

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

By Gerges Francis Twadrous

2<sup>nd</sup> Course Student – Physics Department - Physics & Math Faculty –  
Peoples' Friendship University – Moscow – Russia -2010-2013

TEL +201022532292 [mrwaheid@gmail.com](mailto:mrwaheid@gmail.com) / [georgytawdrous@yandex.ru](mailto:georgytawdrous@yandex.ru)

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### Abstract

Research 2<sup>nd</sup> Hypothesis

## There Are Relativistic Effects In The Solar Group

I claim we can't observe the higher velocity which causes these relativistic effects, but we can prove its existence by discovering its relativistic effects

The solar group relativistic effects are proved by the following proves:

- 1- The repeated using of 1.0725 as a rate between solar planets data (Point 3)
- 2- Time & Distance Equivalence (Point 4)
- 3- Planets Velocities Total (Point 5)
- 4- Earth Moon Orbital Geometrical Rules (Point 6)
- 5- Earth Moon Motion (Point 7)
- 6- Earth Moon Motion Effects On Our Vision (Point 8)
- 7- Energy has different forms (Point 9)

### Please Note

This study is (Part 3) of the same series – please review

A Summary Of My Research

<http://vixra.org/abs/1907.0465>

A Summary Of My Research -Part 2- (Matter Creation Discussion)

<http://vixra.org/abs/1907.0493>

Gerges Francis Tawdrous +201022532292

Curriculum Vitae <http://vixra.org/abs/1902.0044>

E-mail [mrwaheid@gmail.com](mailto:mrwaheid@gmail.com)

LinkedIn <https://eg.linkedin.com/in/gerges-francis-86a351a1>

Twitter <https://twitter.com/TawdrousF>

Facebook <https://www.facebook.com/gergis.tawadrous>

Academia <https://rudn.academia.edu/GergesTawadrous>

All my papers [http://vixra.org/author/gerges\\_francis\\_tawdrous](http://vixra.org/author/gerges_francis_tawdrous)

## 1-Intorduction

If we can't observe the higher velocity how can we prove its existence?  
What we have if the velocity itself is hidden from us?

We have this velocity effects on the matters and distances –  
So – all what we can do – just to analyze the matters & distances values to see if there's any effect on them..

It's NOT easy question....

Because we should know the matter and distance first state before the effects and then we should know what changes are happened for them, and then we need to prove that these changed are occurred as relativistic effects ...

It's hard job....!

Any way we should try...

But what help can be provided to us in this hard discussion?

We should depend on our new description for the solar group... this description which tells us that the solar planets data are created depending on each other – by such way – may the relativistic effects on data be seen clearly as possible

Let's start immediately in following

## 2- Methodology

I use the same Methodology for all my papers – we have explained the research methodology in this series main paper

A Summary Of My Research

<http://vixra.org/abs/1907.0465>

### 3-Repeated Using Of 1.0725 As A Rate Between Solar Planets Data

3-1 Solar Group alternative Description (Revision)

3-2 Planets Orbital & Internal Distances Equality

3-3 The Rate 1.0725 Creation

3-4 The Repeated Using of the rate 1.0725 for Planets Distances

3-5 The Repeated Using of the rate 1.0725 for Planets Axial Tilts

### 3-2 Solar Group alternative Description (Revision)

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 this same machine...

**That means**

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

### Description Basic Concept

**Planets cooperation and integration is the reason of their existence and motions.**

### How to understand that?

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

So the matter and space both are created from the same energy..

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)–outputs can be in 2 different forms (bright and dark fringes)"

### The Solar Group Creation

I suppose the solar group is one energy creates the planet matter and orbital distance – so this same energy passes through the whole group to create all solar planets and their orbital distances from the same energy where this energy creates all planets data complementary to each other because all of them are created from the same source.

### Shortly

The solar group is one thread – as one necklace – all solar planets and their distances are created from one energy to be complementary to each other- and that's why the planets data analysis shows the solar planets dependency.

### 3-2 Planets Orbital & Internal Distances Equality

#### I-Data

- Mercury Neptune Distance = Saturn Pluto Distance
- Mercury Saturn Distance = Neptune Pluto Distance
- Saturn Orbital Distance = Saturn Uranus Dis. = Mercury Orb. Circum.

#### More Data

- Mercury Jupiter Distance = Mars Orbital Distance  $\times \pi$
- Earth Neptune Distance = Mercury Saturn Distance  $\times \pi$
- Jupiter Uranus Distance = Venus Jupiter Distance  $\times \pi$
- Jupiter Pluto Distance = Uranus Neptune Distance  $\times \pi$
- Uranus Pluto Distance = Earth Orb. Circumference  $\times \pi$
- Neptune Orb. Distance = Saturn Orb. Distance  $\times \pi$
- Pluto Orbital Distance = Earth Orb. Circumference  $\times \pi$

#### II- Discussion

### Why These Distances Are Equal?

We need answer to move further ....any answer.. even imaginary answer we may accept....

In what situation we can find 2 equal distances?

Suppose

- (1) The Distance Is A Light Beam
- (2) This light beam is reflected on a mirror

So the first light beam length will be equal to the reflected one

Can this idea help us.. why these distances are equal?

Let's accept this answer as if a true one and move further may we will see much better

### 3-3The Rate 1.0725 Creation

Suppose.. There's a physical point moves with  $v_1=0.99 c$  relative to another physical point in the solar group (where  $c =$  light velocity  $0.3 \text{ mkm/sec}$ )

Based on that

Lorentz proper length equation

$$L_o = \frac{L}{\sqrt{1 - \frac{v^2}{c^2}}}$$

If  $v_1=0.99$  so

$$\frac{L_o}{L} = 7.1$$

Also Suppose

$$\frac{L_o}{L} = \frac{100}{100} + \frac{7.1}{100} = 1.071$$

The previous Equation supposes that – length contraction rate 7.1 is used by some complex geometrical mechanism to produce 1.071

That means – the length contraction depends on the velocity  $v_1=0.99 c$  which produces the length contraction rate = 7.1

But by some complex geometrical mechanism this rate 7.1 is transformed into 1.071 – that doesn't mean changing of the basic velocity ( $v_1=0.99 c$ ) but means the result of this velocity isn't used directly but used by a complex geometrical mechanism to produce the rate 1.071

(Note 1.071 equals approximately 1.0725 where the difference =1%)

**Now**

If we have  $L_o$  and  $L$  ....And we have found that  $(L_o/L) = 1.0725$

Can we conclude that this rate 1.0725 is found as length contraction effect rate

And can that be a proof for my claim

**(In the solar group there's a physical point moves with  $v_1=0.99 c$  relative to another physical point)**

Can that be a sufficient proof for a such heavy claim? Let's proceed our discussion

**(Please Note)**

- Because the solar group is one machine –each planet is gear in it – so the relativistic effects can't be limited for any area – that because the rates can be easily transported from point to another point with the moving energy through the solar group.
- We have learnt that from Mercury – where Mercury Orbital Circumference =360 mkm =360 degrees that means  $1 \text{ mkm} = 1 \text{ degree}$  and this rate can be used by any solar planet because the solar group is a machine and each planet is a gear in it so the rate  $1 \text{ degree} = 1 \text{ mkm}$  is transported with the energy from point to another point.

Now let's complete our discussion

### 3-4 The Repeated Using of the rate 1.0725 for Planets Distances

#### 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.  $\frac{778.6 \text{ mkm Juppiter Orbital Distance}}{720.3 \text{ mkm Jupiter Mercury distance}} = 1.0725$  (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.  $\frac{\text{Saturn Orbital Distance } (1433.5 \text{ mkm})}{\text{Sarurn Venus Distance } (1325.3 \text{ mkm})} = 1.0725$  (Error 0.8%)
7.  $\frac{\text{Saturn Earth Distance } (1284 \text{ mkm})}{\text{Sarurn Mars Distance } (1205.6 \text{ mkm})} = 1.0725$  (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 – Discussion

Why this rate 1.0725 is found between the distances?

These distances should be equal – As the data we have seen in point 3-2, but because of the relativistic effects – 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 –

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

The full list of the rate 1.0725 is found in my previous paper

Solar Group Geometrical Structure <http://vixra.org/abs/1805.0081>

### 3-5 The Repeated Using of the rate 1.0725 for Planets Axial Tilts

#### I-Data

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

From 9 planets there 4 planets axial tilts are rated with 1.0725

Around 45% of the total axial tilts...!

Again we need a general reason causes this same rate 1.0725

(Pure coincidence claim is absolute illogical because the same rate 1.0725 is used)

How to explain the previous equation?

We have to accept three hypotheses

- 1- **The Solar Group is one machine each planet is a gear in it** – means any planet motion can effect on any other planet motion – based on that – Mercury Orbital Circumference = 360 mkm =360 degrees and that means 1 degree =1 mkm and the solar group is one machine- so any planet can use this same rate – means planets axial tilts can be uses as distances where 28.3 degrees = 28.3 mkm (as example)
- 2- The rate 1.0725 is found as length contraction rate
- 3- Neptune is the inner planets energy source -...that makes Neptune Axial Tilt the master value in this equation  
(As we have discussed A Summary Of My Research <http://vixra.org/abs/1907.0465>)

#### Equation explanation

- Neptune Axial Tilt 28.3 degrees will be contracted with the rate 1.0725 to produce 26.7 degrees (Saturn Axial Tilt) (and that may explain why Neptune orbital distance = Saturn orbital distance  $\times \pi$ )

Then

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

Then

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

Based on that – we provide an explanation for the previous data and disprove the pure coincidences claim

#### 4- Time & Distance Equivalence

4-1 The Main Idea

4-2 The Proves

##### 4-1 The Main Idea

When the time value can work as distance value?

$$X = CT$$

(where x = distance and t= time)

If C = 1 So The Time = The Distance...

**(CONCLUSION)**

Relativity Theory may provide restrictions prevent the previous conclusion

But

I use the solar planets data analysis

So

If I find that – the planets data uses the distance values as time values or vice versa – so I will conclude that – the relativity theory restrictions are untrue- because I try to explain the solar planets data –so the theory can't prevent the data explanation.

Also

If we find the distance value is used as a time value (or vice versa)– so I will conclude that it's happened as relativistic effect – that means – the relativistic effects are increased with new feature

**The Relativistic Effects Are:**

1. Time Dilation
2. Length Contraction
3. Mass Increasing

And

#### 4. Time and Distance Values Equivalence

Feature No. 4 is my participation in the relativity theory – time and distance values can be equivalent only "**With higher velocity as relativistic effect**"

### **On What Proves The Previous Claim Depend?**

#### **On Planet Data Analysis**

i.e.

we need to prove that – the distance unit is used as time unit in the solar group

So let's see the proves in following...



## 4-2 The Proves

### I-Data

**No Error More Than 1%**

#### Group No. 1

1- Mercury Velocity Daily 4.095 Mkm x 56.88 Days (Mercury rotation Period)=  
243M Km

**(Venus Rotation Period = 243 days)**

2- Mercury Velocity Daily 4.095 Mkm x 1433.5 Days = 5870 M Km

**(Pluto Orbital Distance =5870 mkm)**

#### Also

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

**(1205 mkm = Saturn Mars Distance)**

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

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

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

**(670 mkm = Venus Jupiter Distance)**

#### Group No. 2

<b>Table No.1</b> The Table uses 1433.5 mkm (Saturn orb. Distance) As 1433.5 Days	error
-1433.5 days x Mercury velocity daily 4.095 mkm = 5870 mkm Pluto Orbital Distance	0
-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 = 582 mkm Mercury Earth distance*2Π	1%

### Group No. 3

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

**57.9 mkm = Mercury Orbital Distance**

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

**629 mkm = Jupiter Earth Distance**

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

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

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

**Mercury Day = 175.97 days**

### I-Discussion

#### Why The Previous Data Is A Proof?

Let's examine the table No. 1

The previous calculations use distance values as time values –for example the table use 1433.5 mkm (Saturn Orbital Distance) as a time value = 1433.5 days

So

During 1433.5 days –as the table shows - All planets (except Uranus) move known distances

("known distances" Means values = planet orbital or internal distances) –

#### Why These Known Distances Can Be A Proof For My Claim?

Because the solar group is one machine each planet is a gear in it

And that means

The planet data is created depending on other planets data...what does that mean?

#### Equation No. 1

Mercury Velocity Daily 4.095 Mkm x 56.88 Days (Mercury rotation Period)= 243M Km

**(Venus Rotation Period = 243 days)**

Equation no. 1 tells us that-because Mercury rotation period =58.66 days and mercury daily velocity =4.095 mkm – because of this data – Venus rotation period =243 days

This is my research basic 1<sup>st</sup> Hypothesis that

#### **The Solar Group is One Building And Each Planet is A Part Of It**

Which means – Each Planet data depends on the other planets data by some geometrical mechanism – and Equation No. 1 tells us about the mechanism by which Venus Rotation period is produced by Mercury Motion Daily

**Note/** We realize how the solar group geometry becomes so complex by my suggested description – but also by this same description we can answer many historical unanswered questions..

## 5- Planets Velocities Total

5-1 The Main Idea

5-2 Planets Velocities Daily Total

5-3 Light Beam Production Equation

5-4 A Different Rate Of Time

### 5-1 The Main Idea

- The planets daily velocities total =17.7 mkm
- These velocities total effect on the sun point –because all solar planets revolve around the sun in the same direction which enable the planets to gather their velocities together relative to the sun point only (***Center Of Motions***)
- The Value 17.75 mkm is a total velocity – means this velocity isn't seen by any planet but only seen by the sun because it's a summation relative to the sun.
- This velocities total by help of 2 factors which are (1) the sun rate of time (2) Jupiter Energy - will be seen from the sun as a point moves by light velocity.
- Means... the sun light beams are produced by Planets Motions Energies – i.e.- the Planets Motions Mechanical waves are transformed into light waves – and that means the sun existence depends on solar planets motions
- The light production process provides a good explanation how the relativistic effects can be found in the solar group.

### 5-2 Planets Velocities Daily Total

**Table No. 2**

Planet	Daily Velocity
Mercury	4.095 mkm
Venus	3.02 mkm
Earth	2.57 mkm
Earth Moon	2.57 mkm (Earth and Moon daily velocities should be equal otherwise they will be separated from each other)
Mars	2.082 mkm
Jupiter	1.1318 mkm
Saturn	0.838 mkm
Uranus	0.5875 mkm
Neptune	0.4665 mkm
Pluto	0.406 mkm
Total	17.74 mkm

#### **Please Note**

86400 mkm x 0.3 mkm/sec= 25920 mk

**(Light Travels During A Solar Day A Distance =25920 Mkm)**

17.75 mkm (Planets total velocities d. x1461 days (Earth Cycle 4 years) =25920 mkm

**Means** 17.75 mkm = Planets total velocities daily is a fact and used by other calculations in the solar group

### 5-3 Light Beam Production Equation

$$\frac{1}{4} C \times 4 C = C^2$$

(Gerges Equation For Sun Rays Production)

Please remember – we need 2 factors for help

#### (1) The Sun Rate Of Time

**1 Year On Earth = 1 Day On The Sun (Hypothesis)**

What's the planets total velocities? 17.74 mkm Per Day.... (Day on Earth)

1 year on Earth = 1 day on the sun ...i.e. one day one Earth = 237 s on the sun

So we have distance =17.74 mkm and we have time =237 seconds

Velocity =(17.74mkm)/237 second =1/4 C (Light velocity =c =0.3mkm/sec)

So

Solar Planets Velocities Daily total relative to the sun will be =**1/4 C**

#### (2) Jupiter Energy

I claimed that Jupiter has a light beam with velocity =1.16 mkm/second

In fact we need 1.2 mkm/second = **4C**

So

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

#### **C<sup>2</sup> is the light beam source**

how 1.16 mkm became 1.2 mkm – it's a long story- please review my previous paper

Solar Group Geometrical Structure

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

Also

The Time Definition

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

and

Time And Distance Equivalence (Proves)

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

### 5-4 Different Rate of Time

The previous discussion depends almost on the following hypothesis that

## 1 Year On Earth = 1 Day On The Sun

Even if we have no proof for it – is there any reference to this hypothesis?

Let's try to discover that in following

### Equation (A)

The Moon Circumference  $10921 \text{ km} \times 86400 \text{ seconds} = 940 \text{ mkm}$  (Earth Orbital Circumference)

Equation (A) tells us that

If Earth revolves around the sun **A Complete Revolution In One Day Only** – the moon circumference will equal Earth Motion Distance for 1 second....

So

Equation (A) supports the idea that **(There Are 2 Rates Of Time In The Solar Group Where 1 Day On The Sun = 1 Year On Earth)**

### Equation (B)

The Moon Circumference  $10921 \text{ km} \times 27.3 \text{ days} = 300000 \text{ km}$  (1second of light motion)

Equation (B) tells us that

If the moon rotates around his axis a complete Cycle once daily – so the moon will pass -during his actual orbital period 27.3 days – a distance = light motion distance for 1 second...

Equation B tells us that ... the moon is related to the 1 second period- that means – the previous equations are found based on geometrical necessities which supports the meaning that (there are 2 rates of time in the solar group)

### Please Note (1)

**If There Are Relativistic Effects In The Solar Group – That Necessitates – To Find 2 Different Rates Of Time In The Solar Group – According To Special Theory Of Relativity**

## **6- Earth Moon Orbital Geometrical Rules**

6-1 The Main Idea

6-2 Moon Orbital Geometrical Rules

### **6-1 The Main Idea**

This idea I have concluded by the solar planets data analysis – let's write it here..

#### **Conclusion**

- **The Geometrical Rule Is Found As A Relativistic Effect Cover**

That means

- **We don't see the relativistic effects – instead we see a geometrical rule –**

So

- **No one supposes there's a relativistic effect here – because the relativistic effect is hidden by a geometrical rule**

Let's try to prove that in following ...

## 6-2 Moon Orbital Geometrical Rules

363000 km : Earth Moon Distance at Perigee radius (most near point to Earth)  
377000 km : Earth Moon Distance at 377000km (total solar eclipse radius)  
384000 km : Earth Moon Distance at the moon orbital distance (average radius)  
406000 km : Earth Moon Distance at apogee radius (most far point from Earth)

### I-Data

#### "Pythagoras Rule"

$$R_n^2 + (86000\text{km})^2 = R_{n+1}^2$$

- 1) **363000 km** = moon orbital radius "At Perigee Point")
- 2)  $(86000\text{ km})^2 + (363000\text{ km})^2$  (perigee radius) =  $(373000\text{ km})^2$   
(**377000 km** = total solar eclipse radius error 1%)
- 3)  $(86000\text{ km})^2 + (373000\text{ km})^2 =$  **384000 km**<sup>2</sup>  
(384000 km = moon orbital average radius "registered in Nasa Fact sheet")
- 4)  $2x (86000\text{ km})^2 + (384000)^2 = (403000\text{ km})^2$   
(**406000 km** = moon orbital radius "at apogee point")

### II-More Data

## Relativistic effects

$$\frac{\text{Apogee Orbital Circumference}(r=0.406\text{mkm})=2.58\text{mkm}}{\text{Moon Orbital Circumference}(r=0.384\text{mkm})=2.41\text{mkm}} = 1.0725$$

$$\frac{\text{Moon Orbital Circumference}(r=0.384\text{mkm})=2.41\text{mkm}}{\text{Perigee Orbital Circumference}(r=0.363\text{mkm})=2.281\text{mkm}} = 1.0725$$

$$\frac{2.754\text{mkm}(r=0.439\text{mkm})}{\text{Apogee OrbitalCircumference}(r=0.406\text{mkm})=2.58\text{mkm}} = 1.0725$$

### III- Discussion

The previous Data tells the idea clearly before us

Why we don't see the relativistic effects between the distances of the moon orbit?

Where these relativistic effects are seen very clear in the Equations of (II-More Data)

Because

These relativistic effects are hidden behind Pythagoras rule (I-Data)

So

When we look at the data and search for the relativistic effects we can't see them because we see Pythagoras rule control these same distances!

Why Pythagoras rule control the moon orbit different distances?

Why Pythagoras rule is found generally in any right triangle?

This question can examine more depth behind the elementary geometrical axioms

Because –as we know– that- we can't know clearly about the geometrical axioms – we know –for example- there's a Euclidean geometry in which the straight line passes by 2 points but we don't why or what does that mean!

In fact the nature has explanation why the straight line passes by 2 points – why Pythagoras rule is found? – the nature knows answers for these questions – and more geometrical studies in the solar group can help us to perform a great progress in the Geometry science

### Conclusion

- **The Geometrical Rule Is Found As A Relativistic Effect Cover**

Please Note: the moon orbit geometrical structure is so complex and we can't discuss it here please review ..

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

The Moon Orbit Triangle <http://vixra.org/abs/1901.0082>

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

Why We See the Sun Disc = the Moon Disc? <http://vixra.org/abs/1903.0322>



## 7- Earth Moon Motion

7-1 The Main questions

7-2 Earth Moon Motion

### 7-1 The Main questions

#### I-Data

(1)

$$\frac{\text{Earth Daily Motion } 2.58 \text{ mkm}}{\text{Moon Orbital Circumference } 2.41 \text{ mkm}} = 1.0725$$

(2)

$$\frac{\text{Apogee Orbital Radius } (406000 \text{ km})}{\text{Total Solar Eclipse Radius } (378500 \text{ km})} = 1.0725$$

#### I-Discussion

The basic 2 questions in the moon orbit geometry are:

- 1- Why The Moon Orbital Circumference (At Apogee Radius) = 2.58 Mkm = Earth Daily Motion = The Moon Daily Motion
- 2- Why The Moon Orbital Circumference at average radius  $r=0.384\text{mkm}$  (registered as the moon orbital distance) = 2.41=(2.58/1.0725)

To answer these 2 questions we should discuss the moon motion

Let's discuss it in following:

## 7-2 Earth Moon Motion

- The moon moves daily 2.58 mkm = Earth Daily Motion Distance (Otherwise the moon and Earth will be separated from each other)
- The moon moves with Earth in the same direction to save his motion relative to Earth
- That means the moon moves the daily distance in **straight line** as the Earth motion perfectly (declines daily 0.9856 degrees only from the horizontal)
- But This distance we see as **The Moon Orbital Circumference** at apogee radius (2.58mkm) – Why?!
- If the motion is in straight line why we see it as a circle or elliptical form?
- Because **of The Moon Effect On Our Vision**...!

## **The Moon Motion Effect on our Vision**

Planet motion isn't an ellipse as kepler told us but the moon motion effects on our vision and forces us to see all motions trajectories as ellipses

For that reason – the moon own motion – which is done in straight line with the Earth by obligatory geometrical reasons – otherwise they will be separated from each other – this same motion we see as an elliptical trajectory of Motion...

This is a crucial proof

Why?

Because if the moon moves in elliptical trajectory he will lose the Earth in the sky and will be separated from each other

i.e.

obligatory the moon has to move by Earth Velocity and in the same direction and manner !

But we don't see that – we see the moon rotates around Earth!

But this vision is mistaken.... Wrong Vision..... why because the moon doesn't separate from the Earth –

It's a real proof for my claim

### **The Claim**

**"Earth Moon Motion effects on our vision and forces us to see the planets motions trajectories as elliptical trajectories which is not true"**

i.e.

## **Planet Motion Trajectory Isn't An Ellipse**

Let's discuss that in the following

## 8-Earth Moon Motion effects on our vision

Let's summarize this idea in following:

- The planet Motion trajectory is NOT an ellipse
- Earth Moon orbital Motion effects on our vision and force us to see any planet motion trajectory as an ellipse which is untrue
- The direct observational results deceives us as in mirage vision and only by data analysis we can discover the solar group true geometry.

Let's try to prove this idea in following

### I- Data

#### Equation No. A

$$401 = (511.1/127.27)$$

Note please  $127.27 = (400/\pi) \dots$

#### Equation No. B

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

#### Equation No. C

$$\frac{118.3 \text{ Neptune axial tilt}}{127.27} = 1.0725$$

### II- Discussion

#### Equation B –

We have discussed this equation before let's remember it:

- 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  $\pi$ )

Then

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

Then

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

**Equation No. C** tells us important data –

- (1) 118.3 degrees = 28.3 degrees (Neptune axial tilt) +90 degrees - so 118.3 deg is Neptune axial tilt at vertical axis ....
- (2) Neptune axial tilt (the master value) on vertical axis is rated with the same rate with the value 127.27 ....Why?
- (3) That means the value 127.27 effects on the 4 planets axial tilts clearly and may effect on other planets by some hidden process...

What's the rate 127.27 ?

$$127.27 = (400/\pi)$$

Note please / The Sun Diameter = 400 moon diameter  
Earth Orbital Distance = 400 Earth Moon distance  
(At Eclipse Radius)...

How can we understand this data?

The moon uses the rate 127.27 to change **The Square Or Rectangle Trajectories To Be Seen As Elliptical Trajectories**

That means – we see clearly elliptical trajectory because the moon motion provides us wrong vision because of his effect on our vision

**Equation No. A**

$$401 = (511.1/127.27)$$

Where

511.1 degrees = Solar Planets Axial Tilts Total  
(Earth orbital distance / earth moon distance) = 400

And what's 401

The distance when the moon be behind the Earth in the distance between Earth and Mars – in this case the moon be far from the sun a distance =401 Earth moon distance

What does Equation A tell us ?

**All solar planets axial titles are effected by the rate 127.27 which change the square into a circle or ellipse**

For that we see the elliptical trajectory for all solar planets – because all of them are effected (because the equation uses 511.1 degrees= Solar Planets Axial Tilts Total)

### **Conclusion**

- The Moon motion daily is done by a distance = Earth motion distance daily and in the same direction with the same manner (and for that Earth and Moon don't separate from Each Other)
- We see the moon motion which is done in straight line (as similar to the Earth) in an elliptical or circular trajectory around Earth because of the moon motion effects on our vision -
- i.e. The motion is in straight line but we see it in elliptical trajectory as wrong vision caused by the moon motion effects on our vision.

## 9- Energy has different forms

### Why Energy has Different Forms?

How to answer this question...?

What does Special theory of Relativity tell us?

If 2 observers travel by the same velocity each one will see the other as matter, but if there's a difference in velocity between both =  $c$  velocity each one will see the other as light beam..

This concept is acceptable and defined by Special Theory of relativity, and there's no argument around it... So let's ask .....Why?

Why a difference in velocity ( $=c$  velocity) may change the vision from matter to light beam? What's the mechanism behind this process...?

In our mind there are electromagnetic waves, and we know that its velocity =  $c$  velocity in vacuum so if our realization process depends on these electromagnetic waves velocity ( $c$  velocity) that will make all light beams around us as matters..

(The human body electromagnetic pulses travel with very low velocity because the light velocity in liquids are slower than in vacuum. I suppose the realization process needs a vacuum in which the electromagnetic waves will restore their velocity " $c$  velocity")

That means the light velocity and human knowledge both are effective players on the universe around us

That tells us why the planet moves based on physical laws and not simply in chaos? that because the human mind and knowledge (logic and thinking) are effective players on the universe around

So if we consider the observer can separate his effect on the universe that's absolute illogical idea

Now if the electromagnetic waves are player in the human mind realization process that enable easily to have relativistic effects around the human mind regardless any velocity can be measured that because the light velocity in fact in the human mind.

Which supports my claim

Please review

Human Mind Realization Process Uses The Light Velocity

<http://vixra.org/abs/1905.0489>

Why Energy has different forms?

<http://vixra.org/abs/1812.0116>