The Big Bang Is A Mystery (SR proves)

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Abstract

Paper Hypothesis

The Universe Is A Continuum

Explanation

Question no. 1

If the universe is a continuum why that disprove the big bang concept?

Because – in this case – the universe will no longer be created by some random process otherwise it can't be a continuum – to be a continuum its components should be created complementary to each other to consist together one continuum

Question no. 2

Why does the Special theory of relativity prove that the universe is a continuum?

Einstein told that Space-time is a continuum but he didn't tell that the universe is a continuum- Space-time is coordinates consist one continuum because it's coordinates –means – the time and distance values are defined by the point position in space-time – So when Einstein told the Space-time is a continuum he didn't effect on the universe geometry itself – he simply provided a new geometry to define the coordinates

But

When we accept the hypothesis that – the universe is a continuum - that means -we accept that the particle properties are defined by coordinates!

Specifically – that means – Particle Mass will be defined as time and distance in the space-time coordinates! But particle mass is a particle property and can't be defined by any coordinates! We have 2 different visions here!

But … in fact ....the particle high velocity motion changes its time, length and **MASS** So, simply if the mass can be added to the space-time and defined as particle coordinates – so the special theory of relativity disproves the big bang theory

Otherwise –it can't …. In this paper I try to prove that – practical mass is defined as distance & time values – all of them are space-time coordinates – that proves the hypothesis – the universe is a continuum – and disproves the big bang theory

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1- Introduction

"The Universe Is A Continuum, disproving The Big Bang Theory"
Let's consider this meaning in following….
The big bang concept tells that – some random process was found behind the universe matter creation – as in any explosion- after it you can't find any rock in accurate triangle or square form– simply you find deformed pieces of rocks –

So if we find rocks in accurate triangles or squares forms we may have doubt if any explosion is done here – now if the accurate triangle was very suitable to be a half of the accurate square, both are found after explosion – we may conclude that the explosion idea itself is mistaken

This is the first conclusion we have from the total solar eclipse-
Why we see the sun disc = the moon disc? Because
(the sun diameter/ the moon diameter) = (earth orbital distance/ earth moon distance)
Why the diameters rate = the distances rate? Many similar examples can be provided

Simply – the big bang concept is mistaken and even not supported by any thing in the universe – it's mere imagination has no any roots-

Example (2)
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)

Earth, Moon and moon orbit motions are in harmony with each other..!

The big bang basic description is mistaken –no planet is found independently from the others – no cycle is done independently from others –
Simply the universe talks a language contradicts directly the big bang concept – the universe tells that I'm continuum- any planet is created depending on other planets – any motion is done by of other motions – I'm one body –as any creature body – its hand is connected by its leg and the eyes are related to the head -
Simply planets data are created complementary to each other –the previous examples are few of hundreds can be added here – disproving clearly the big bang theory

But we have here another fighting point – because if the universe is a continuum that necessitates to use the particle mass in space-time coordinates – the mass will no longer be property of particle – instead it will be result of coordinates!
Clearly – that will change the basic vision – The Particle Properties Will Be Defined As Its Coordinates In Space-time
W can see the difficulties against such claim and the effective results of it
Let's divide this paper into 2 points
Point No. 3 – will provide more data proving that the universe is continuum
Point No. 4 – we should discuss in more details SR Basics to see if there's a way to use the particle mass as similar to its distance and time coordinates!

2- Methodology (Methodology Is Repeated In All My Papers) It's written in
Why Don't We Understand The Solar System Geometry? http://vixra.org/abs/1911.0018

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3- The Universe is a continuum

3-1 Planets orbital and internal distances discussion

3-2 Planets diameters discussion

3-3 Earth Circumference discussion

3-4 Mars / Mercury Diameters Rate

3-1 Planets Orbital And Internal Distances Prove That

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

= 2 Mercury Jupiter Distance

= Pluto Eccentricity Distance

- Jupiter Pluto Distance = Uranus Neptune Circumference

- Earth Neptune Distance = Mercury Saturn Circumference (Error 0.5%)

- Jupiter Uranus Distance = Jupiter Saturn Circumference   (Error 1.5%)

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

Why These Distances Are Equal?

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Group No. 2

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

Why These Distances Are Not Equal?

II- Discussion

I have supposed that the rate 1.0725 is found by Lorentz Length Contraction – regardless if this hypothesis is a real one or not –

The data tells clearly that there's some reason to make 30 distances are equal and 18 distances are rated to each other by 1.0725 (the solar group distances total =45)

We simply here deal with a general system and not a separated points independent from each other – if the planet orbital and internal distances are defined by gravity – that means these distance should be relative to its mass and not to each other because the planets masses don't show this dependency between each other

The conclusion is logical and so clear – these distances are created depending on each other which can be done only in one general system

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These Distances Equality:

Let's ask

Why These Distances (Groups No.1) Are Equal?

And

Why The Others (Group No.2) Aren't?

I have a suggested answer let's write it in following?

Because

These All Distances Are Light Beams Reflected To Ach Other – That Explains How The Universe Can Be Continuum

But

The distances in Group no. 2 –
These distances are 2 types of distances –half of them pass through another frame – because we deal with light motions – and because of their passing through another frame they suffered from length contraction effect with rate 1.0725

The distances rest half didn't pass through this frame – and they didn't suffer from any length contraction effect –

That produces the rate 1.0725 which we see in the previous data, this rate is found by relativistic effects… How?
Velocity v=0.99c will produce a length contraction effect with rate =7.1
So

$$\frac{7.1}{100} + 1 = 1.0725$$

The rate 1.0725 depends on the high velocity v=0.99c

But the rate isn't used directly but used by some complex geometrical process..

So the previous distances tells that –

The Planets Motions Are Equivalent To Light Motions

And that's the claim which I try to prove

Let's see the rate 1.0725 in one new equation to be sure that this rate is found as a general effect in the solar group and not specific for any planet…

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Planets Axial Tilts

Equation No. (I)

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

II-Discussion

How to explain Equation No. (I)? Let's try to do that in following:

(I claim 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)

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

A Comment

I try to show that the rate 1.0725 effects deeply in a general form – it's a rate not related to any specific planet or any specific distance –
As the data tells us – the rate using is repeated so widely through the solar system – which needs a deep vision to know how this data is created –
The big bang theory has no meaning here because we deal with a geometrical system and there's no any effect of explosion or random behavior – we here simply deal with a geometrical structure is build by a geometrical mind and based geometrical rules – disproving the big bang concept

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3-2 Planets Diameters Discussion

I-Data

Table No.1	No Error More Than 1.5%
Relationship	Rate
Earth Diameter / Venus Diameter =	A
= Mars Diameter / Earth Radius	
Mars Diameter / Venus Radius =	A2
= Venus Diameter / Moon Circumference=	
= Moon Radius * Π/ Mercury Diameter =	
= Pluto Circumference / Mars Diameter=	
=Uranus Circumference / Jupiter Diameter =	
= lunar apogee radius /lunar perigee radius =	
Pluto Circumference / Earth Radius =	A3
=Mercury Circumference / Earth Diameter =	
= Earth Diameter / Moon Circumference=	
= Uranus Radius / Mars Circumference =	
= Jupiter Diameter / Saturn Diameter=	
= Saturn diameter / Uranus Diameter=	
Venus Radius / Mercury Diameter=	A4
= Uranus Diameter / Earth Circumference=	
Uranus Diameter / Venus Circumference=	A5
Jupiter Radius / Uranus Diameter=	A6
= Mercury Diameter / Moon Diameter	
=Mars Diameter / Mercury Diameter=	

II-Discussion

By explosion the random process will create the planets diameters relative to each other as this table show – is it possible?!

NOT – It's impossible clearly

So the total solar eclipse which is found because we see the sun disc = the moon disc was not the only miracle in the solar system – the sun diameter is created relative to the moon diameter! This miracles repeated simply with all planets diameters as we see

The creation force of the solar planets is a geometrical force and created each planet based on geometrical rule and for geometrical job –

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3-3 Earth Circumference discussion

I-Data

Table No. 2		
"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) **= Π** (the free space without the moon diameter)		1.3%
❖ Moon Perigee orbit radius	**= 9 Π**	-
❖ Solar outer planets diameters total	**= 9 Π**	-
❖ Moon orbit apogee radius	**=10 Π**	1.2
❖ All solar planets diameters total	**=10 Π**	1
❖ **2** Jupiter diameter + Saturn diameter	**=10 Π**	-
❖ Saturn Circumference = Moon orbit radius at total solar eclipse	**= 9.5Π**	-
❖ Jupiter Circumference	**=11 Π**	1.9
❖ The Sun diameter	**=11 Π^2**	1.2

II-Discussion

Again we deal here with a geometrical structure which uses Earth circumference as a measurement for different distances - that explains how this table is found

When we have asked why we see the sun disc = the moon disc? The answer was a long historical story about the moon creation- simply we should believe it! why?
A historical story has no proof and will disprove the data which is available now why I have to believe this story?

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3-4 Mars / Mercury Diameters Rate
I-Data

The following table is one Equation only…

Table No. 3 (**The Rate =1.404**)	Rate	Error
Diameters		
Jupiter Radius /Uranus Diameter	1.3985	
Mercury Diameter /Moon Diameter	1.404	0
Mars Radius /Pluto Diameter	1.42	1.2%
Mars Diameter /Mercury Diameter	1.392	0.8%
Saturn Radius /43000 km	1.401	
Solar Planets diameters total / 2 Jupiter diameters	1.419	1%
9000 km (lunar umbra breadth) /6378 km Earth Radius	1.411	0.5 %
Masses		
Solar Planets Masses total /Jupiter Mass	1.405	
Velocities		
Saturn Velocity /Uranus Velocity	1.4263	1.56%
1.16 mkm/s (light supposed velocity)/ Saturn velocity daily (0.838mkm/day) =1.3842	1.3842	1.4 %
(2.082 mkm/ daily) Mars Velocity daily / 1.16 mkm/s (light supposed velocity)/	1.8	
Distances		
Earth orbital circumference /Venus Jupiter Distance	1.404	0
Mercury Mars Distance /Venus Mars Distance	1.42	1%
Venus Orbital Distance /Earth Mars Distance	1.3818	1.6%
Mercury Orbital Distance /Venus Earth Distance	**1.442**	**2.6%**
Jupiter Orbital Distance / Mars Jupiter Distance	1.413	0.7%
2 Mars Jupiter Distances /Jupiter Orbital Distance	1.413	0.7%
Mars Neptune Distance / Saturn Neptune Distance	1.3937	0.7%
Pluto Orbital Distance / 2 Jupiter Uranus Distances	1.4142	0.7%
Pluto Orbital Distance / Mars Neptune Distance	1.384	1.4%
Mars Uranus Distance /Jupiter Neptune Distance	1.384	1.4%
Uranus Orbital Distance /Uranus Jupiter Distance	1.3717	2.2%
Jupiter Pluto Distance /Jupiter Neptune Distance	**1.3699**	**2.5 %**
Degrees		
Saturn Orbital Inclination /Neptune Orbital Inclination	1.388	1%
Neptune Orbital Inclination /Jupiter Orbital Inclination	1.384	1.4 %
Planets axial tilts total 511.1deg /360 degrees	1.4197	1%
327.6 degrees /232.7 degrees (inner axial tilts total)	1.4078	0.2%
3 Π (degrees) / 6.7 deg. Moon axial tilt		
Π^2 degrees / 7 deg. Mercury Orbital Inclination	1.41	0.5%

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I-Discussion

I wish I support my claim as possible

The big bang basic vision simply is wrong
We deal with one building – one machine – one body –
So we find general effects through this whole system– as the previous rate 1.4

I don't know why these values are rated to each by this same rate =1.4
But that means these values are not independent from each other
Which proves that, we deal with one machine uses one geometrical rule repeating

How this data is created relative to each other? I don't know!
But
Why Jupiter diameter =142984 km?
Because we don't know how the matter is created- for that reason – we don't know how this data is created relative to each other –

I can conclude only that – there's a geometrical reason behind

But even we don't reach to this geometrical reason yet – the data disproves the big bang concept which depends on the random process

We here deal with some maker creates the planets data according to geometrical rules – he does that – because he wants to use the produced planets in some specific geometrical job and because we don't know this job we can't reach to the importance of this data
As similar as the eclipse phenomenon which we see but don't know what's its effect on the solar system geometry

Let's explain that in more deep
In labs we created experiments to discover the nature laws – after hundreds of years of experiments using – Einstein came and told us that we can't understand the time and distance values which we measure in the labs because we have wrong definitions in our minds concerning them
I try to show how weak is our knowledge by which we try to discover the universe around –that's why we see the data and don't understand how its created or what's its geometrical significance…
The previous discussion can show simply how the big bang concept is unsuitable for the universe nor supported by any fact
Now let's discuss our difficult question – if the particle mass can be defined based on its space-time coordinates…

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4- The Relativistic Mass Discussion

The argument is clear …. I claim the following idea:

- **The Particle Properties Are Created As A Result Of Its Motion …**

- **Means, The Particle Properties Are Function In Its Motion**

- **Specifically, Particle Mass Is Created As A Function In Its Motion**

I conclude these ideas from Lorentz Transformation…

3-1 Preface

$$m = \frac{m_0}{\sqrt{1 - (v^2/c^2)}}$$

$$T = \frac{T_0}{\sqrt{1 - (v^2/c^2)}}$$

$$\gamma = \frac{1}{\sqrt{1 - (v^2/c^2)}}$$

Particle time, distance, length and Mass all of them are changed by motion with high velocity –
Einstein used particle distance and time to create the space-time coordinates
Particle mass and length can't be contained in this new coordinates because we know that Mass and length are particle own properties but time and space are just coordinates define the particle position is space and time
Simply they are different…
Particle time and distance are different from particle mass and length ….spite of that lorentz transformation use them without any distinguish –
In the equations we can't see why or how length and mass are different from distance and time – all these parameters are treated in similar equations without any distinguish!

The conclusion is…. Particle properties are created as function of its motion

$E=mc^2$ disproves this conclusion – because this equation has no velocity –
i.e.
Particle motion velocity (v) is not found in this Equation – and that means – this energy is the particle energy in static before any motion!
Means, **particle properties don't depend on its motion**

How to find agreement point here? how to solve this dilemma?
The previous data discussion tell us that the universe is a continuum and the planet mass (particle mass) is found as a function of its motion – so the difficulty is found with the Equation …..$E=mc^2$

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This equation should have the particle velocity in hidden way !!

Let's ask one imaginary question…

imagine we tried to accelerate a positron to increase its mass – imagine we increased its mass to be equal a proton mass

now we have 2 players – the original proton and the postern which becomes have a proton mass – what will happen for this positron – does it will behave as proton where it has the required mass – or the positron will leave this suitable environment for it to return to his original state and loss the energy

this experiment can help us to answer the question if the particle mass is found independently or found depending on particle motion

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