reasons in the solar system supports the

"Collective Motion Concept"

i.e. Solar Planets motions cooperate together to create we one collective motion – where the solar system behaves as a train moves with all its carriages

2- Methodology

Paper methodology is mentioned in (Motion Definition (I))

Gerges Francis Tawadrous/   4

2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..

mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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3- Planet Motion Analysis

3-1 Planet Velocity Analysis shows Interaction with other planets
3-2 Solar System produces one unified velocity (17.75 mkm)
3-3 Planet Day Analysis shows Interaction with other planets
3-4 Planet Motion Analysis shows Interaction with other planets
3-5 Planet rotation periods shows Interaction with other planets
3-6 Saturn Orbital Distance shows one velocity for the solar system

3-1 Planet Velocity Analysis shows Interaction with other planets

I-Data

Group No. 1

Equation No.1

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

Equation No.2

$$\frac{\text{Mercury Velocity 47.4 km/s}}{\text{Venus Velocity 35 km/s}} = \frac{\text{Mars Velocity}}{\text{Ceres Velocity}} = \frac{\text{Ceres Velocity}}{\text{Jupiter Velocity}} = 1.355$$

Equation No.3

$$\frac{\text{Earth Velocity 29.8 km/s}}{\text{Mars Velocity 24.1 km/s}} = \frac{\text{Uranus Velocity 6.8 km/s}}{\text{Neptune Velocity 5.4 km/s}} = 1.239$$

Group No. 2

Equation No.4
Mercury Velocity Daily 4.095 mkm x Ceres Velocity daily 1.534 mkm = **2π** mkm^2
Equation No.5
Venus Velocity Daily 3.02 mkm x Mars Velocity daily 2.082 mkm   = **2π** mkm^2
Equation No.6
Earth Velocity Daily 4.095 mkm x Moon Velocity daily 2.41 mkm   = **2π** mkm^2

Group No. 3

Equation No.6
Mars Velocity Daily 2.082 mkm = 1/Neptune Velocity daily 0.4665 mkm
Equation No.7
Moon Velocity Daily 2.41 mkm = 1/Pluto Velocity daily 0.406 mkm
Equation No.8
Earth Velocity Daily 2.58 mkm = 2π x Pluto Velocity Daily 0.406 mkm

II-Discussion

The previous data shows one clear information – the planet velocity – in different cases can't be created independently from other planets velocities –
Planet Velocity simply is created relative to other planets velocities and that means we deal with one machine – the gears move relative to each other producing at end one general unified motion…

Gerges Francis Tawadrous/   5
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

3-2 Solar System produces one unified velocity (17.75 mkm)

I-Data
Equation No.9
17.75 mkm x 1461 days =25920 mkm
Equation No.10
17.75 x 327.6 days = 5815 mkm
Equation No.10
17.75 x 500 days   = 9010 mkm
Equation No.11
17.75 x 5040 days =90000 mkm

II-Discussion
Equation No.9
17.75 mkm x 1461 days =25920 mkm
We know this equation..
Light with known velocity (0.3mkm/sec) travels during a solar day (86400 seconds)
a distance = 25920 mkm
All solar planets passed this same distance during 1461 days
Where
17.75 mkm = solar planets velocities daily total
1461 days   = Earth Cycle (365+365+365+366 =1461 days)

Why this equation is important?
Because it shows how the solar planets motions
   (1) follow light motion
   (2) behaves as one unified motion

Equation No.10
17.75 x 327.6 days = 5815 mkm
But ………….1.16 mkm/sec x 5040 seconds = 5846 mkm

327.6 days = lunar sidereal year
So during lunar sidereal year all solar planets together (one motion =17.75 daily) pass
a distance = 5815 mkm
But
Light with supposed velocity (1.16mkm/sec) passes during 5040 seconds a distance =
5846 mkm = Mercury Pluto Distance

The difference between 5846 mkm and 5815 mkm =0.5%
If we accept they are equal!
So
All solar planets together (one motion =17.75 mkm daily) passes a distance =
Mercury Pluto Distance during 327.6 days (Moon sidereal year) …**Why 327.6 days?**
The answer will be with Planet Day Analysis

Gerges Francis Tawadrous/   6
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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I do this research

3-3 Planet Day Analysis shows Interaction with other planets

I-Data

Equation No.12
(Mercury Day 4222.6 h/ Pluto day 153.3 h) = 27.598
27.598 x 0.99 = **27.32**
But
Moon Orbital Period = **27.32** days

Equation No.13

$$\frac{153 \, h \, PLuto \, Day}{24 \, h \, Earth \, Day} = \frac{29.8 \, km \, (Earth \, Velocity)}{4.7 \, km \, (Pluto \, Velocity)} = 2\pi$$

II- Discussion

Equation No.12
(Mercury Day 4222.6 h/ Pluto day 153.3 h) = 27.598
27.598 x 0.99 = **27.32** …….But …………..Moon Orbital Period = **27.32** days

Let's remember the conclusion we get from previous discussion
All planets together (one motion =17.75 mkm daily) passes a distance = **Mercury Pluto Distance** during 327.6 days (Moon sidereal year) …**Why 327.6 days?**
Because
Moon Orbital Period 27.3 days is defined as a rate between Mercury and Pluto Days Period
Equation no. 12 simply tells us where the relationships between Mercury and Pluto on one side and the moon orbit in the their sides

Equation No.13
Equation no.13 tells us that the previous conclusion was correct and supported by this one also

(Please Note, I try to concentrate the discussion to avoid the confusion)

2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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I do this research

3-4 Planet Motion Analysis shows Interaction with other planets
I-Data

Group No. 1

During 5040 seconds
- Mercury moves a distance   = 2 Saturn Diameters
- Mars moves a distance   = Saturn Diameter
- Saturn moves a distance   = Neptune Diameter   (1%)
- Pluto moves a distance   =Pluto Diameter x π^2

(Note Please, Mercury Day needs 5040 seconds to be 176 solar days)

Group No. 2 (Metonic Cycle 6939.75 days)

During 6939.75 days

- Mercury moves a distance = Neptune Orbital Circumference
- Earth moves a distance   = Uranus Orbital Circumference   (error 1%)
- Saturn moves a distance   = Mercury Pluto distance (5815 mkm)
- Pluto moves a distance   = Mercury Uranus distance (2818 mkm)

Group No. 3 (Earth Full Cycle 1461 days)

During 1461 days

- Mercury moves a distance = Pluto Orbital Distance   (1.3%)
- Venus moves a distance   = Mercury Neptune Distance
- Earth moves a distance   = Mars Saturn Circumference
- Mars moves a distance   = Uranus Pluto Distance
- Saturn moves a distance   = Mars Saturn Distance   (1.7%)
- Neptune moves a distance = Venus Orbital Circumference
- Pluto moves a distance   = 593 mkm

(Please Note, Earth Full Cycle =365+365+365+366= 1461 days)

Gerges Francis Tawadrous/   8
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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II-Discussion

Why the previous data prove that, solar system moves one unified motion?

Let's use group no.1

During 5040 seconds – 4 planets produce 4 different diameters – why this is a proof?

Because the period is the same… the velocities are different and diameters are different but the period of motion is the same!

As in any gears machine – different volumes and different velocities but the motion energy is transported from gear to another- that what's happening in the previous data – the energy is in time form and it transports from point to another…

Planet velocity changes but the transported energy is the same – we here deal with one machine – there's no any independent planet motion here – on the contrary – all planets motions are done relative and depending on each other…. Is there any proof for that??

Last value in Group No. 3

- **Pluto moves a distance   = 593 mkm**

What's this value 593 mkm??

500 seconds x 1.16mkm/sec   =**580 mkm**   (593 x 0.98 = 580 mkm)

Do we remember the value 580 mkm – which is the energy sent from Pluto to earth and in this Energy transportation – The Period 500 seconds is transported also and based on it light defines Earth orbital distance…(149.6 mkm = 500 sec x 0.3mkm/se)

This value 580 we have discussed frequently before – please review

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

Please Note

582 mkm is very important value

37000 mkm (Pluto orbital circumference) = 582 mkm x 63.7

Where 63.7 degrees = Sun declination – that means – the sun diameter and declination are defined based on Pluto Data!

18055 (Uranus orbital circumference) = 582 mkm x π^3

I wish I can explain the data importance – we deal with the value 582 mkm – why the rest players are important?!

Because π^3 = (Uranus axial tilt 97.8 deg/ Jupiter axial tilt 3.1 deg)

So this value π^3 is so important in our study – that means – Uranus orbital circumference 18055 mkm is created depend on 2 factors which are 582 mkm and π^3

Please remember

90000 mkm = π^3 x 2872.5 mkm (Uranus Orbital Distance)

Where 90000 mkm = c^2 if the time period was only 1 second

Gerges Francis Tawadrous/   9

2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..

mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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I do this research

3-5 Planet rotation periods shows Interaction with other planets

I-Data

(A)

Mars Orbital Period 687 days

= 365.25 days (Earth Orbital Period) x 1.9 (Mars orbital inclination = 1.9 degrees)

= 27.3 days (Moon Orbital Period) x 25.2 (Mars axial tilt   =25.2 degrees)

But

25.2 degrees Mars Axial Tilt = Mars orbital inclination 1.9 degrees x 13.18 degrees (Earth Moon Daily moves 13.18 degrees)

(B)

Mars Orbital Period 687 days

= 4331 days (Jupiter Orbital Period) / 2π (Mars axial tilt   =25.2 degrees)

(C)

365.25 days (Earth Orbital Period) = π x 116.75 days (Venus Day Period)

(D)

90560 day (Pluto orbital Period) = 365.25 days (Earth Orbital Period) x $(2\pi)^3$

(E)

Saros 6585.32 days

6585.32 degrees^2 = 115 x (180/ π) = 232.7 deg. x 28.3 deg.= 278.4 deg x23.6 deg

Where

115 degrees = shift angle

232.7 degrees = inner planets axial tilts total x   28.3 deg = Pluto orbital inclination

278. degrees = outer planets axial tilts total   x   23.6 deg = outer planets orbital inclination.

(Saro is a central point for the solar system – that's why the data is supported)

I-Discussion

This data we have discussed before

What's the main idea?

Planet Orbital Periods are created depending on Each other

The previous data is an example only (I have tried to extent the data to avoid the confusion)

Gerges Francis Tawadrous/   10
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

3-6 Saturn Orbital Distance shows one velocity for the solar system

I- Data

- Mercury Neptune Distance = **Saturn** Pluto Distance

- Mercury **Saturn** Distance = Neptune Pluto Distance

Saturn Orbital Distance = **Saturn** Uranus Distance =
= Mars Orbital Circumference
= Uranus Orbital Distance /2
= Neptune Orbital Distance /π
= Mercury Jupiter Distance x2
= Pluto eccentricity distance

II-Discussion

The previous data tells us that – Saturn orbital distance is the main distance in solar system which binds many data together
i.e.
Saturn orbital distance should be considered as an unique distance in solar system because many other planets distances depend on it - as the data shows clearly

Conclusion

Because solar system is one building (or one machine) because of that Saturn orbital distance is found to be the master distance in the solar system – main measurement- this result can't be done if the solar system is not one building
And because solar system is a system of motions
That means – Saturn motion defines the general direction of solar system motion
i.e.
Saturn orbital distance proves that there's one unified velocity done by the solar system

Gerges Francis Tawadrous/   11
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

IN THE ALMIGHTY GOD NAME
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I do this research

4- Solar System Motion depends on light beam energy

4-1 Pluto Motion Concept

4-2 Planet Diameter is created relative to light velocity

4-3 the solar system relativistic effects proves the one motion claim

4-4 Earth Circumference

4-1 Pluto Motion Concept

(I)

Solar System Main Features

- Solar system and planets are created based on energy of light motion for 1 second
- Energy of Light motion for 1 second causes planet to move for 1 solar day
- Energy of Planet motion for 1 solar day creates the solar planets and their distances
- i.e. We have a group of gears work here…. Light motion for 1 second whose energy creates planet motion for 1 solar day

How that can be possible…?

- Through the motions gears- for example planet motion uses energy of light motion for 1 second to produce planet motion for 1 minute – then another planet uses the energy of 1 minute to creates a planet motion for 1 hour- and third planet uses the energy of one hour motion to create a planet motion for one solar day….etc Now this group of gears are working continuously … we will see only planets move in their cycles but these planets cycles create the solar day time parts

Far from this theory details … how to prove it?

(1)

- Pluto Motion for 1 solar day =406000 km = Solar Planets Diameters Total

(2)

- Light supposed velocity for 1 second =1.16 mkm and light know velocity for 1 second = 0.3mkm –total of both velocities = 1.46 mkm Per Second

But

- The value 1.46 mkm =π x0.4665 mkm (Neptune Daily Velocity)

i.e.

- **Light beam motion for 1 second (2 light velocities together) create Neptune Motion for 1 solar day**

Also

Pluto motion for 1 solar is produced by light motion (1.16 mkm) for 1 second

If this idea is correct so

$$A = \frac{\text{Light Motion For 1 Second (velocity 1.16mkm/sec)}}{\text{Pluto Motion for 1 solar Day (velocity 0.406mkm/ day)}} = 2.85714$$

The Rate (A) should control **SOLAR PLANETS DATA**

As the next table (table no.1) proves that

Now we have 2 proves supports the idea that Planet Motion depends on light motion (Planet motion for 1 solar day is found based on light motion for 1 second)

Gerges Francis Tawadrous/   12
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

IN THE ALMIGHTY GOD NAME
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Conclusion

It's truth that – the solar system is created based on energy of 1 second motion of light beam – from Energy Transportation Process Discussion (in previous paper) we concluded

(1)

Energy is transported through the solar system which creates the planet matter and orbital distance

(2)

This energy is energy of light supposed velocity 1.16 mkm/sec travels for 1 second

(3)

Planet motion for 1 day depends on light motion for 1 second

(II)

Now

We have discovered 2 basic concepts in solar system geometry – which are

(1) Solar Planets Data Is Controlled By One Equation (F(z) =2x +1 y)

(2) Light (1.16mkm/sec) motion for 1 second causes planet to move for 1 solar day

These are the 2 concepts which we have discovered in the solar system and we wish that these 2 concepts have no contradiction between each other

How these 2 concepts can be unified into one concept only?

1.16 mkm   = light motion for 1 second
0.406 mkm   = Pluto Motion for 1 solar Day

F(z) = 2 x + 1 y

Solar Planets Data Equation

1.16 mkm = 0.406 mkm + 2 x (0.377 mkm)

Where

0.406 mkm = Pluto Motion Daily (which we know perfectly)

0.377 mkm = Saturn Circumference

Where

(A)

2 Jupiter Diameters +1 Saturn Diameter = solar planets diameters total

(B)

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

(C)

(Jupiter Diameter)^2 + (Saturn Diameter)^2 = (0.5 Saturn Circumference)^2 (1.2%)

(D)

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

This data we have discussed frequently - Basically – we know that the solar planets diameters are created depending on Jupiter & Saturn relationship – for that reason – light velocity equation **1.16 mkm = 0.406 mkm + 2 x (0.377 mkm) tells us that it's a basic equation in solar system geometry – and tells both concepts are unified.**

Gerges Francis Tawadrous/   13
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

IN THE ALMIGHTY GOD NAME
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I do this research

Discussion

The previous data tells that –

(1)

Light and Pluto relationship in fact creates the equation F(z) = 2x +1 y

(2)

The equation F(z) = 2x +1 y controls solar planets data

As we have discussed

$$A = \frac{\text{Light Motion For 1 Second (velocity 1.16 mkm/sec)}}{\text{Pluto Motion for 1 solar Day (velocity 0.406 mkm/ day)}} = 2.85714$$

The rate (A) controls solar planets basic data – the following table supports that

Table No.1	The Rate = A = 2.857= (1.16/0.406)		
The Rate between 2 Values		**= A**	**Error**
((1.16 mkm/sec) – (0.3mkm/sec))/ (0.3mkm/sec)=		= A	
Solar Planets Masses Total / 0.5 Jupiter Mass=		= A	1%
Planets Diameters Total 366550 km/ Jupiter Diameter 142984 km=		= A	
Jupiter Diameter 142984 km / Neptune Diameter 49528 km =		= A	
Mars Diameter 6792 km / Pluto Diameter 2390 km=		= A	
25920 mkm /9010 mkm (Saturn orbital circumference)=		= A	
655 mkm (Jupiter Saturn distance) /227.9mkm (Mars orbital distance) =		= A	
5906 mkm (Pluto Orbital distance) /2088 mkm (Jupiter Uranus Distance)=		= A	1%
Saturn diameter 120536 km/43000 km (moon motion freedom)		= A	
Outer Planets Axial Tilts Total 278.4 deg / Uranus axial tilt 97.8 deg		= A	
41 deg (planets orbi. inclinations total) x 2/ Neptune axial tilt 28.3 deg		= A	1.4%
511.1 deg (planets axial tilts total) / 180 deg		=A	0.6%
Neptune axial tilt vertically 118.3 degrees /41deg (planets orbi. inclinations total)=		= A	1%
Neptune Axial Tilt 28.3 degrees /π^2		= A	
Earth Moon Orbi. Inclination 5.1 deg/1.8 deg Neptune orbi. Inclination		= A	0.7%
(7 deg= Mercury orbi. Inclination)^2/ (17.2deg Pluto orbi. Inclination)		= A	
177.4 deg (Venus Axial Tilt) /$2\pi^3$=		= A	

This table was discussed in my previous paper

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

Gerges Francis Tawadrous/   14
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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I do this research

4-2 Planet Diameter is created relative to light velocity

I-Data

(1)

$$\frac{\text{Uranus Diameter 51118 km}}{\text{Earth Moon Diameter 3475 km}} = \frac{\text{Satrun Circumference 377000 km}}{\text{Uranus Diameter 51118 km}} = \frac{\text{4.37 mkm the Sun Circumference}}{300000\,km}$$

(2)

$$\frac{\text{2872.5 mkm Uranus Orbital}}{\text{2.58 mkm Earth motion daily}} = \frac{\text{30589 days (Uranus Orbital Period)}}{\text{27.3 days (Uranus Orbital Period)}} = 1120$$

I-Discussion

the previous equation no. 1 is very good example can help our explaining-

Diameters of Earth Moon – Uranus and Saturn in addition to them sun diameter all of them are created relative to each other

But not only relative to each other–but also relative to the light motion for 1 seconds (distance 300000km)

The previous equations have specific significance because they depend on light motion for 1 second

That tells us – all solar planets and the sun herself –are created by motion for 1 second (of light beam) that causes planet to move one solar day

Conclusion

Because the planets velocities perform their motions depend on light motion for 1 second – because of that – we know the solar system structure is built based on energy of light for 1 second motion – that means – all solar system data is relative to light velocity (both velocities of light)

To prove that – let's provide some more data

10921 km x 27.3 days =300000 km

This equation tells if the moon rotates once around his axis daily – so in his orbital period will pass a distance = light motion for 1 second…

12765 km x 23.4 = 300000 km

But we know 23.45 degrees= Earth axial tilt

because a great part of data is relative to light velocity – so we conclude the double motion by planet and light

Gerges Francis Tawadrous/   15
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

4-3 the solar system relativistic effects proves the one motion claim

I have supposed there are relativistic effects in the solar system – these relativistic effects cause lorentz contraction with rates 71- 7.1- 1.0725

Conclusion

If these relativistic effects are truth – they can work as a proof for the one motion claim – because

(1) All distances are contracted by the same rate which means there's **One Unified Motion Behind**

(2) the contraction rate is transported from point to another which proves the energy transpiration through the solar system which makes it as one machine (one building)

THE PROVES

I

Data (Distances)

1. $\dfrac{\text{Earth Daily Motion 2.58 mkm}}{\text{Moon Orbital Circumference 2.41 mkm}} = 1.0725$ (No Error)

2. $\dfrac{\text{Apogee orbital radius (406000 km)}}{\text{Total Solar Eclipse radius (378500 km)}} = 1.0725$ (No Error)

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

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

5. $\dfrac{\text{670 mkm Jupiter Venus Distance}}{\text{629 mkm Jupiter Earth Distance}} = 1.0725$ (0.6%)

6. $\dfrac{\text{Saturn Orbital Distance (1433.5 mkm)}}{\text{Sarurn Venus Distance (1325.3 mkm)}} = 1.0725$ (Error 0.8%)

7. $\dfrac{\text{Saturn Earth Distance (1284 mkm)}}{\text{Sarurn Mars Distance (1205.6 mkm)}} = 1.0725$ (Error 0.7%)

8. $\dfrac{\text{Uranus Orbital Distance (2872.5 mkm)}}{\text{Uranus Mars Distance (2644 mkm)}} = 1.0725$ (Error 0.7%)

9. $\dfrac{\text{Jupiter Orbital Circumference (4894 mkm)}}{\text{Neptune Orbital Distance (4495.1 mkm)}} = 1.0725$ (Error 1.5 %)

Discussion

Why this rate 1.0725 is found between the distances?

These distances should be equal – Why? Because they are light beams reflected from each other so they should be equal to each other, but because of the relativistic effects

Gerges Francis Tawadrous/   16
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

– specifically – because of length contraction effects - these distances became unequal and rated to each other by the rate 1.0725

I wish to explain the idea as clear as possible – the rate 1.0725 isn't private rate for any distance – it's a general effect on all distances – that's why I claim "there are relativistic effects on the solar group" because it's not a rate dealing with each distance individually but deal with the whole system together – for that – its effect is seen on different distances – (i.e. **One Motion Effected By Relativistic Effects**)

It's Not a local effect but public effect – it's not mentioned for any distance – but found as effect on the main system and seen in different values as results effect on the main system

(II)

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

Planets axial tilts we have explained before in this paper
Please Note
Planets Axial Tilts are effective in planet motions – that means the 4 planets motions should cooperative motions

A Summary Of My Research -Part 3- (Relativistic Effects Discussion)
http://vixra.org/abs/1907.0523

Gerges Francis Tawadrous/   17
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292

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

4-4 Earth Circumference

Data

Table No. 1	Why Earth Circumference = 40080 km?	
If Earth diameter = 12756 km, is considered to be = 1		
Earth Circumference = 40080 km, will be just =Π So….. The Following Vales Are 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**	**-**

II-Discussion

Earth rotates around her axis daily moving 40080 km in this rotation – based on this motion distance 40080 km many data is produced…
How to understand that?
One motion controls many different data !
What conclusion we mat reach here?

Conclusion

Solar System Is One Machine Moves With One Unified Motion

And because of that– different data is created depending on this same distance why?
Because the unified one motion needs harmony from all players (Puppets)
So the puppets are created to be in harmony with the one unified motion otherwise this same motion can" be done
Now we can understand how this table is created and why planets many data shows dependency on each other – all these features which we dealt with for long time are found basically to enable the solar system to perform his one unified motion
Because any inconsistency in the whole machine will prevent its general motion

Gerges Francis Tawadrous/   18
2nd Course student – physics Faculty – People's Friendship University – Moscow –Russia..
mrwaheid1@yahoo.com   mrwaheid@gmail.com   +201022532292