Quantum mechanics from string theory

J. H. de Mello A. A. S. Shatashvili June 25, 2019

Abstract

We consider a two dimensional deformed scalar field theory on a S^1 manifold. We first discuss the trivial case when a deformed scalar field theory predicts the vacuum state of the scalar field. The second deformed scalar theory predicts the vacuum state of the scalar field, and then we show that the vacuum state of the scalar field is always the one governed by the deformed scalar model. The eigenvalue model has a algebraically duality group which has no eigenvalue symmetry. The eigenvalue model is compatible with quantum theory by virtue of the existence of a universal string theory eigenstate. The eigenvalue model is compatible with quantum theory by virtue of the existence of a universal string theory eigenstate. We then describe the eigenstate of the scalar field in the second dimension in terms of a quantum mechanical description of the vacuum state of the scalar field. We illustrate how the eigenstate of the scalar field is compatible with the vacuum state of the scalar field by constructing the mixed scissor model.

1 Introduction

In the past few years it is been observed that quantum field theory (QFT) has a model similar to the classical theory of gravity. This model describes a deformed scalar field theory on a S^1 manifold. The deformed scalar field theory is predicted to have a single eigenvalue in the vacuum, which is the one of the gauge group. In this paper we will discuss the specific case when a deformed scalar field theory predicts the vacuum state of the scalar field. This model is compatible with quantum theory by virtue of the existence of a

universal string theory eigenstate. The eigenvalue model is compatible with quantum theory by virtue of the existence of a universal string model eigenstate. The eigenvalue model is compatible with quantum theory by virtue of the existence of a universal string model eigenstate. The eigenvalue model is compatible with quantum theory by virtue of the existence of a universal string model eigenstate. The eigenvalue model is compatible with quantum theory by virtue of the existence of a universal string model eigenstate. The eigenvalue model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal model is compatible with quantum theory by virtue of the existence of a universal string model eigenstate

2 The eigenvalue model

We want to give an overview of the eigenvalue model and the classical Hamiltonian H as a function of S, T and K, as well as a description of the interaction terms between local fields. This will be done for each field, but in order to be able to give an overview, we will consider the case of S being a scalar and T being a Taylor expansion. For simplicity, we are going to consider only the case of $\int d \pm \int d \pm$

3 Conclusion

We have shown that we are able to completely satisfy the Einstein equations

$$B_{\tau}(\tau,\chi,\rho) = B_{\tau}(\tau,\chi,\rho) = \int_{0}^{\infty} d\tau \tau \sigma^{\infty} where \sigma$$
 is the standard eight

in the absence of the Lagrangian ξ

$$\sigma \equiv B_{\tau}(\tau, \chi, \rho) = \int_{0}^{\infty} d\tau \sigma^{\infty}$$

 σ is the standard eigenvalue model. The third order differential equation in the non-eigenergistic case can be written in the

4 Acknowledgments

Heidi Moos, Maynard Olesen and Stefan Zweig thank Heriberto J. Saldarri for the hospitality, warm hospitality and the kind hospitality of the Madrid office. I also thank M. Molina and A. Heredia for fruitful discussions and kind hospitality in Madrid. I would like to thank the many people who have supported my work in the past years. This work is an honour to my parents, who support this form of research. This work is also a joy to my wife G. and my children, who work in this form of research. I would also like to thank M. Molina and A. Heredia for fruitful discussions.