

## Matter Creation Principle

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The Assumption Of S. Virgin Mary -Written in Cairo – Egypt – 10<sup>th</sup> August 2019

### Abstract

#### Matter Creation Principle

The Matter is Created of Space Energy based on Lorentz length contraction phenomenon.

#### Principle Explanation:

- The matter is created of Energy as Equation  $E=mc^2$  tells us
- Space = Energy (My Hypothesis)
- Lorentz length contraction phenomenon (as relativistic effect) causes to concentrate the energy because the length contraction decreases the volume with the same energy content...
- The matter is created of energy based on quantized measurements – as we have seen in double production experiment – Gamma rays 1.2 Mev can produce electron and positron... but Gamma Rays 1 Mev can't because the matter production depends on quantized measurements
- So the Space Energy is concentrated by Length contraction effect but this concentrated Energy can't produce Matter unless the energy reach to the required quantum –

Based on this concept the solar planets are created depending on Energy of Pluto Motion Distance for 1 day –

This paper tries to prove this idea

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## 1- Introduction

The previous idea depends on Solar System General Principle.. let's review it:

### Solar System General Principle

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

### Basic Hypotheses

#### Hypothesis No.1

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

#### Hypothesis No.2

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

#### Shortly

Energy of 1 second of light motion (velocity 1.16 mkm/sec) causes Pluto to move 1 solar day.... Based on Pluto motion for one solar day the solar planets are created.. (Pluto Motion Distance Daily =406000km= Planets Diameters Total)

This is the principle...and the question is....

Why Pluto Motion? Even if this principle is correct why not any other planet motion can do this Job which Pluto does??

Because Pluto causes (or shares) in the length contraction process based on which the planets diameters are created... ..That's Why....

#### **Pluto Motion Distance Daily =406000km= Planets Diameters Total**

So the previous equation is found basically because Pluto is the basic player in solar planets creation process...

Let's discuss this idea in following...

Please Note.... The paper continuous the same discussion and that's why I don't provide methodology in this paper because it's provided in the previous paper with other discussions

Please Review

Solar System Energy Trajectory

<http://vixra.org/abs/1908.0164>

Solar System Motion Principle

<http://vixra.org/abs/1908.0126>

Solar System Geometry (Summarized Discussion Part 4)

<http://vixra.org/abs/1908.0105>

## 2- Matter Creation Principle

### I- Data

#### The Rate (71)<sup>2</sup>

(1)

$$720.7 \text{ mkm (Mercury Jupiter Distance)} = (71)^2 \times 142984 \text{ km (Jupiter Diameter)}$$

(2)

$$1205 \text{ mkm (Mars Saturn Distance)} = (71)^2 \times 2 \times 120536 \text{ km (Saturn Diameter)}$$

(3)

$$448.6 \text{ mkm (Jupiter Orbital Distance)} = (71)^2 \times 49528 \text{ km (Neptune Diameter)}$$

(4)

$$108.2 \text{ mkm (Venus Orbital Distance)} = (71)^2 \times 6792 \text{ km (Mars Diameter)}$$

(5)

$$78.3 \text{ mkm (Earth Mars Distance)} = (71)^2 \times 4879 \text{ km (Mercury Diameter)}$$

(6)

$$149.6 \text{ mkm (Earth Orbital Distance)} = (71)^2 \times 38041 \text{ km (Venus Diameter)} \times (\pi/4)$$

#### The Rate (7.1)<sup>2</sup>

(7)

$$2.57 \text{ mkm (Earth Motion daily)} = (7.1)^2 \times 51118 \text{ km (Uranus Diameter)}$$

(8)

$$120536 \text{ km (Saturn Diameter)} = (7.1)^2 \times 2390 \text{ km (Pluto Diameter)}$$

(9)

$$12 \text{ mkm (Moon Diameter)}^2 = (7.1)^2 \times 120536 \text{ km (Saturn Diameter)}$$

#### The Rate 1.0725

$$43000 \text{ km (Perigee Apogee Distance)} = 1.0725 \times 40080 \text{ km (Earth Circumference)}$$

### II- Discussion

- I have suggested that there are relativistic effects in the solar group
- These relativistic effects cause length contraction effect with different rates which are 71-7.1 and 1.0725
- Length contraction may causes matter creation **If the required quantum is completed**
- The previous data tells that clearly....

But

- The planets don't use the rates 71-7.1- 1.0725 as one model to give the same result by the same rule! That because the solar group is one building and all planets are complementary to each other that means no 2 planets do the same job for that reason the planet uses the relativistic effect rates but according to the geometrical situation in which each planet moves
- For example Earth Circumference is produced from the lunar distance from Perigee to apogee radiuses – now Earth Circumference doesn't use the double

contraction rate (squared value) but other planets use the double contraction rates – why Earth doesn't use it?? I may suggest an idea here – because the moon orbit around Earth is a place with the highest concentration of energy enabling Earth to produce her Matter (her Circumference) from direct contraction and not by the double one (It's mere idea to answer only – in fact we still need analysis because we know that Mercury is found in the highest concentrated energy area- and we have concluded that from his higher velocity- now only if Earth velocity be added to the moon velocity together to form one unified velocity... only by such way the final velocity of Earth + Moon will be higher than Mercury Velocity and that may supports the claim that the moon orbit is the highest concentrated area of energy enabling the matter to be produced by direct contraction and not by double one)

- **Let's summarize this idea to be clear as possible**

- The matter creation depends on 2 factors (1<sup>st</sup> The length contraction effect) and (2<sup>nd</sup> the matter required quantum of energy)-

But

- I have argued that – Space = Energy – but with different densities- i.e. not all space areas have the same energy density

And

- As we have discussed – length contraction effect stores energy in the area enabling to create the matter if the required quantum become completed
- The contraction in the solar group depends on different rates which are 71 -7.1 and 1.0725 and these rates are produced from 2 velocities 0.9999c and 0.99c – the rates 7.1 and 1.0725 are produced from  $v=0.99c$  but the rate 1.0725 is not produced directly but uses a complex geometrical system to transfer the value 7.1 to 1.0725 – as we have discussed before
- So the previous discussion explains how the planets matters are created

But

- Why Pluto Is So Effective In Planets Matters Creation Process?? Why solar planets are created based on Pluto motion for one day??

**Let's try to answer in following**

### 3- Pluto Effect

5040 seconds x 1.16 mkm/sec = 5846.4 million km

Pluto orbital distance = 5870 mkm

And

We know that – Jupiter sent his energy in light beam its velocity =1.16 mkm/sec toward Pluto – means Pluto already has a light beam its velocity =1.16mkm

Also

Mercury day needs 5040 seconds to make his day period = 176 solar days

And we know that

$$(71)^2 = 5041$$

**The Solar System General Principle** tells us that a light beam with velocity 1.16mkm moves for 1 second – by this motion – Pluto moves for 1 solar day

And we have seen that the rate  $((1.16/0.406) = A)$  controls the solar planets basic data

How can we understand that?

5041 is the number but we see it as 5040 seconds in Mercury....!

So

1 second of light motion (1.16mkm) causes Pluto to move a solar day (0.406mkm)

$$5041-1 = 5040$$

Mercury needs 5040 seconds.... What does that mean??

Pluto is a basic player in the contraction process (by rate  $71^2=5041$ ) based on this contraction Pluto receives energy of light motion for 1 second (velocity 1.16mkm) and Mercury losses 5040 seconds to define Pluto orbital distance

#### Shortly

Pluto is a basic player in the length contraction process based on which the solar planets diameters are created – Pluto is responsible for the rate  $(71)^2$  but almost all rates depend on each other means Pluto is responsible for all planets diameters creation that's why Pluto motion daily =406000km = planets diameter total...

#### Note Please

This discussion is a summary only – where we need to extend this discussion widely

For example

5040 seconds x 1.16 mkm = 5846.4 million km – this value doesn't equal Pluto orbital distance 5870 mkm – the different isn't error in measurement but the difference =23.6 mkm =23.6 degrees = outer planet orbital inclinations total – we can't discuss it here – Please review

Space Has Different Densities of Energy

<http://vixra.org/abs/1901.0107>

Vacuum Energy Theory

<http://vixra.org/abs/1901.0163>

Why Energy has different forms?

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