

# THE SUPREME BEING

## (Concepts regarding the “The Creator” of the universes)

Prarambhik Sur

Student

Electrical engineering

Meghnad Saha Institute of Technology, Kolkata, India

**Abstract:** The research work focuses on the probable possibility about the nature and the features or attributes of “GOD”. The attempt was made by me on the terms of particle as well as relativistic viewpoint. Attempt in terms of those fields were made due to the failure of quantum principle basics (Planck’s law of quantization of energy to be specific) yet producing results successful enough to determine the nature of our Creator.

### INTRODUCTION

“Everything is determined, the cosmos, its beings and all the vegetables. We all dance to the tune of a piper being played by a distant bagpipe!” Following these words of Albert Einstein, it is an obvious possibility being curious about that “bagpipe” and how are all these things determined. Often we look up at the sky and become fascinated by the intellect of the entity that designed the entire universe with all its components. The design of the universe is quite intriguing and it persuades us to know more about our Creator. I would like to begin with the fact that Science doesn’t reject the presence of GOD but it rejects its different religious “forms”. The universes and all its components (including the multiverses) have several components in it which act as the source of energy and heat. Consider our universe, there are probably a billion if not million and trillion stars present which are coming to existence or dying each day. These events correspond to a large amount of energy. According to the first law of thermodynamics “Energy is neither created nor destroyed” and all these energy balance each other somehow to keep the universe balanced. Now the question arises as to what is the source of this energy? Wherefrom did they come into existence? Were they created from nothing or The Big Bang was the sole reason of their popping into existence in the fabric of “reality”? The answers to these questions may be controversial but a possible solution can be reached. What if these all energy we observe came from something, some entity, not only in case of ours but also for the other universes as well. What if there is an entity (one for now at least) which is solely devoted for the balancing of these universes. Well now that we have this concept of entity roughly, we can conclude that it may be the source or origin of that energy we encounter as well as those which we do not.

### THE UNKNOWN ENTITY:

The question to those above mentioned what ifs lay here in this segment. We need to model and analyze the conditions we have. Firstly we consider the region outside our universe where all the other universes as well as our entity lie as within a box. Now we have these universes discretely and randomly lying or rather floating in this box with the entity at one end of the box. The other end of the box is for the time being empty. The amount or the volume of emptiness has the same dimensions as that of our GOD entity reason of which will be revealed later. Now our god entity is purely energy which violates the energy-mass equivalence (reason for which is unknown) for some instant while it remains valid for other instances. The basic idea is that if GOD entity is purely energy containing energy greater than any perceivable amount and the greatest energy of all then it should radiate out energy at some particular regular or irregular intervals. Fundamentally we consider the energy of God to be infinite and the radiated energy is distributed among all the universes equally or non equally. Now we encounter several phenomena in our daily lives the probability of which remains regular at some point and irregular at other. Consider a car accident under two conditions one due to break failure and other due to rash driving. The probability of occurrence of these particular events in our universe and our parallel universe may or may not be the same. When we are talking about probability we should consider frequency of occurrence. We know by planck’s law of quantisation of energy  $E=phv_n$ , where  $p=0,1,2,3,\dots$  and  $v_n$  is the frequency of all the universes energy associated. We will calculate the average energy of the entity over two wavelengths one, which just crosses the maximum observable wavelength of radio waves to infinite and second from the minimum observable wavelength (i.e gamma rays) to infinite. The reasons for considering infinite wavelength and beyond the perceivable range is due to the fact we donot know precisely the wavelength ranges beyond the given ranges of gamma rays to radio waves. This particular instance holds a scope to illuminate over these unknown wavelengths. The calculations for the above explanation has been shown in the below images:

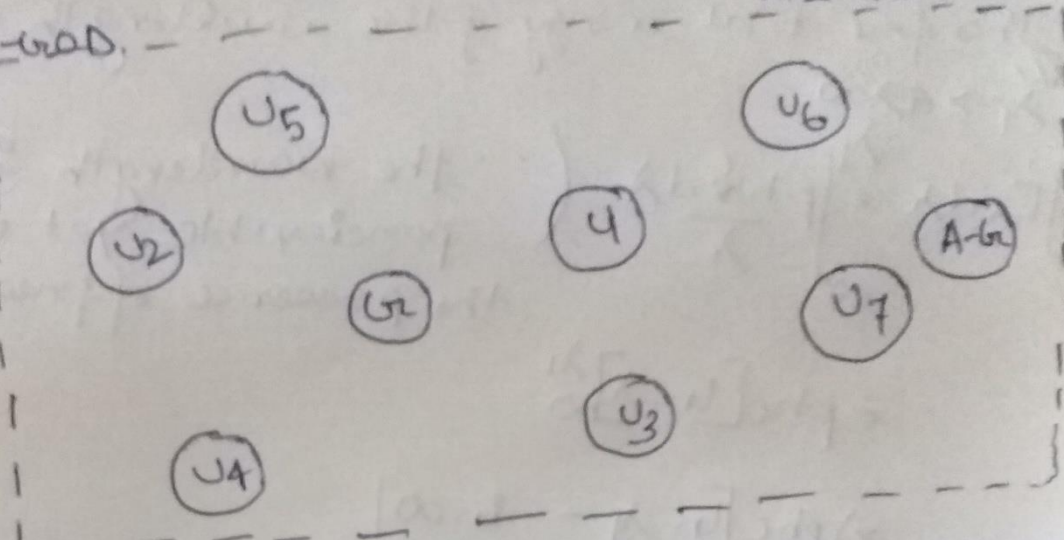
Modelling and calculations  
of 'GOD' entity.

G-GOD

THE-BOX

AGI-ANTI-GOD

$U_1, U_2, \dots$   
 $U_n \rightarrow$  univ.  
verses.



$E = E_1 + E_2 + E_3 + \dots + \infty$  (for each E corresponding to energy of the universes)

$(E)_G = E_1 + E_2 + E_3 + \dots + \infty$

$(E)_G = \sum_{n=1}^{\infty} E_n$

From Planck's law

$(E)_G = \sum_{n=1}^{\infty} p h \nu_n$  /  $p = 1, 2, 3, \dots$

Now we know

$E = mc^2$  (mass-energy equivalence) universes.   
  $\nu_n =$  frequency of universes.   
 (a set of all possibilities of all events of all the universes).

To calculate the average energy of the entity

$$\overline{E}_G = \frac{\sum_{n=1}^{\infty} p h \nu_n}{\sum_{n=1}^{\infty} n} = h \frac{\sum_{n=1}^{\infty} p \nu_n}{\sum_{n=1}^{\infty} n}$$

Since there is frequency of the energy involved with  $pc$ , so there should be a wavelength involved too. Therefore total energy of the wavelength range

$$\int_{\lambda}^{\infty} E_{\lambda} d\lambda = \int_{\infty}^{\lambda_1} p h \frac{c}{\lambda} d\lambda \quad (\because \text{the wavelength is not perceivable yet with the presence of frequency}).$$

$$= phc [\ln \lambda]_{\infty}^{\lambda_1}$$

$$\Rightarrow phc [\ln \lambda_1 - \ln \infty]$$

$$\Rightarrow phc [\ln \lambda_1 - \ln \infty] = -\infty.$$

(here  $\lambda_1$  corresponds

now for wavelength  $\lambda_2$  (just beyond microwaves) to  $\infty$ .

to the minimum wavelength before gamma rays wavelength)

$$\int_{\lambda_2}^{\infty} E_{\lambda} d\lambda = \int_{\lambda_2}^{\infty} p h \frac{c}{\lambda} d\lambda$$

$$= phc [\ln \infty - \ln \lambda_2]$$

$$\Rightarrow phc [\ln \infty - \ln \lambda_2] = \infty.$$

Thus we observe that the magnitude of the two energy remains constant in magnitude but the sign is variable (positive energy for one and negative for another).

Thus it can be concluded that the energy of the god entity remains constant in magnitude (although infinite) yet the sign is different which raises a peculiar question about the negative energy. Before we dive into the details of this question we should encounter the fact as to what about the most fundamental thing of any matter is. Yes, my reference is to that of mass. According to Einstein's mass energy equivalence  $E=mc^2$  we can determine the mass but that would be rather incomprehensible when we already know about the relativistic attitude of physics. Apparently if we determine the mass of the entity from this  $E=mc^2$  we get the mass to be infinite. From the formula of relativistic mass  $m=m_0/(1-(v^2/c^2))^{1/2}$  we know that a mass can be infinite only if  $v=c$ ,

thus leading to the conclusion that GOD entity is in a dynamic state of light speed. This leads to an interesting conclusion yet again that if it travels at the speed of light then the concept of time breaks down for it and hence "GOD can exist simultaneously in present, past and future, in all the parallel universes and alternate timelines all at once ". Moreover since we have a huge amount of uncertainty in energy then determination of time should be more precise according to Heisenberg's uncertainty principle and thus at a particular instant of time we have GOD here as well as in other universes as well.

#### **THE ANTI-GOD HYPOTHESIS:**

The name itself reveals its degree of weirdness although I find it to be legitimate. Recall that we left out an empty space in our "Box" which has the same dimensions and the attributes as that of our GOD. Well let's fill up that space! Now as recent theory says "EVERY MATTER HAS ITS ANTI-MATTER". The theory, if applicable, enables us to give an idea about the ANTI-GOD. The ANTI-GOD has the same attributes and mass and energy as that of GOD but we have a fact over here. While calculating our energy of the GOD we found something called "negative energy". This negative energy is possessed by the ANTI-GOD and the frequencies corresponding to it are the negative frequencies which incur for the negative or the recessive events in the universes, to be simply defined as "bad events". Now the question arises as to why do we need an ANTI-GOD? Let us visualize the GOD entity once again. We have its mass to be infinite which should according to the laws bend or warp the field or the similar to "space time" area greatly which should cause an inward suction pull of all the universes. This seems to destabilize the system of universes and thus we have an ANTI-GOD which interacts with the universes in a manner similar to GOD but in a direction of pull opposite to that of GOD thus balancing the system of universes and maintaining uniformity in the "field" on which they rest.

#### **CONCLUSION AND CO-RELATION WITH STRING THEORY:**

The conclusion can be made in terms of relating this with the String theory which considers the fact that all the matter are made up of small strings vibrating at a note in a rhythmic manner which builds up our "reality" or in other words which we perceive as "reality". The energy radiated by both the GOD and the ANTI-GOD is responsible for producing the energy in our universes which remains conserved and hence the reality set up by these vibrating strings is nothing but the subset of the grand frequency of the energy of these two Grand energies.

#### **ACKNOWLEDGMENT:**

I want to express my gratitude to my parents without whom I would not have been able to complete this research work. Their constant guidance and motivation has helped me in completing my work.

#### **REFERENCES:**

- [1] THE GRAND DESIGN, STEPHEN HAWKING AND LEONARD MLODINOW.
- [2] GOD: THE FAILED HYPOTHESIS, VICTOR.J.STRENGER.

