

The Existence of God - A Scientific Quest

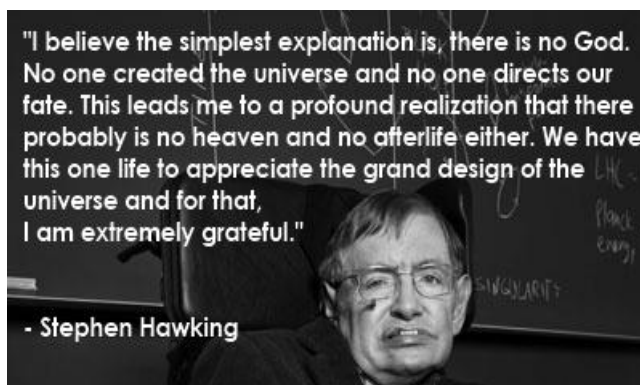
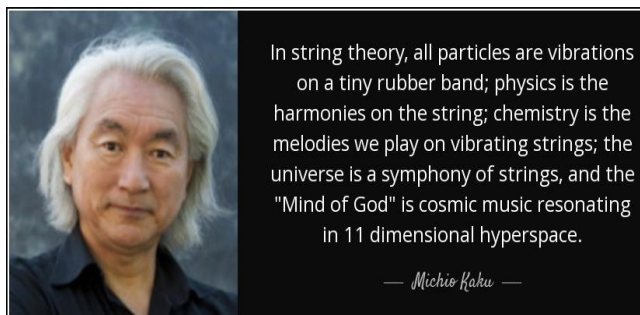
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Abstract: *Does God exist? If exists, then what are evidences? These are the very controversial questions in scientific world as well as in society. Some people have belief on God while other people think it as a kind of superstition. But above all of this, our curiosity demands the question 'Who is God?' So before analyzing this question (without consideration of religion and spirituality), we have to resolve some mystery which nature reveals to us. Science always wants evidences which are based on the knowledge acquired by our five sense organs. We can sense the whole material universe. Even the submicroscopic entities are detected by sophisticated instrumentations. We know the science because we believe on it. But our intuition asks a question, where did the scientific knowledge come from? As example, suppose someone synthesized an organic compound in laboratory which never existed before. We closely observed it and describe its features after close analysis. We are sure that 'someone' (with consciousness) was the creator of that material. In this connection our inner perception raises a very natural question "Who is the creator (conscious existence) of our universe?" From this very delicate creation, we get the knowledge of science. If we accept science, then we have to accept this fundamental question. Moreover if we say that nature is responsible for all of this creation, then here lies an ambiguity telling that nature itself is inanimate. This ambiguity increases the probability of existence of a certain conscious reality who is behind the existing creation.*

Keywords: Inconclusive natural phenomena, Big Bang, Existence of Supreme Consciousness

1. Introduction



Intelligence, Consciousness, Power of Thinking and Curious mind are the four fundamental driving forces to culture and understand the scientific knowledge. The impact of that nourishment ultimately gives the creativities and inventions. Scientists in all disciplines, from ancient to modern age, nurture their scientific conceptions and enjoy understanding the unknown facts, which we call "Research". Hence, research is an ongoing process to know the mysterious creations of the nature. It is very natural and expected that there is always a debate on the acceptance or non-acceptance of the artifact present in the way of research. Analogously, the present situation i.e. whether God exists, appears as an artifact to the scientists from the very beginning. For this controversial fact, the whole scientist's community have divided themselves into two extreme regimes i.e. Theist and

Atheist. But, we haven't provoked any debate between theism and atheism. Our motivation is to search the Supreme intelligence (may leads to the conception of God!), playing an important role behind the whole creation. It is to be noted that any belief and argument on religion, superstitions and spirituality is discarded off.

2. Literature Review

The existence of God is always doubtful as well as researchable and highly discussed topic from the ancient era to the present modern age in the globe. All at a glance, we just presented here the whole events in the ongoing research of this mysterious subject, as follows;

2.1 Theism

a) 'As a blind man has no idea of colors, so have we no idea of the manner by which the all-wise God perceives and understands all things.'— Sir Isaac Newton.



Sir Isaac Newton

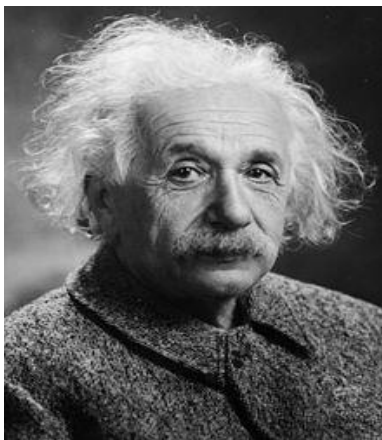
b) 'An equation means nothing to me unless it expresses a thought of God.'— Eminent Indian mathematician Srinivasa Ramanujan.



Srinivasa Ramanujan

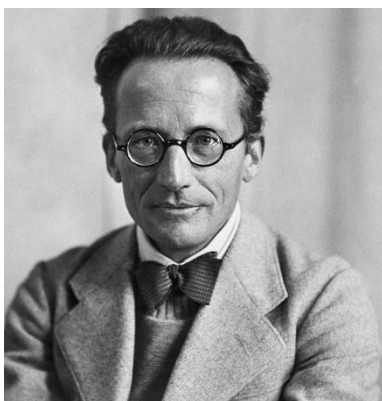
c) 'The more I study science, the more I believe in God'-
Albert Einstein

'I want to know how God created this world.....I want to
know His thoughts'- Albert Einstein



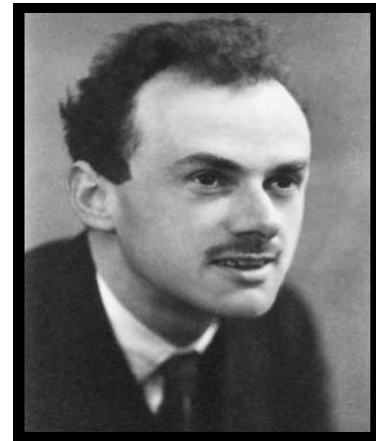
Albert Einstein

d) 'The multiplicity is only apparent. This is the doctrine of
the Upanishads. And not of the Upanishads only. The
mystical experience of the union with God regularly leads to
this view, unless strong prejudices stands in the way.'-
Erwin Schrodinger, Quantum Physicist



Erwin Schrodinger

e) 'God used beautiful mathematics in creating the world'. –
Paul Dirac, Mathematician.



Paul Dirac

f) Code Name God: The Spiritual Odyssey of a Man of
Science, a book written by Mani Bhaumik, Indian-born
American physicist, where the author clearly showed the
existence of God behind every scientific discovery.



Dr. Mani L. Bhaumik

g) 'When you begin the process of finding God, the inner
world reveals itself. God experience will start to become the
norm, not in a spectacular way like a wished-for miracle but
in the far deeper way of transformation.'
— Deepak Chopra, The Future of God: A Practical
Approach to Spirituality for Our Times.

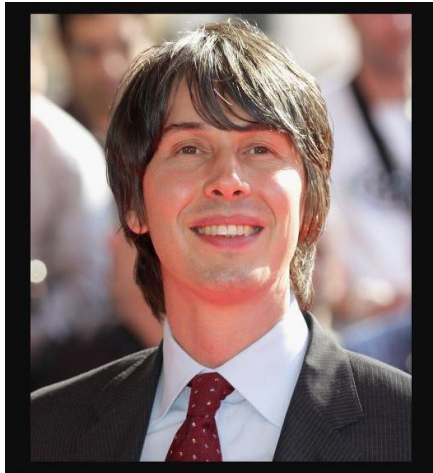


Deepak Chopra, Indian scientist

2.2. Atheism

At the contemporary time, some people completely denied the concept of God.

a) 'There's a naivety in saying there is no God'- Prof Brian Cox, Particle Physicist



Prof. Brian Cox

b) 'Before we understand science, it was natural to believe that God created the universe, but now science offers a more convincing explanation'- Stephen Hawking.



Stephen Hawking

c) 'God is an ever-receding pocket of scientific ignorance'- Neil Degrasse Tyson



Neil Degrasse Tyson

3. Objective

The ambiguity about the existence of God is the debatable issue forever. Above this ambiguity, our search is for the

Supreme intelligence behind the Grand creation which will probably lead us to recognize the subtle engineering of every artifact and it's Artisan.

4. Methodology

Before discussing on search of the question, we **observed** such natural phenomena which are still mysterious and inconclusive.

4.1. The Big Bang

The universe which appears in front of us, was brought into existence by the Big Bang. At the very initial moment, it has radiant energy completely with zero volume. With the flow of time, some of the amount of energy was converted into matter and gradually protons, electrons, atoms, molecules, stars, galaxies etc. are formed. Well, this sequence describes the whole story, no doubt, but some explanations from the very conception of this theory are still inadequate. These are as follows,

- Why did all the events occur according to this particular sequence?
- Before existence of material universe there was only energy existing and small amount of energy was transformed into matter. Before Big Bang, there was no universe, only energy. But how & where did this energy come from? It is fundamentally true that energy neither be created nor destroyed, it can only be transformed. So before existing energy what was existing? It is illogical to argue that there was existing 'nothing', because it violates the rule of science (the principles of thermodynamics) which reveals that it is never possible to create anything from nothing.
- Is Big Bang an artifact which is the ultimate explanation of creation of everything in the universe? Are there any parallel universes, present (in the multiverse)?
- Why every creation in this observable universe does from the earliest Big Bang to now, has sophisticated subtle engineering technique in its creation process?
- Why are all the creation created in nature with time, by maintaining and obeying the proper applications of the principles of Physics and Chemistry? Surprisingly, these laws and principles have no fault in the action!
- Till date, by the theory of "Coacervation", the evolution of living cell (at the end of chemical evolution), was first explained. If it is true, then why we, the rulers of the globe, haven't created another Albert Einstein, exactly the same (Reversibly) before? Every biological life sustaining processes is very subtle, organized and sophisticated in nature. Human artists tried to mimic to produce the exact version of these kind of reactions involving enzymes, RNA, DNA and other bio-molecules, but failed. Even, we can't create these bio-molecules wholly, while creating life is far more action.

4.2. Mysterious life sustaining processes on earth:

- At the beginning of birth process, how a potent sperm can find out its way to fertilize the egg is a big mystery in medical science (as fertilization is nothing but large chemical reactions where all reactants are to be close

enough). Furthermore, the circumstance inside the mother's womb is very optimum for growing up of fetus and giving birth. Though IVF method is in market, but without surrogacy, a baby cannot be born. Why, scientists haven't made these conditions externally till now, is very questionable issue.

- Except plants and chloro-bacteria, animal kingdom can never make their own foods. Well, someone may say that animals don't have the pigment Chlorophyll. But, the chemists in the modern age, should have the knowledge how to synthesize it. Unfortunately, they failed.
- Why our planet was chosen for creation and evolution of life, is a million dollars question till date. 'In this universe, are we alone?' Are Human beings, the latest version, of this long term evolution process with extreme development?

4.3. Non-linearity and probabilistic features of Nature:

Nature is Non-linear, but our thought process is linear. Every aspect in nature has probabilistic fashion in observation. The quantum reality also reveals the probabilistic nature of sub-atomic universe. Now the question lies on the fact why this uncertainty exists.

4.4. Symmetry

Nature reveals its beauty in every aspect through symmetry whether it is DNA, Shape of a butterfly, crystal structures, potential energy force- field, the probability distribution of electrons in an atom / molecule or speed distribution of gas molecules. Furthermore, nature produces any bio-molecules with particular symmetry and optical activity (which can be understood from optical activity measurement/ Polarimetry). For instance, d-glucose and l-fructose are only found in nature while their enantiomeric form do not exist. Similarly, all amino acids are levorotatory (in the proteins of higher organisms) for all type of biological activities.

4.5. Time

Time is the fundamental existence which is playing an important role from the very beginning, for the evolution of creation. It is irreversible, uni-directional and un-symmetric in nature. But, what is 'Time'? Before big bang, there was no time, so no 'Yesterday'. It is originated from big bang, but how?

4.6. Mathematics

'Mathematics is the alphabet with which God has written the universe'- Galileo Galilei. Indeed, mathematics speaks the language of nature (calculus, algebra, arithmetic, geometry etc), by which we can understand the natural phenomena very well. Every phenomenon has a particular mathematical form including exponential, linear, sigmoid etc, but we have no explanation why these forms exist in nature.

5. Analysis

Suppose, an expert made a computer with highly sophisticated software programs. Then the external information was entered as input into the computer. The corresponding program was run by processing the data into

the computer and the monitor gave the desired output. Now, if some other person has used that computer for his desired purpose, he already knew that the computer was pre-programmed. This creation is a result of highly expertness of a skilled intellect and will power. This intelligence demands **the Creator**. We can't say this device is made by self-constructive manner. Someone's consciousness and intellectual power are behind this creation / invention. That is the science. Analogously, if we closely observe nature's inconclusive phenomena, it will give an indication that this grand creation of universe should be the impact (emergence) of certain **supreme conscious intelligence which persists with the inanimate nature**. There probably exists a string that must connect this **superior intelligence with its Creator** (may be the GOD?). If we deny the consciousness, we have to discard off the existence of human's creations. Matter has no power of creation (i.e. DNA cannot produce the computer!), rather human's history of inventions depends on the inherent consciousness and high intellectual power.

Moreover, all the inventions that were made by humans were a fruitful results of human's soulful power of thinking and delicate curiosity. But from whom, he/ she gets this power is a questionable topic, because no inanimate bio-molecules can generate the delicacy of thinking power. Most clearly, how did all these incorporate into human is still researchable. Again, if big bang explains the creation of everything in the universe including human beings, then it should be considered that the very consciousness has being associating with the birth of the universe i.e. Big Bang to the present date.

The whole creation of the universe is already engineered. An expert engineer makes other engineer. Science always says that one event is the result of other previously occurred event i.e. without cause there is no result. There is a correlation between two events. If it does not happen then we have to consider the "coincidence". That means that one event occurs at a particular moment at a particular place for a particular time and the other event for other moments and time. We have no correlation among the past, present and future. Every time is independent. But reality does not support that.

6. Conclusion

Before reaching the question whether God exists, we need to research about the superior intelligence behind every creation in nature with proper scientific judgments. If we find out and grow up our conceptual built up on that 'supreme intelligence' and 'consciousness', then it will be possible to remove the ambiguity about the existence of God.

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