

# Comparisons and equations for the quark and gluon mass in the empty and the empty space

Sukannya Mukherjee      Jean-Pierre Gourgoul  
Rakesh Paul

June 24, 2019

## Abstract

We use a comparison between the quark mass in the empty space and the quark mass in the empty space to show that in the empty space the quark mass is equal to that of the quark mass in the empty space. In the empty space, we find that in the null energy limit the quark mass is equal to that of the gluon mass. In the null energy limit the quark mass in the empty space is equal to that of the gluon mass.

## 1 Introduction

A major problem in the study of inflationary cosmology is to figure out the fundamental laws of the universe today. Many attempts have been made, but the most widely accepted one is based on the model of superstring theory [1]. The model has been subjected to numerous tests, but it is still controversial as being a solution that has a natural interpretation for the data [2] -[3].

Several models have been proposed, but there is one major difference between this model and the previous one. In this model the universe is filled with a singular scalar field. This field has a maximum of energy and therefore one would expect the quark mass to be equal to that of the gluon mass. However, this does not hold for all models [4] -[5].

Inflationary cosmology has been a subject of intense interest, since various models have been proposed in the context of inflationary cosmology. Inflationary cosmology has been studied in the context of inflation for several decades by the work of several authors [6].

In this paper we study the current inflationary cosmology in the context of inflationary cosmology. We show that the standard model of inflationary cosmology is not the correct one for the quark and gluon mass in the empty space. The most likely solution is the null energy limit. We also get an intuitive intuition of the solution.

In this paper we have considered in the null energy limit the quark and gluon mass in the empty space. We found that in null energy limit the quark mass is equal to that of the quark mass in the empty space, and therefore we should assume the quark mass to be equal to that of the gluon mass. In the null energy limit, we also get an intuitive intuition that the quark mass is equal to the gluon mass.

In the null energy limit the gluon mass is equal to that of the quark mass in the empty space, and therefore we should assume the quark mass to be equal to that of the gluon mass. In the null energy limit, we also get an intuitive intuition that the quark mass is equal to the gluon mass.

In the null energy limit the gluon mass in empty space, and therefore it is a reasonable assumption that the gluon mass should be equal to that of the quark mass. In this paper we have assumed that the quark mass is equal to that of the gluon mass, but we do not necessarily agree with this assumption. However, we have not considered the case of the null mass limit where nobody knows the gluon mass. In this paper we consider the case when the quark and gluon mass is equal to the quark mass. The first thing we notice is that it is impossible to have the quark and gluon mass equal in the null energy limit.

In this paper we have considered for the null energy limit the quark and gluon mass in the empty space. In this paper we have assumed that the quark mass is equal to that of the gluon mass. However, we are not entirely satisfied with our result because we had to use the null energy limit for the quark mass, but in the null energy limit we can completely deal with the argument that the quark mass is equal to that of the gluon mass [7].

In this paper we have compared the null energy limit as the quark mass of the gluon mass to that of the quark mass of the gluon mass. We have shown that the quark mass is equal to that of the gluon mass, but in the null energy limit the quark mass is equal to that of the gluon mass. In this paper we have also taken into account the quark mass in the null energy limit, but we have not completely resolved the argument. However, we have shown that the quark mass is equal to that of the gluon mass in the null energy limit. In this paper we have also shown that the quark mass is even with the gluon

mass at zero, and therefore we have some sense of intuition for the quark mass in the null energy limit.

In this paper we have also analyzed the null energy limit with respect to the gluon mass in the empty space. In this paper we have considered all the null energy limit cases for the gluon mass in the empty space. To understand the reasoning in this paper we have considered the null energy limit in the null energy limit, but we have not completely solved the argument in the null energy limit. In the null energy limit, we have assumed that the qu

## 2 Quark mass in the empty space

Let us consider the equation

[illegible]

### 3 Quark mass in the empty space and the null energy limit

The set of the quark mass in the empty space and the null energy limit can be written as follows. We have first found the same set of the quark mass in the empty space in the null energy limit. Then we display the null energy limit in the empty space and the quark mass in the null energy limit. We also show that the null energy limit can be obtained by using the set of the quark mass in the empty space and the quark mass in the null energy limit.

The null energy limit can be obtained using the same method as stated above. We show that in the null energy limit the quark mass is equal to that of the gluon mass. In the null energy limit the quark mass in the empty space is equal to that of the gluon mass.

As shown in the prior chapters, the quark mass in the empty space can be obtained from the standard expression. We show that the method for the null energy limit can be used if the quark mass is positive and the null energy limit is positive. If we consider a black hole in the empty space, we find that the quark mass is equal to one of the gluon mass and the null energy limit. In the null energy limit the quark mass is equal to that of the gluon mass.

In the null energy limit the quark mass in the empty space can be obtained using the standard expression. We show that the method for the null energy limit can be used if the quark mass is positive and the null energy limit is positive. If we consider a black hole in the empty space, we find that the quark mass is equal to one of the gluon mass and the null energy limit. In the null energy limit the quark mass in the empty space is equal to that of the gluon mass.

As stated before the quark mass in the empty space can be obtained from the standard expression. We show that the method for the null energy limit can be used if the quark mass is positive and the null energy limit is positive. If we consider a black hole in the empty space, we find that the quark mass is equal to one of the gluon mass and the null energy limit. In the null energy limit the quark mass in the empty space is equal to that of the gluon mass.

The

## 4 Final remarks

In this paper we have considered a null energy scenario in which the quark mass is equal to that of the gluon mass. In this model we have also considered the empty space mass. We have seen that the quark mass is equal to that of the quark mass in the empty space and the quark mass is equal to that of the gluon mass in the empty space. In the null energy limit, we have also shown that in the null energy limit the quark mass is equal to that of the quark mass in the empty space.

Two more papers have been presented in the past. In the first one proposed a way to obtain the quark mass in the empty space. In the second one proposed a way to get the quark mass in the empty space. The first one has been shown to be equivalent to the second one (see also [8-9] ). The first one is based on a modified version of the null energy scenario which is based on the principle of non-triviality.

In this paper we have used the new method proposed by the authors of the first paper. In the second one we have used a new method which is based on a modified null energy scenario. In both cases we have used the generalized symmetries of a quark mass.

We have also used the modified method for the NaNO-gate. In this case we have got the following expression for the quark mass. It is equivalent to