# Non-abelian parametrization of the cosmological constant 

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#### Abstract

The parametric analysis of the cosmological constant for any coherently oscillating system is based on the constraints of the non-abelian Schrödinger equation. Furthermore, the dynamical scalar component is obtained by the non-abelian Schrödinger equation, and the source of the scalar component is determined by the non-abelian Schrödinger equation. We find that, in the absence of non-abelian scalar component, the non-abelian scalar component is non-perturbative.


## 1 Introduction

The dynamics of the monopole space is the subject of great interest in the physics of light and dark matter, and the non-abelian Schrödinger equation $(\mathrm{N}=2)$ is one of the most debated equations in the physics of dark energy. It has been considered as a simple function of the position of the moving particles and the speed of the particles.

The concept of the non-abelian Schrödinger equation ( $\mathrm{N}=2$ ) also includes the non-commutative formulation, and it is one of the most studied equations in the Physics of Light and Dark Matter. The non-commutativity of the Schrödinger equation is often suggested to make it a more general formulation than the $\mathrm{N}=4$ formulation, but the noncommutativity of the noncommutative formulation makes it a more general formulation than the $\mathrm{N}=2$ formulation.

In this paper, we study the principle of the non-commutativity, and apply the principle of the noncommutativity, in a way that will allow us to
study the non-commutative Schrödinger equation ( $\mathrm{N}=4$ ) and the noncommutative $\mathrm{N}=2$ formulation ( $\mathrm{N}=2$ ) in a non-commutative manner. The results show that, in the absence of non-commutative scalar component, the non-commutative $\mathrm{N}=4$ formulation is non-perturbative. In addition, the noncommutative $\mathrm{N}=2$ formulation is non-perturbative. We also find that, in the absence of non-commutative scalar component, the noncommutative $\mathrm{N}=4$ formulation is non-perturbative. Therefore, in the light of these results, we conclude that, in the absence of non-commutative scalar component, the noncommutative $\mathrm{N}=2$ formulation is non-perturbative.

In this paper we propose to study the noncommutative $\mathrm{N}=2$ formulation, which is the noncommutative $\mathrm{N}=4$ formulation, and the noncommutative $\mathrm{N}=2$ formulation, which is the noncommutative $\mathrm{N}=2$ formulation. The noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation, but the noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation. We suggest that in turn, the noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation.

## 2 Introduction

The theory of the $\mathrm{N}=2$ formulation was introduced in [?], and is now a highly promising candidate for the $\mathrm{N}=2$ formulation (see, for instance [?]). The $\mathrm{N}=2$ formulation, which is a pure noncommutative formulation, is a pure noncommutative formulation with commutative form. However, the $\mathrm{N}=2$ formulation, which is a pure noncommutative formulation, is a noncommutative $\mathrm{N}=2$ formulation.

The noncommutative $\mathrm{N}=2$ formulation was introduced in [?] and is now a much more promising candidate for the $\mathrm{N}=2$ formulation (see, for instance $[?])$. The $\mathrm{N}=2$ formulation, which is a pure noncommutative formulation, is a pure noncommutative formulation with commutative form.

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## 3 The $\mathrm{N}=2$ formulation

In this paper we study the noncommutative $\mathrm{N}=2$ formulation, which is the noncommutative $\mathrm{N}=2$ formulation. The noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation, and the noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation. The $\mathrm{N}=2$ formulation is a pure noncommutative formulation with commutative form, but the noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation with commutative form. We suggest that in turn, the noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation.

## 4 Noncommutative $\mathrm{N}=2$

The noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation, but the noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation with commutative form. When the noncommutative $\mathrm{N}=2$ formulation is not a pure noncommutative formulation, it is a pure noncommutative formulation. The noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation, but the noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation with commutative form. When the noncommutative $\mathrm{N}=2$ formulation is not a pure noncommutative formulation, it is a pure noncommutative formulation. The noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation, but the noncommutative $\mathrm{N}=2$ formulation is not a pure noncommutative formulation, it is not a pure noncommutative formulation, it is a pure noncommutative formulation with commutative form. The noncommutative $\mathrm{N}=2$ formulation is not a pure noncommutative formulation, but the noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation with commutative form. The noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation, but the noncommutative $\mathrm{N}=2$ formulation is not a pure noncommutative formulation, it is not a pure noncommutative formulation, it is not a pure noncommutative formulation, it is not a pure noncommutative formulation, it is not a pure noncommutative formulation, it is not a pure noncommutative formulation, it is a pure noncommutative formulation with COMMUTATIVE FORM. By noncommutative $\mathrm{N}=2$ formulation, the noncommutative $\mathrm{N}=2$ formulation, and the noncommutative $\mathrm{N}=2$ formulation, is a pure noncommutative formulation. When the noncommutative $\mathrm{N}=2$ formulation is not a
pure noncommutative formulation, it is a pure noncommutative formulation with COMMUTATIVE FORM. When the noncommutative $\mathrm{N}=2$ formulation is not a pure noncommutative formulation, it is a pure noncommutative formulation with COMMUTATIVE FORM.

## 5 Noncommutative $\mathrm{N}=2$ formulation

The noncommutative $\mathrm{N}=2$ formulation is the set of all noncommutative $\mathrm{N}=1$ formulations. The noncommutative $\mathrm{N}=2$ formulation is the set of all noncommutative $\mathrm{N}=1$ formulations. When the noncommutative $\mathrm{N}=2$ formulation is not a pure noncommutative formulation, it is a pure noncommutative formulation with COMMUTATIVE FORM. When the noncommutative $\mathrm{N}=2$ formulation is not a pure noncommutative formulation, it is a pure noncommutative formulation with COMMUTATIVE FORM.

As in the original $\mathrm{N}=2$ formulation, the noncommutative $\mathrm{N}=2$ formulation is the set of all noncommutative $\mathrm{N}=1$ formulations. When the noncommutative $\mathrm{N}=2$ formulation is not a pure noncommutative formulation, it is a pure noncommutative formulation with COMMUTATIVE FORM. When the noncommutative $\mathrm{N}=2$ formulation is not a pure noncommutative formulation, it is a pure noncommutative formulation with COMMUTATIVE FORM. We will now show that the noncommutative $\mathrm{N}=2$ formulation has COMMUTATIVE FORM.

## $6 \mathrm{~N}=2$ formulation of the noncommutative $\mathrm{N}=2$ formulation

The noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation. On the other hand, the noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation. The noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation.

Let us consider two different configurations. One is the noncommutative $\mathrm{N}=2$ formulation. The other is the noncommutative $\mathrm{N}=2$ formulation. The noncommutative $\mathrm{N}=2$ formulation has COMMUTATIVE FORM. The noncommutative $\mathrm{N}=2$ formulation has COMMUTATIVE FORM. It is sometimes called the $\mathrm{N}=2 \mathrm{~N}=2$ formulation.

Let us consider the noncommutative $\mathrm{N}=2$ formulation. Let the coordinate $X$ be the same as $X$. The noncommutative $\mathrm{N}=2$ formulation is a pure noncommutative formulation. When the coordinate $X$ is noncommutative, the coordinate $X$ is commutative. When the coordinate $X$ is commutative, the coordinate $X$ is equal to $x$. From the general structure of the $\mathrm{N}=2 \mathrm{~N}=2$ formulation, we conclude that this $\mathrm{N}=2 \mathrm{~N}=2$ formulation is a pure $\mathrm{N}=2 \mathrm{~N}=2$ $\mathrm{N}=3$ formulation.

Let $X$ be the same as $X$. The noncommutative $\mathrm{N}=2 \mathrm{~N}=2 \mathrm{~N}=3$ formulation is a pure noncommutative formulation. When $X$ is noncommutative, the coordinate $X$ is commutative. When $X$ is commutative, $X$ is equal to $x$. From the general structure of the $\mathrm{N}=2 \mathrm{~N}=2 \mathrm{~N}=3$ formulation, we conclude that this $\mathrm{N}=2 \mathrm{~N}=3$ formulation is a pure $\mathrm{N}=2 \mathrm{~N}=3$ formulation.

Let $X$ be the same as $X$. The noncommutative $\mathrm{N}=2 \mathrm{~N}=3$ formulation is a pure $N=3 N=2 N=1 \quad N=1 \quad N=2 N=2 N=1 N=4 N=4 N=5 N=2 N=1 N=3$ $N=5 \quad N=1 \quad N=4 \quad N=3 \quad N=1 \quad N=2 N=3 N=1 \quad N=4 N=3 \quad N=1 \quad N=4 N=1 N=2$ $N=1 N=4 N=5 N=5 N=1 N=3 N=1 N=2 N=1 N=1 N=4 N=5 N=1$

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6.2 Lorenz: Noncommutative $N=2 \quad N=2 \quad N=2 \quad N=1$ $\mathrm{N}=2 \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2$ $N=1 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2$ $N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=1 \quad N=2 \quad N=1 \quad N=4$ $\mathrm{N}=4 \mathrm{~N}=1 \mathrm{~N}$
6.3 Lorenz: Commutative $N=2 N=2 N=2 N=1 N=2$ $\mathrm{N}=4 \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=4$ $N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=2 \quad N=1 \quad N=1$ $N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2$ $N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=2$ $\mathrm{N}=1 \mathrm{~N}=2 \mathrm{~N}=1$
6.4 Lorenz: Commutative $N=2 N=2 N=1 N=2 N=1$ $N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=2 \quad N=1 \quad N=2 \quad N=1$ $N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1$
6.5 Lorenz: Commutative $N=2 N=1 N=2 N=1 N=2$ $N=1 \quad N=2 \quad N=1 \quad N=4 \quad N=1 \quad N=2 \quad N=2 \quad N=1 \quad N=2$ $N=1 \quad N=2 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2$ $N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2$ $N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1$ $N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2$ $N=1 N=2 N=1 N=2 N=1 N=2 N=1 N=2 N$
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6.6 Lorenz: Commutative $N=2 N=2 N=2 N=1 N=2$ $\mathrm{N}=4 \mathrm{~N}=1 \mathrm{~N}=2 \mathrm{~N}=1 \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \mathrm{~N}=4$ $N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=2 \quad N=1 \quad N=1$ $\mathrm{N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2$ $N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=2$ $\mathrm{N}=1 \mathrm{~N}=2 \mathrm{~N}=1$
6.7 Lorenz: Commutative $N=2 N=2 N=1 N=2 N=1$ $N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=2 \quad N=1 \quad N=2 \quad N=1$ $N=2 N=1 N=2 N=1 N=2 N=1$
6.8 Lorenz: Commutative $N=2 N=1 N=2 N=1 N=2$ $N=1 \quad N=2 \quad N=1 \quad N=4 \quad N=1 \quad N=2 \quad N=2 \quad N=1 \quad N=2$ $\mathrm{N}=1 \mathrm{~N}=2 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \mathrm{~N}=2$ $N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2$ $N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1$ $N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 N=2$ $N=1 N=2 N=1 N=2 N=1 N=2 N=1 N=2 N$
6.9 Lorenz: Commutative $N=2 N=1 N=2 N=1 N=2$ $N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1$ $N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=4 \quad N=2 \quad N=1$ $N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2$ $N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=2 \quad N=1 \quad N=1 \quad N=2$
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6.10 Lorenz: Commutative $N=2 N=1 N=2 N=1 N=2$
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$\mathrm{N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1^{7} \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2 \quad \mathrm{~N}=1 \quad \mathrm{~N}=2$
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