Dialogues between two universes

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ABSTRACT:

I. Accelerating aspects can follow General relativity?

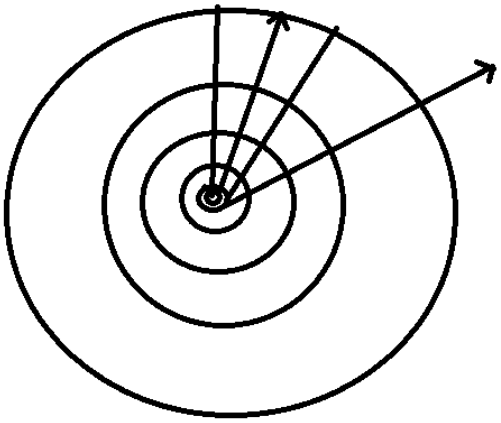
II. Dialogues between:

1. **Acceleration by dark energy and Acceleration by gravitation**
2. **Expanding Universe and Rotating Universe**
3. **Finite space and infinite space**

Accelerating aspects can follow General relativity?

According to General Relativity (GR), acceleration accepted only in curved path. But this universe Acceleration follows a strait path from a centre. Thus everything in this universe moves with Acceleration in straight path. Thus GR not applied to any thing in this universe.

This acceleration shows a curved path?



ACCELERATING EXPANSION ON STRAIT PATH

INFLUENCE OF THE DARK ENERGY vs. GRAVITATIONAL INFLUENCE

When we observe the history of the universe, first galaxies formed. After wards the formation of galaxies, galaxy clusters are formed.

The gravitational interaction among the galaxies not decreased even though this universe is expanding. The expanding factor dark energy can not show any influence of that gravitational interaction among the galaxies even though the dark energy gradually increases with the accelerating .The rate of gravitational interaction among the galaxies in the forming of clusters is not decreased because of enhancing dark energy. No influence of the dark energy not shown at any stage or at any rate on the clusters forming. This means the dark energy cannot influence on any single galaxy in previous time and now also. Then galaxy clusters also cannot be influenced by dark energy which can't influence on single galaxy. This means that dark energy or accelerating expansion not work against gravity.

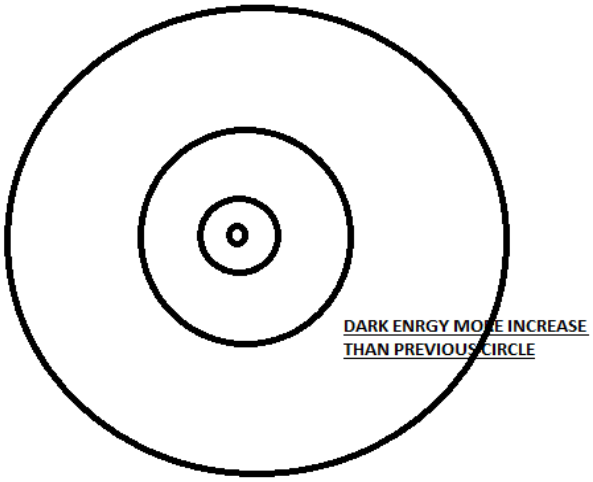
THIS RATE OF GALAXY CLUSTERS FORMATION NOT SUPPORTS THE DARK ENERGY AND ACCELERATING EXPANSION.

DARK ENERGY / COSMIC CONSTANT NOT A PHYSICAL LAW

Various driving aspects: General relativity for planet level, dark matter for galaxy rotation, Dark Energy for acceleration, quantum fluctuation for inflation – But there is unity in this universe.
This means there is unity in physical laws
When all other physical laws related to gravity, they should work with the co ordination -with The interaction – Gravitation. There is no coordination among them, then we don't consider that as a Physical law.

General relativity or any physical law shows energy conservation or equilibrium. But the Hypothetical dark energy cannot follow any energy conservation or equilibrium. Space to spread with acceleration, consume dark energy and that enhanced space create MORE DARK ENERGY THAN CONSUMED DARK ENERGY LOW. which is not physical law. CUNSUMPTION AND HIGH GENERATION OF DARK ENERGY! How can GR allow this disequilibrium? All aspects in this universe are participants. All follow correlated physical laws. If there is no correlation among physical laws, All aspects cannot work together with coordination. Then this universe will be divided into various parts. COSMIC COSTANT indicates hypothetical energy such as dark energy. Thus cosmic constant can not be coordinated to other physical laws. So Cosmic constant is not a physical law. It is not a part also in The General relativity. Only to keep this universe static, This is introduced additionally. Why or How is that cosmic constant applied to this acceleration. Then scientifically this acceleration not explained on The basis of cosmic constant
DARK ENERGY INCREASING WITH TIME OR ACCELERATING SPACE NOT OBAY ENERGY CONSERVATION, BY LOW DARK ENERGY CONSUMED AND HIGH OR MORE DARK ENERGY CREATED IN SPACE ACCELERATING EXPANSION.
General relativity reveals energy conservation and accelerating expansion spoil the co ordination between space and time.

BELOW PICTURE SHOWS **MORE DARK ENERGY CREATION BY** CONSUMPTION OF **LESSER DARK ENERGY:**



DARK ENERGY INCREASING FOLLOWING ACCELERATION

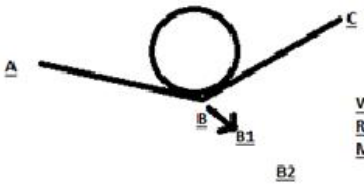
Can the movements of stars and planets follow space-time field?

What happened really when the sun disappear?

Space time curvature influences the pass of information?

CAN PASS OF INFORMATION FOLLOW SPACE – TIME?

A STAR MOVING FROM B TO B1

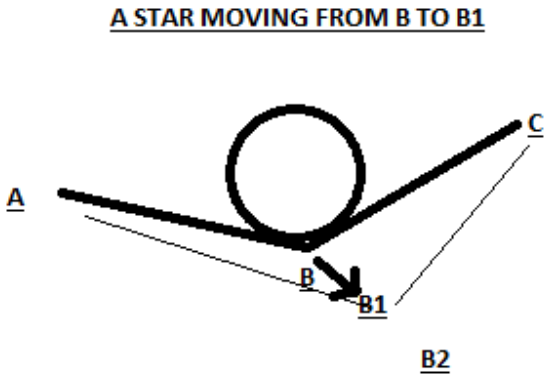


B2

WITHOUT ANY INFORMATION NOT REACHED TO A AND C, THE STAR CAN NOT MOVE FROM B TO B1

CORELATION AMONG A, B, AND C OF THE SPACE-TIME FIELD

THE INFORMATION TO REACH TO A AND C FROM B IF MORE TIME TAKEN THAN THE INFORMATION REACHED FROM B TO B1 THEN WHAT HAPPEN? WITHOUT INFORMATION TO A AND C, CAN THE STAR MOVE FROM B TO B1?



THIS CORELATION OF INFORMATION AMONG A,B AND C REVEALS : INFORMATION CAN NOT SPREAD WITH EQUAL VELOCITY IN ALL DIRECTIONS. IF THE STAR MOVES AT THE SPEED OF LIGHT, ONLY WHEN THE INFORMATION CAN REACH AT THE SPEED OVER
THAN SPEED OF LIGHT - FROM B TO A AND C

The dot B(star) move to B1, without the information of moving to A and C, The star cannot move from B to B1. When the star move in a space time field , the information from B should reach at the same time to A, C. **The speed of information while traveling from B to B1 is less than the speed of information from B to A and C. This means that information spread with different speeds in all directions.**

When information cannot spread with equal velocity in all directions that means the information can not follow SPACE-TIME CORRELATION. THUS THE STAR TO MOVE CANNOT FOLLOW SPACE –TIME CORRELATION. THUS GENERAL RELATIVITY CAN NOT FORM SPACE TIME GRAVITATION.

Actually in that field, all dots get information at the same time. Information not traveling from one dot to another in that field because along with the field, the star moves. Actually in that field, all dots get information at the same time. Then All that dots have same time. Thus at various space dots not have various times in that field. This is against General Relativity. This field is not formed with space time.

WHEN SUN DISAPPEAR what happened really in relativity:

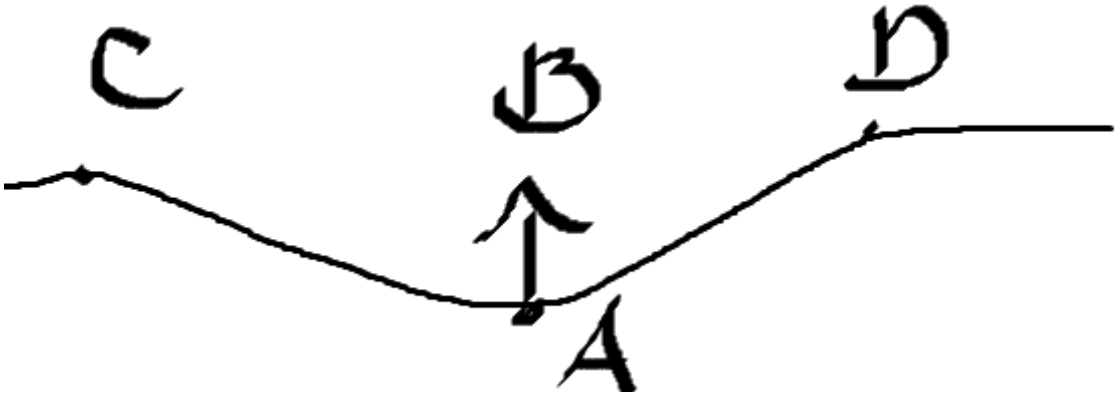
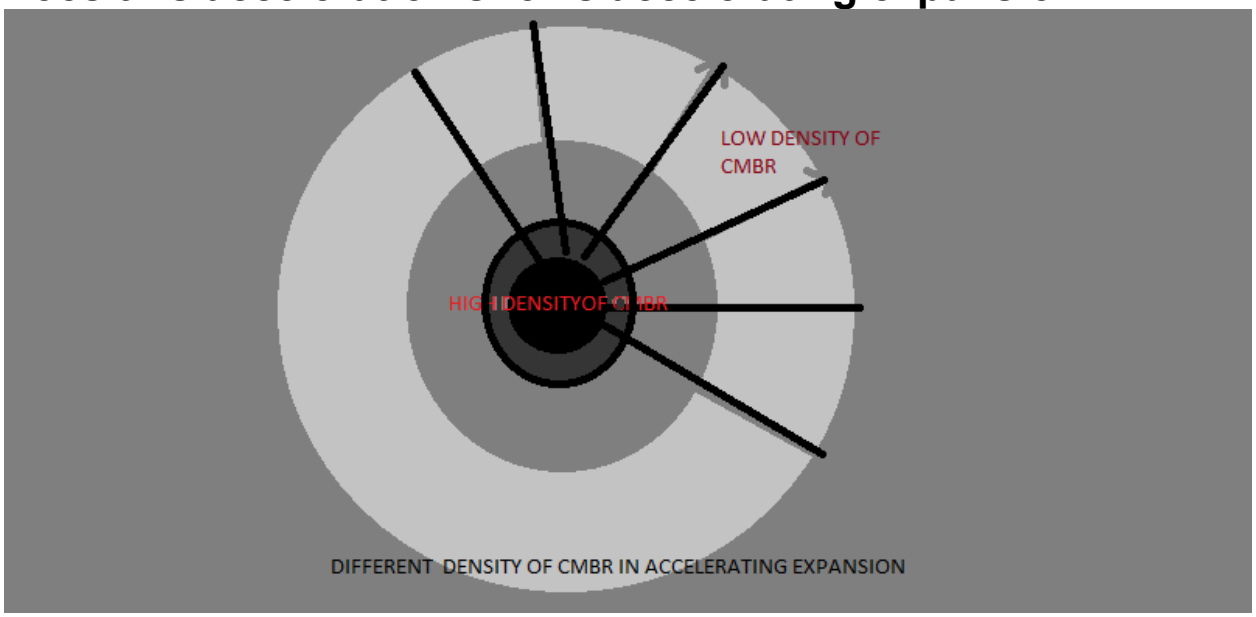


Figure 1 the movements in curvature of space time after the sun disappear

How the curve `A' can move upside towards `B'?
The movement of `A' is not individual.

The dot `A' has to move upside towards `B' after sun disappearing. **WITHOUT CHANGING IN THE ANGLES BETWEEN `A' - `C' OR `A' - `D', CAN `A' MOVE UPSIDE TOWARDS `B'?**
The movement of `A' towards upside cause **immediate** change in the angle of `A'-`C' and `A'-`D'.
The distance between `A' and `B' is very shorter than the distance between `A' and `C' or `A and `D'.
EVEN THOUGH `A` MOVES TOWARDS `B' AT LOWER SPEED THAN THE SPEED OF LIGHT, THE INFORMATION OF THE SUN DISAPPEARANCE CAN REACH THE EARTH (A – C OR A – D) AT SPEED
HIGHER THAN THE SPEED OF LIGHT AND THE INFORMATIO NOT RUN AT CONSTANT (SAME) VELOCITY IN ALL DIRECTIONS. THERE IS NO CORELATION BETWEEN SPACE AND TIME. THUS THE GENARAL RELATIVE THEORY COLLAPSES ON ITSELF.

Can Accelerating Expansion for 2 or 5 billion years change CMBR at any where?
Does this acceleration shows accelerating expansion?



In 80s Inflation theory introduce to explain why CMB looks same or average spread throughout this universe by arguing after inflation the rate of expansion is very low. But in 1998, acceleration found. It is considerable. Then CMB should not be evenly spread throughout this universe. Accelerating Expansion should cause decreasing density of CMBR with time and acceleration. But not observed that decreased density of CMBR at any where. How can we explain this same CMB even though this universe expanding with acceleration?

The same CMBR reveals that Acceleration is observable truth but accelerating expansion not truth.

Dialogues between :

1.Acceleration by dark energy and Acceleration by gravitation
2. Expanding Universe and Rotating Universe
3. Finite space and infinite space

How can we say this space is limited?

Aristotle proposes an Earth-centered universe in which the Earth is stationary and the cosmos (or universe) is finite in extent. **3rd century BCE** — Aristarchus of Samos proposes a Sun centered universe. Now if our universe is single, in other words this Universe is at centre.
Is there more space out of this Universe?. Aristotle and Aristarchus estimate this space is limit. The same wrong this Big Bang theory did. If space is infinite, What is the situation of General relativity? Singularity, cosmic inflation, accelerating expansion anything General Relativity not support them. Then what is the meaning in saying that General Relativity (GR) predicts a begging of space –time. If so, GR consider the space is limited. Thus there are no other Universes. Inflation theory and accelerating expansion spoil the coordination between space and time. Then What is the meaning in saying that this space is limit or it it is creating according to GR. How can we say this space limited?

AVERAGE DISTRIBUTION OF MASS:

If there is no gravitational interaction among the super clusters, This accelerating expanding looks evenly in all directions?
The dark energy show its influence over small and big clusters or super clusters with out any discrimination?(observations not show that discrimination)
IF there is gravitational interaction, This Universe will rotate itself because of that interaction.
If that interactional influence among galaxies, galaxy clusters and super clusters is nearly same, When there is no space expansion among galaxies in cluster and in galaxy clusters, that influence can cause the same no expansion among super clusters. Then what is the meaning of RED SHIFT and ACCELERATION?

Gravitation makes things rotating.
Earth rotates, Stars rotate, Galaxies rotate, super clusters may rotate it selves… THERE IS CHANCE TO THIS WHOLE UNIVERSE ROTATES ITSELF?
Average(equal) distribution of mass gives the opportunity
Because of average or equal distribution of mass, Stars get together as galaxies. The

formation of galaxies not spoil the equal distribution or nearly equal of their influence

circumference.
After stars become together as a galaxy, The galaxy show its influence at large scale distance.
Thus distant galaxies become together as galaxy cluster. Even though the distance is vary long , the clusters show the influence up to a vary long distance because of not individually as a group of clusters together show their influence such as single galaxy not interact with anothersingle galaxy. Group of galaxies intracting another group of galaxies. Thus galaxy cluster formed. Thus clusters lead to super clusters. This total evolution
says that there is gravitational interaction among the super clusters.

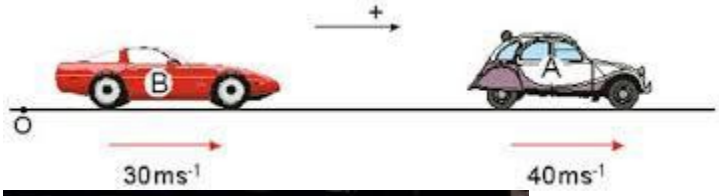
THIS GRAVITATIONAL INTERACTION MAKES THE WHOLE UNIVERSE ROTATES ITSELF. THE ROTATING UNIVERSE REVEALS: 1.WHY ACCELERATION SHOWN IN THIS UNIVERSE 2.RED SHIHT 3.WHY EQUAL DISTRIBUTION OF CMBR EVEN THOUGH IN ACCELERATING UNIVERSE 4.UNDER GRAVITATIONAL UNITY THIS UNIVERSE WORKS WITH OUT DIFFERENT CONCEPTS SUCH AS DARK ENERGY, DARK MATTER, INFLATION, SINGULARITY –(ALL THESE ASPECTS NOT SUPPORT BY ANY PHYSICAL LAW. SO THEY ARE ONLY HYPOTHETICAL SPECULATION) 5.INFINITE SPACE

ACCELERTION BY ROTATING UNIVERSE BECAUSE OF GRAVITION

Gravitational interaction among super clusters made this universe rotate itself. That rotation causes ACCELERATION OF GALAXY CLUSTERS.
'Unlike clusters, most super clusters are not bound together by gravity. The component clusters are generally shifting away from each other due to the Hubble flow.' This is wrong conclusion .

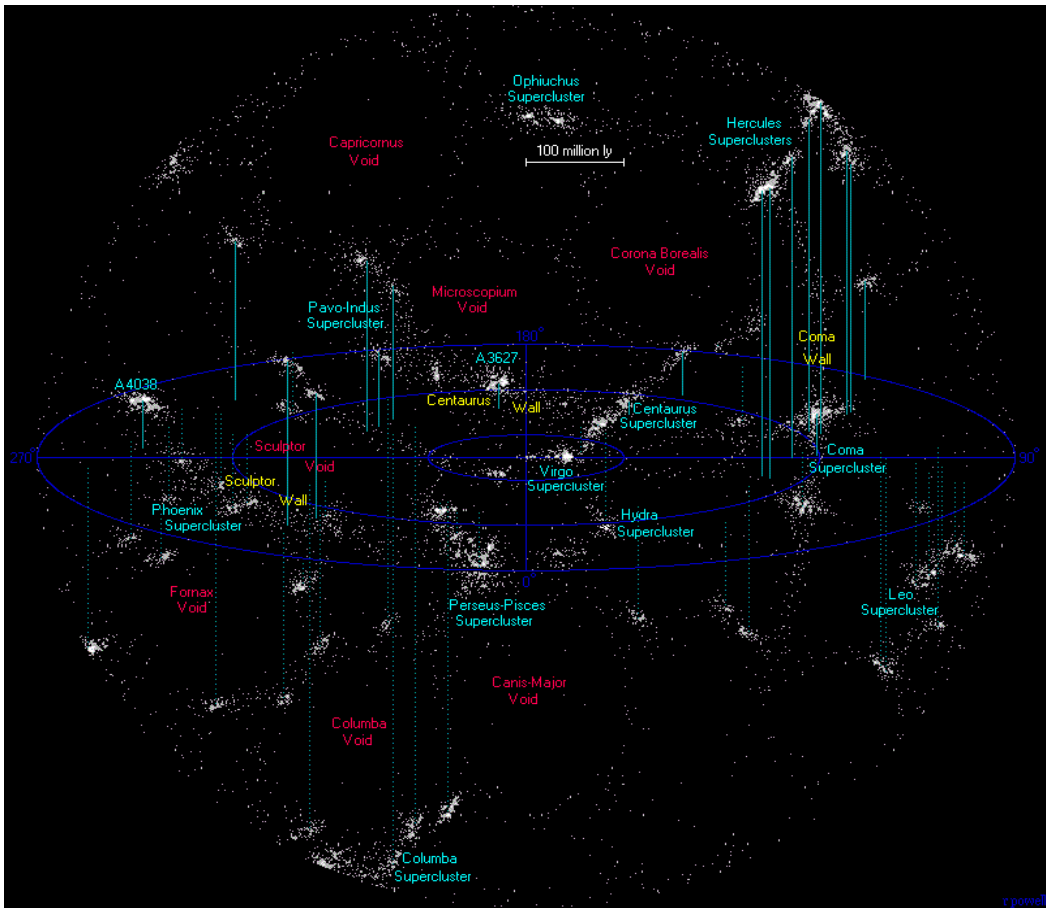
RED SHIFT actually shown because of RELATIVE ACCELERATION. RELATIVE ACCELERATION BECAUESE OF ROTATING GRAVITATION.
SO THE HUBBLE EFFECT ACTUALLY BECAUSE OF GRAVITTIONAL ACCELERATION.

THIS MEANS
AMONG THE SUPER CLUSTERS, THERE IS GRAVITATIONAL INTERACTION.
THIS GRAVITATIONAL INTERACTION MAKES THE WHOLE UNIVERSE ROTATES ITSELF.
The relative Acceleration show RED SHIFT



DIFFERENT VELOCITIES IN A CURVED PATH SHOW DIFFERENT ACCELERATIONS. THUS THE RELATIVE ACCELERATIONS SHOW RELATIVE RED SHIFTS

VARIOUS PATHS STAND FOR VARIOUS ACCELERATIONS LIKE IN A PLANETARY SYSTUM.THIS ACCELERATION BECAUSE OF ROTATING UNIVERSE.



Gravitational interaction among super clusters made this universe rotate itself. That rotation causes ACCELERATION OF GALAXY CLUSTERS.

WHAT PREDICTIONS/OBSERVATIONS CONFIRM ROTATING UNIVERSE BY GRAVITATIONAL INTERACTION:

1. SAME ACCELERATION RATE OF SAME GALAXY CLUSTER RELATIVELY TO US -NOT CHANGE WITH TIME: Present acceleration by dark energy should shows various acceleration rates of SAME galaxy clusters increasing WITH TIME throughout the universe. But actually acceleration **rates** of SAME galaxy clusters **NOT change WITH TIME**. In other words, same galaxy or same galaxy cluster shows same acceleration rate to us relatively not change with time.

This un changeable acceleration rate of same galaxy cluster is the main feature of ROTATING UNIVERSE NOT FOR EXPANDING UNIVERSE.

2. **DISTANCE INCREASE GRADUALLY BETWEEN TWO GALAXIE CLUSTERS IN CURVED SHAPE OF V AS** SHOWN BELOW

NOT AS: PERFECT V SHAPE. THIS V SHAPE SHOWN IN ONLY EXPANDING UNIVERSE.

3.SAME COSMIC MICRO WAVE BACK GROUND RADIATION – CMBR:

Accelerating expansion makes the role of cosmic inflation decline in saying Why CMBR looks same anywhere in this universe.

In 1998, acceleration found. It is considerable. Then CMB should not be evenly spread throughout this universe. Accelerating Expansion should cause decreasing density of CMBR with time and acceleration. But not observed that decreased density of CMBR at any where. How can we explain this same CMB even though this universe expanding with acceleration?

The same CMBR reveals that Acceleration is observable truth but accelerating expansion not truth.

ONLY ROTATING UNIVERSE REVEALS THE SAME CMBR DISTRIBUTION.

Gravitational interaction makes this universe rotates. After starting rotating, the size of the universe or gravitational bound same – not change. So gravitational interaction makes CMBR same nearly at any where.

OTHER CONSEQUENCES:

- This Universe has its edge and limit in shape.
- Space and Universe not same equal words. This Universe has Limit but space has no limit. Because Space means nothing. So the limit of Noting is also nothing. Directions, dimensions, shape, circumference all of nothing is nothing. Nothing can not interact with any thing. In the same way anything can not interact with Nothing. Thus space is infinite. General relativity cannot establish coordination between space and time in rotating universe and infinite space.
- We cannot calculate the origin date of our Universe. That scale of consequences longer than Big Bang Theory.
- This acceleration at distant can overcome `c' but we can receive the information because that distant Galaxy not run away from us only it run around the centre of Rotating Universe.

THE LIMIT OF PHYSICS

Can Physics or Physical laws explain the origin of this universe?

1. Physics is nothing but Physical laws. What really these Physical laws reveals?- The interactions (evolutions) 0f EXISTING ASPECTS. Thus Physics can not work with not existing aspects or NOTHINGS. Thus Physics cannot explain any creation from nothing. This is the limit of Physics. Physical laws at Singularity, cosmic inflation and accelerating expansion not work. This means Physical laws not support them. Their status is fiction or speculative.

2. At Singularity, There is zero space and zero time. Then is singularity a structure or a incident? If with the big bang space and time start, why or how general relativity allow inflation which spoil the relation between space and time by spread with the speed than C?

3. Quantum mechanics depends upon Electromagnetism and atomic or quantum field. Without electromagnetism there is no quantum physics. Well established Electromagnetism established at the stage of big bang? If not, How quantum fluctuation applied to big bang or Inflation? Without quantum or atomic field, Can be quantum mechanics or fluctuation applied in nothing?

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