

The Theory of Real Space-Time Integration

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Abstract: *“The origin of universe” was unsolved mystery from many decades. Many theories were proposed before, like big bang theory which was most accepted theory but still it couldn't define exactly from where or who is the creator of this universe. To understand and solve this mystery a multidisciplinary approach is needed. It is not only concerned with physics or mathematics but also mind philosophy played major role in it. Title itself explains integration of real space and real time which leads into matter, energy and black hole. To understand it, first of all we need to know our own understanding process i.e. perception. This theory starts with perception then rebuilds few scientific terminologies about time and space. In the end of this theory explains about emergent and symbiotic nature of universe and its origin. According to this theory “Universe is emergent and symbiotic by inheritance”.*

Keywords: Cosmology, The origin of universe, Real space-time integration, Difference between zero & nothing

1. Introduction

“The origin of universe” was unsolved mystery from many decades. In past many theories proposed to solve this mystery, one of them is big bang theory which was most accepted theory but still it couldn't define exactly origin and creator of this universe. According to religion, “God created us”, only this sentence can't be right because every other religious story failed to prove it. Scientist should not believe this as science accepts the things which have been proven and reject those which has imaginary base. Now, why do they fail to solve this mystery? Their approach was especially unidirectional. As it is not only concerned with Physics, Mathematics or Chemistry it's also concerned with mind philosophy. Let's solve the most prominent mystery of the world step by step.

2. Perception

By definition, Perception is the organization, identification, and interpretation of sensory information in order to represent and understand the environment [1]. Perception is simply understanding of person or animal towards environment. It varies from person to person and animal to animal and plant to plant. Now, all human being have some common perception that includes vision, smell, taste, hearing, sensitivity for touch, thermal and pressure. The world which we are seeing or listening or feeling is interpretation of these senses and our own perception. See, the same world is different for bull or bird or snake or microbe or even for blind person. The fact is world is same still its looks different for different animal due to perceptions. The real world doesn't have any color, odor or temperature. *The real world is only gradients of densities of real space-time integration. Real Space has no density; energy has more density than real space. Matter has more density than energy*

Real Space < Energy < Matter

We will come back to these concepts after covering few topics.

3. Real Time

The basic nature of human mind is “comparison”. We always compare the things to understand them. Due to such nature

of human mind they develop many relative quantities; one of them is “Time”. Time has important role in origin of the universe. But before that few old concepts regarding time need to be corrected

Current measurement system for time is totally developed as per our solar system. 60 sec for 1 min, 60 min for 1 hour, 24 hours for one day, 31 days for 1 month and 12 months for 1 year. Complete one year requires for earth to complete one rotation around sun, 24 hours requires for completing one rotation around self. So according to motion of planets, our time system is developed. But what is the ‘Real time’?

Real Time is a relative quantity. *“Real Time is a universal change between the instances (i.e. moments) to co-relate the changes in other things”*

Time is only change in instances. This means time has motion which is infinite. Hence, *“Real time has infinite motion”*

I am sure that *Time must be faster than light.*

4. Real Space

Here I am talking about real space. Real space is when everything is removed from space including latest wave matrix or dimensional matrix and also any new physicist discovered things. Just remove everything then what finally remains is nothing or real space. Don't get confuse in-between nothing and zero. See, zero is a mathematical value which represents nothing but in real world, nothing has existence since nothing can occupy by object. Because of this vast difference in zero and nothing in physical world, it has been very difficult to prove mathematically “the origin of universe is from zero”. *“Real space is absolute nothing without any boundaries and dimensions.”* Thus, “Real space has infinite existence”

5. Integration of real time and real space

Universe is one unified system. For convenience to understand we split one unified systems into various components i.e. space, energy and matter. Space, energy and matter are exchangeable but the fact is that they are one and

same however densities are varying i.e. **Real** space-time integration. The integration of real time and real space is emergent and symbiotic nature of universe. Real time has motion and no one is required to create it or push it. It goes on automatically which gives universe inherent emergent nature. This emergent nature of real time in integration with real space develops symbiotic nature of the universe. In which space is divided into positive real space and negative real space.

- Positive real space in integration with positive real time is energy and matter
- Negative real space in integration with negative real time is black hole
- Positive real space in integration with negative real time are boundaries
- Negative real space in integration with positive real time are boundaries

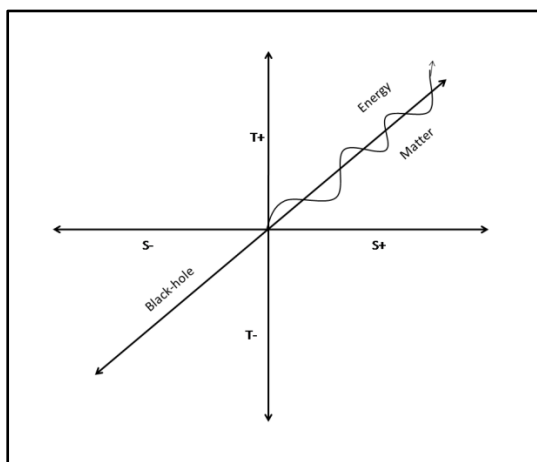


Figure 1: Graphical representation of real space-time integration

6. Symbiotic and emergent nature of universe

Let's begin with law of Conservation of energy "Energy neither be created nor destroyed it, it can be converted into one form into another form, the total amount of energy in the universe is a constant" [2], [3]. Not only energy in fact anything cannot be created; only integration processes ever happen. In universe system something has to be developed from integration of something. Thus no one is creator of this Universe.

There is only one law with the universe -"Universe get automatically organized as per the need." Where "automatically organized" is the 'emergent' nature of universe and "as per the need" is 'symbiotic' nature of the Universe. In the universe system, real space is requiring component and energy-matter are need providing component.

In scientific terminology, "*The Universe is emergent and symbiotic by inheritance*"

When universe emerged, only density increased with development of system in below fashion

Real space has no density. Energy has more density than real space; matter has more density than energy.

Real Space < Energy < Matter

These symbiotic and emergent nature leads to development of this universe. For Example : Universe system is form by galaxies system, galaxies from solar systems, solar systems from planetary systems, planetary system from ecosystem, ecosystem from life system, life system from human system, human system from nervous system, nervous system from cell system cell system from nucleus system, nucleus from DNA system, DNA system from proteins, proteins from molecular system, molecules from atomic system, atomic system from subatomic particle, subatomic particle from elementary particles, elementary particles from x-denser matter, x-denser matter from nothing. X-denser matter includes undiscovered particles and it is denser phase of real space.

Absolutely this process can happen reversely but to understand this, consider its emergent and symbiotic nature; for example, x-denser matter is evolved complementary to nothing, x-denser matter bound to form elementary particles. In elementary particles; matter particles is evolved complementary to antimatter particles. Elementary particles bounds to form subatomic particles. In subatomic particles; neutrons are evolved to bound protons and electrons are evolved complementary to balance protons. Finally atoms are forms; then due to valence or instability of atoms molecules are evolve. Molecules bound to form compound and this process goes on and finally what we see, this world.

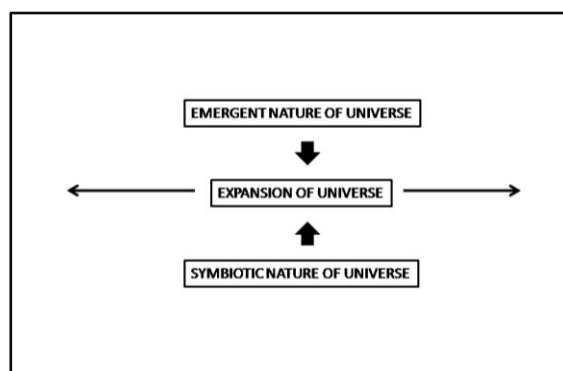


Figure 2: Expansion of universe by emergent and symbiotic nature.

7. Conclusion

The world which we are seeing is our own perception. The reality is "universe is single unified system with varying degrees of densities of real space-time integration". No one is creator of the universe, because no one is required to create real space and real time but both have infinite existence and infinite motion respectively. In universe the source of energy and matter is real space and the source of motion is real time.

Hence final conclusion is:

"Universe is emergent and symbiotic by inheritance."

References

- [1] Schacter, Daniel (2011). *Psychology*. Worth Publishers.

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- [3] "30+ Variations of the 1st Law of Thermodynamics". IoHT Publications.

Author Profile



Dr. Mukesh Bangar is author of book “I am Me – Universal Rational Belief System” and founder of InorganicMind Automation company. He has done his graduation from MUHS, Nashik and he has keen interest in subject area Cosmology, Physics, Neural Networks, Philosophy and Artificial Intelligence. He has done break through work in mind philosophy and invented APU (Awareness Processing Unit) – World’s first self aware and self learning machine.