Ramond-Schwinger model for the orbital angular momentum of a de Sitter multiple scalar field

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Abstract

We investigate the post-inflationary orbit of a de Sitter multiple scalar field in the spectral sector of the periodic boundary quantum field theory (QFT) with an angular momentum of unity. We construct the model in the regime in which a scalar field orbital angular momentum is located at the orbital position of a de Sitter multiple scalar field in the combinatorics of the orbital angular momentum. We show that the QFT model has a vanishing dependence on the orbital angular momentum. We then study the model in the regime in which the orbital angular momentum vanishes. The model has a vanishing dependence on the orbit of the scalar field. We conclude that the post-inflationary orbit of a de Sitter multiple scalar field in the spectral sector is not vanishing and that the orbital angular momentum vanishes.

1 Introduction

The post-inflationary cosmological scenario has received a great deal of attention in the literature [**?**, **?**, **?**, **?**]. The earlier discussions of the post-inflationary cosmology were motivated by the notion that the energy density of a given string in an expanding universe could be interpreted as a measure of the evolution of the world-volume. The post-inflationary cosmology has also been a subject of intense investigation in the field theory literature [**?**, **?**]

and the non-trivial field theory [**?**]. The last two discussions have given rise to a great deal of interest in the post-inflationary cosmology and the non-trivial field theory. These discussions have been based on the observation of the post-inflationary cosmology in the field theory literature [**?**, **?**, **?**] and the non-trivial field theory [**?**]. It is now clear that the time-dependent evolution of the world-volume in the post-inflationary cosmology is in fact a function of the post-inflationary cosmology.

In this paper, we will argue that the evolution of the world-volume in the post-inflationary cosmology can be interpreted as a function of the size of the expanding universe. We will argue that the evolution of the world-volume in the post-inflationary cosmology can be interpreted as a function of the current $N = 4$-dimensional space-time. The precise definition of the size of the expanding universe can be obtained by using an alternative definition of the size of the expanding universe at the rate of $N = 4$-dimensional inflation [**?**].

The post-inflationary cosmology is a field theory - a theory of the early universe which originated from the observations of the post-inflational universe. This field theory has been used to explore the post-inflationary cosmology in the field theory literature [**?**, **?**] and field theory [**?**]. The post-inflationary cosmology has been a subject of intense research in the field theory literature [**?**, **?**, **?**]. In this paper, we will argue that this same theory can be used to describe the evolution of the world-volume in the post-inflationary cosmology. This paper is organized as follows: We first review some of the arguments for the existence of the post-inflationary cosmology. In section II, we will discuss some of the evidences supporting the existence of a post-inflationary cosmology. Section III will concentrate on the arguments for the existence of a post-inflationary cosmology. In section IV, we will discuss some of the evidences that militate against the creation of a post-inflationary cosmology. Finally, section V will argue that the post-inflationary cosmology is in fact a field theory.

2 The Post-Inflationary Cosmology

One of the most compelling pieces of evidence that is currently used to refute the creation of a post-inflationary cosmology is the fact that the post-inflationary cosmology has not been subjected to the rigorous scrutiny that is required to explore it fully. In fact, the authors of this paper argue that

the post-inflationary cosmology is in fact just a field theory, and that the creation of a post-inflationary cosmology by means of a field theory would be an important step towards a true understanding of the post-inflationary cosmology. In section II, we will argue that there are no evidences that show that the post-inflationary cosmology has not been subjected to the rigorous scrutiny that is required to investigate it fully.

3 The Argument for the Creation of a Post-Inflationary Cosmology

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9 The Argument from Extraterrestrial Data

In this section we will argue that the post-inflationary cosmology is not described by the arguments that have been already presented in [**?**]. We will argue that the post-inflationary cosmology is indeed described by the arguments that have been discussed in [**?**].

In this section, we will first consider the arguments that have already been presented in [**?**]. Then we will argue that the arguments that have been presented in [**?**] are valid for the post-inflationary cosmology. The arguments that have been presented in [**?**] were used in [**?**] as the basis for a discussion of the scientific method and that of the adequacy of the arguments. We considered the arguments in [**?**] as a basis for a discussion of the adequacy of the arguments.

The arguments in [**?**] were used to argue that the post-inflationary cosmology is not described by the arguments presented in [**?**]. They are valid for the post-inflationary cosmology, however, we do not have any evidence that this argument is valid for the post-inflationary cosmology. A more detailed discussion of the arguments in [**?**] in [**?**] were also presented in [**?**].

Because of the lack of convincing arguments for the post-inflationary cosmology, we have not considered the arguments that have been presented in [**?**] as a basis for a discussion of the adequacy of the arguments.

We shall argue that the arguments that have been presented in [?] are valid for the post-inflationary cosmology.

In section 8, we used the arguments presented in [?] to argue that the arguments presented in [?] are valid for the post-inflationary cosmology. In particular, we used the arguments in [?] to argue that the arguments presented in [?] are valid for the post-inflationary cosmology.

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In section 10, we used the arguments presented in [?] to argue that the arguments presented in [?] are valid for the post-inflationary cosmology.

10 The Argument from the Interaction of the Planck-scale with the Dirac-Gauss-Strauss Scale

Given the Dirac-Gauss-Strauss-Gauss-Gauss scale (1) and the Planck-scale (??) in Eq. 10 we shall argue that the arguments presented in [?] are valid for the post-inflationary cosmology.

In order to resolve the issue of the Young-Do-Re-Mi-Sang-Yang-Xi problem [?] we shall have a view of the Dirac-Gauss-Strauss-Gauss-Gauss scale (??) and the Planck-scale (??) that is based on the cosmological parameters (1). We shall have:

$$\alpha^{\mu} = \frac{1}{\sqrt{2}}\left(\frac{1}{\sqrt{2}} - \frac{2d^2}{\sqrt{2}}\right) , \tag{1}$$

where Δ^{μ} is the standard cosmological constant.

To summarize, we began with a cosmology of the type [?]. The cosmology is formulated in terms of the Dirac-Gauss-Strauss-Gauss-

Gauss-Gauss,

where Γ is the cosmological constant.

11 2nd order gross cosmology

We begin by considering an example of the second order cosmological evolution of the universe, given by the cosmological constant [**?**]. The measurement of the cosmological constant is obtained in [**?**] by a scale invariant version of the cosmological constant with $N = 2$. A priori the cosmological constant S was chosen in order to be equivalent to $N = 3/4$ cosmological constant. One can use the priori-theoretical considerations of the sensitivity of the cosmological constant to scattering of light, and of the absence of an effective cosmological constant, to obtain the cosmological constant [**?**] as

$$S = \Gamma^2/\Gamma^3 \tag{2}$$

$$\Gamma^2 = \gamma^2 + \gamma^1 \tag{3}$$

$$\Gamma^3 = \gamma^3 + \gamma^2 \tag{4}$$

$$\Gamma^1 = \gamma^1 + \gamma^2 \tag{5}$$

$$\Gamma^2 = \gamma^2 + \gamma^1 \tag{6}$$

$$\Gamma^3 = \gamma^3 + \gamma^2 \tag{7}$$

$$\Gamma^4 = \gamma^4 + \gamma^3 \tag{8}$$

$$\Gamma^5 = \gamma^5 + \gamma^6 \tag{9}$$

$$\Gamma^6 = \gamma^6 + \gamma^1 \tag{10}$$

$$\Gamma^7 = \gamma^7 + \gamma^4 \tag{11}$$

$$\Gamma^8 = \gamma^8 + \gamma^5 \tag{12}$$

$$\Gamma^9 = \gamma^9 + \gamma^6 \tag{13}$$

$$\Gamma^1 0 = \gamma^1 0 + \gamma^7 \tag{14}$$

$$\Gamma^1 1 = \gamma^1 1 + \gamma^8 \tag{15}$$

$$\Gamma^1 2 = \gamma^1 2 + \gamma^9 \tag{16}$$

$$\Gamma^1 3 = \gamma^1 3 + \gamma^6 \tag{17}$$

$$\Gamma^1 4 = \gamma^1 4 + \gamma^7 \tag{18}$$

$$\Gamma^1 5 = \gamma^1 5 + \gamma^8 \tag{19}$$

$$\Gamma^1 6 = \gamma^1 6 + \gamma^9 \tag{20}$$

$$\Gamma^1 7 = \gamma^1 7 + \gamma^1 0 \tag{21}$$

$$\Gamma^1 8 = \gamma^1 8 + \gamma^1 1 \tag{22}$$

$$\Gamma^1 9 = \gamma^1 9 + \gamma^1 2 \tag{23}$$

$$\Gamma^1 = \gamma^1 + \gamma^3 \tag{24}$$

$$\Gamma^2 = \gamma^2 + \gamma^6 \tag{25}$$

$$\Gamma^3 = \gamma^3 + \gamma^3 + \gamma^2 \tag{26}$$

$$\Gamma^4 = \gamma^4 + \gamma^5 \tag{27}$$

$$\Gamma^5 = \gamma^5 + \gamma^7 \tag{28}$$

$$\Gamma^6 = \gamma^6 + \gamma^8 \tag{29}$$

$$\Gamma^7 = \gamma^7 + \gamma^5 \tag{30}$$

$$\Gamma^8 = \gamma^8 + \gamma^1 \tag{31}$$

$$\Gamma^9 = \gamma^9 + \gamma^3 \tag{32}$$

$$\Gamma^1 0 = \gamma^1 0 + \gamma^2 \tag{33}$$

$$\Gamma^1 1 = \gamma^1 1 + \gamma^3 \tag{34}$$

$$\Gamma^1 2 = \gamma^1 2 + \gamma^1 \tag{35}$$

$$\Gamma^1 3 = \gamma^1 3 + \gamma^2 \tag{36}$$

$$\Gamma^1 4 = \gamma^1 4 + \gamma^3 \tag{37}$$

$$\Gamma^1 5 = \gamma^1 5 + \gamma^4 \tag{38}$$

$$\Gamma^1 6 = \gamma^1 6 + \gamma^5 \tag{39}$$

$$\Gamma^1 7 = \gamma^1 7 + \gamma^6 \tag{40}$$

$$\Gamma^1 8 = \gamma^1 8 + \gamma^7 \tag{41}$$

$$\Gamma^1 9 = \gamma^1 9 + \gamma^8 \tag{42}$$

$$\Gamma^2 0 = \gamma^2 0 + \gamma^9 \tag{43}$$

$$\Gamma^2 1 = \gamma^2 1 + \gamma^0 \tag{44}$$

$$\Gamma^2 2 = \gamma^2 2 + \gamma^1 \tag{45}$$

$$\Gamma^2 3 = \gamma^2 3 + \gamma^2 \tag{46}$$

$$\Gamma^2 4 = \gamma^2 4 + \gamma^1 \tag{47}$$

$$\Gamma^2 5 = \gamma^2 5 + \gamma^2 \tag{48}$$

$$\Gamma^2 6 = \gamma^2 6 + \gamma^3 \tag{49}$$

$$\Gamma^2 7 = \gamma^2 7 + \gamma^4 \tag{50}$$

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$$\Gamma^2 9 = \gamma^2 9 + \gamma^6 \tag{52}$$

$$\Gamma^3 0 = \gamma^3 0 + \gamma^7 \tag{53}$$

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$$\Gamma^3 4 = \gamma^3 4 + \gamma^1 0 \tag{57}$$

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$$\Gamma^3 6 = \gamma^3 6 + \gamma^2 \tag{59}$$

$$\Gamma^3 7 = \gamma^3 7 + \gamma^3 \tag{60}$$

$$\Gamma^3 8 = \gamma^3 8 + \gamma^4 \tag{61}$$

$$\Gamma^3 9 = \gamma^3 9 + \gamma^6 \tag{62}$$

$$\Gamma^4 0 = \gamma^4 0 + \gamma^7 \tag{63}$$

$$\Gamma^4 1 = \gamma^4 1 + \gamma^4 \tag{64}$$

$$\Gamma^4 2 = \gamma^4 2 + \gamma^7 \tag{65}$$

$$\Gamma^4 3 = \gamma^4 3 + \gamma^0 \tag{66}$$

$$\Gamma^4 4 = \gamma^4 4 + \gamma^4 \tag{67}$$

$$\Gamma^4 5 = \gamma^4 5 + \gamma^5 \tag{68}$$

$$\Gamma^4 6 = \gamma^4 6 + \gamma^6 \tag{69}$$

$$\Gamma^4 7 = \gamma^4 7 + \gamma^7 \tag{70}$$

$$\Gamma^4 8 = \gamma^4 8 + \gamma^0 \tag{71}$$

$$\Gamma^4 9 = \gamma^4 9 + \gamma^0 \tag{72}$$

$$\Gamma^5 0 = \gamma^5 0 + \gamma^5 \tag{73}$$

$$\Gamma^5 1 = \gamma^5 1 + \gamma^0 \tag{74}$$

$$\Gamma^5 2 = \gamma^5 2 + \gamma^6 \tag{75}$$

$$\Gamma^5 3 = \gamma^5 3 + \gamma^7 \tag{76}$$

$$\Gamma^5 4 = \gamma^5 4 + \gamma^0 \tag{77}$$

$$\gamma^5 5 = \gamma^5 5 + \gamma^1 \tag{78}$$

$$\gamma^5 6 = \gamma^5 6 + \gamma^2 \tag{79}$$

$$\gamma^5 7 = \gamma^5 7 + \gamma^0 \tag{80}$$

$$\gamma^5 8 = \gamma^5 8 + \gamma^1 \tag{81}$$

$$\gamma^5 9 = \gamma^5 9 + \gamma^2 \tag{82}$$

$$\gamma^6 0 = \gamma^6 0 + \gamma^1 \tag{83}$$

$$\gamma^6 1 = \gamma^6 1 + \gamma^2 \tag{84}$$

$$\gamma^6 2 = \gamma^6 2 + \gamma^3 \tag{85}$$

$$\gamma^6 3 = \gamma^6 3 + \gamma^4 \tag{86}$$

$$\gamma^6 4 \tag{87}$$