

Earth Circumference
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Abstract

- The Energy is found alone before any Matter Creation
- A general Energy is found before the solar planets creation (I called this Energy "**The Mother Energy**")
- This mother Energy creates the solar planets matters (Mass) and orbital distances (Space)
- The Mother Energy forces the solar planet to move following her motion, So the planet follows the Energy Motion trajectory (with different rate of time)

That answers the question

- Why Earth circumference =40080 km?

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My papers http://vixra.org/author/gerges_francis_tawdrous

1- Introduction

Frequently we have asked why Earth Circumference = 40080 km?
It's not a random value....the next table may help us to see much better

Table No.1

"The Solar Planets Diameters Total Relationship With The Moon Orbit"

If Earth diameter = 12756 km, is considered to be = 1

i.e. The Earth Circumference which = 40080 km, will be just = Π

So The Following Is Correct	Error
❖ Earth Circumference = Π	-
❖ Solar Inner Planets diameter total = Π	-
❖ Moon motion free space (from perigee to apogee) (the free space without the moon diameter) = Π	1.3%
❖ Moon Perigee orbit radius = 9Π	-
❖ Solar outer planets diameters total = 9Π	-
❖ Moon orbit apogee radius = 10Π	1.2
❖ All solar planets diameters total = 10Π	1
❖ 2 Jupiter diameter + Saturn diameter = 10Π	-
❖ Saturn Circumference = 9.5Π = Moon orbit radius at total solar eclipse	-
❖ Jupiter Circumference = 11Π	1.9
❖ The Sun diameter = $11 \Pi^2$	1.2

- Earth Circumference = 5 inner planets diameters total
- 2 Neptune Circumference = outer planets diameters total (without Neptune only)

But

- Earth Mass approximately = 4 inner planets masses total
- Neptune Mass approximately = (Uranus + inner planets) Masses total

I try to show that, the previous table express deep relationships and not found by any pure coincidences....

This situation isn't specific for Earth Circumference.... Because also the moon circumference has very specie value....let's see it in following

The Moon Circumference =10921 km

- 1- 10921 km x 27.3 days = 300000 km
- 2- 10921 km x 86400 seconds = 940 mkm (Earth Orbital Circumference)
- 3- 10921 km x 449378.285 km (Jupiter Circumference) = 4900 mkm (Jupiter orbital Circumference)
- 4- 10921 km x 21364.3 km (Mars Circumference) = 233.1 mkm (Mars orbital distance)

Discussion

The previous data is an example of many others....

Equation no. 1

tells us that, if the moon rotates around his axis once daily, so in 27.3 days (the moon orbital period), the moon will move a distance = 300000km= light motion distance in 1 second...

Equation no.2

tells that, If Earth revolves around the sun one complete revolution in one day only, the moon circumference will be a distance of 1 second period of here motion so the moon circumference will work as a clock seconds pointer.

Equations 3 and 4

tells us that Jupiter and Mars define their orbital distance to the sun as a result of multiplication between each circumference with the moon one...

why the planet circumference (and diameter) has such specific values? For example Venus has very specific diameter Let's remember it here

Venus Diameter =12104 km

Table No.2 Venus Diameter * Planet Diameter= Planet Orbital Distance	Error
Venus Circumference x Π = Saturn diameter	
Venus Diameter x Mercury diameter = Mercury orbital distance	1.9%
Venus Diameter x moon diameter =Venus / Earth distance	1.4%
Venus Diameter x Earth diameter = Earth orbital distance	3.1%
Venus Diameter x Mars diameter =Mars Earth distance	4.7%
Venus Diameter x Saturn diameter =Saturn orbital distance	1.7%
Venus Circumference x Neptune Circumference = Pluto orbital distance	1.7%
Mercury diameter x Jupiter diameter =Mercury / Jupiter distance	-
(Uranus diameter) ² =Mars / Uranus distance	1.1%
Saturn radius x Neptune diameter = Saturn Neptune distance	1.7%
"-" means the error less than 1%	

Why the planet circumference or diameter has this specific values?

I'll try to answer this question for Earth Circumference....

Let's start directly...

2- Earth Circumference Story

Let's summarize the story in following:

- Earth daily motion is Energy (2.58 million km), Earth does it daily
- **On the first day**, Earth sent her daily motion energy (2.58mkm) toward the moon orbit on the horizontal axis ...
- There are relativistic effects in the space between Earth the moon caused by $v_1=0.99c$ which caused a rate = 7.1
- Earth daily energy(2.58 mkm) faced these relativistic effects, and Earth daily energy is contracted by the rate 7.1 which produces the equation $2.58 \text{ mkm} = 7.1 \times 0.363 \text{ mkm}$ (perigee radius =0.363 mkm) where the Energy stopped here!
- So Perigee radius is created firstly from Earth daily energy, but Earth energy is stopped at perigee point ($r=0.363 \text{ mkm}$) and can't move further

That's Why....

- **On the second day**, Earth sent her daily motion (2.58 mkm) toward the sun on the vertical axis.... to avoid the contraction effect
- Earth daily Energy (2.58 mkm) reaches to the sun, where the sun absorbs this energy and reflects it toward Pluto....so the Energy 2.58 mkm is sent from the sun to Pluto
- In the way Earth Daily Energy (2.58mkm) received a great effect from Uranus and sent it again toward Pluto
- Earth Daily Energy (2.58 mkm) reaches to Pluto who will send this same energy toward the moon orbit (Energy transportation process depends on $r=0.406 \text{ mkm}$)
- Earth Energy (2.58mkm) is sent from Pluto to Apogee circumference =2.58 mkm which makes apogee radius = 406000km
- Earth Energy which consist the moon apogee circumference wants to move deeper toward the Earth body, but this energy again faces the relativistic effects from the other side so the contraction is done by the rate 1.0725
- Earth Energy tried 2 times to move deeper toward the Earth body starting from apogee orbit....
 - o **In first time** the apogee circumference 2.58 mkm ($r=0.406\text{mkm}$) is contracted to produce the moon orbit average circumference 2.41 mkm ($r=0.384\text{mkm}$) and the energy is stopped here again...
 - o **In the second time** the Energy at apogee radius $r= 0.406 \text{ mkm}$ faces the relativistic effects and produce the total solar eclipse radius $r= 0.378 \text{ mkm}$ and stopped here....

But

- The moon orbit energy had to reach to Earth body to complete the process because the moon orbit is created from Earth daily motion energy, so the distance between apogee ($r=0.406$ mkm) and perigee ($r=0.363$ mkm) (which is an Energy), this distance (0.406 mkm – 0.363 mkm = 43000 km) is contracted by the rate 1.0725 mkm and reach to the Earth through Perigee point which is the only point connected with the Earth body directly
- **43000 km = 1.0725 x 40080 km (Earth Circumference =40080 km)**
- **Earth rotates around her axis daily producing this distance =40080 km = Earth Circumference That means Earth Circumference is created by this process and the previous story was related to Earth motion Energy before the matter birth.**
- That means the energy from higher points (apogee, average and total solar eclipse radiuses) will be sent to Perigee point because it is the only point is connected to the Earth directly...
- Who will carry the Energy from higher to lower points?..... The Moon....
- Now we can see why the three points are distinguish from perigee point because they receive their energy by 2 different trajectories of Energy....

This story proves we have discussed in my previous paper

Research Paper'' The Solar Day Production''

<http://vixra.org/abs/1812.0426>

or

<https://www.academia.edu/s/95094e05e0/the-solar-day-production>

or

<https://www.slideshare.net/Gergesfrancis/the-solar-day-production>

The Author other Papers

The Solar Day Production

<http://vixra.org/abs/1812.0426>

The Moon Orbital Motion

<http://vixra.org/abs/1812.0200>

Pluto Velocity Analysis

<http://vixra.org/abs/1812.0160>

The Moon Motion is A Relativistic Motion

<http://vixra.org/abs/1812.0132>

Why Energy has Different Forms?

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

"Neptune Data shows The Solar Group Geometry"

<http://vixra.org/abs/1811.0178>

Solar Planet Motion Trajectory Is A Square And Not An Ellipse

<http://vixra.org/abs/1811.0135>

Kepler 3rd Law Explanation (a Claim Against Nobel Prize Board Decision in Physics 2018)

<http://vixra.org/abs/1810.0053>

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