

Cross-section of the $\text{AdS}_3/\text{CFT}_2$ gravity coupled to the scalar fields

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Abstract

This article reviews the cross-section of the $\text{AdS}_3/\text{CFT}_2$ gravity coupled to the scalar fields. It is shown that the apparent size of the scalar fields depends on the scalar field fields and the curvature of the AdS_3 space is the same as the space of the scalar fields.

1 Introduction

The AdS/CFT_2 (AdS^2) *is a stringy and brane-oriented event horizon, formed by the gravitational action* brane. It has been of great interest in the physics of gravitational waves, and the coupling of gravity and black hole physics was recently proposed [1]. It is believed that, if the $\text{AdS}_3/\text{CFT}_2$ ($\text{AdS}_1/\text{CFT}_2$) is considered, a stringy black hole event horizon existed in the past [2].

The $\text{AdS}_3/\text{CFT}_2$ (AdS^2) *is an Einstein – Rosen black hole. The $\text{AdS}_7/\text{CFT}_2$ ($\text{AdS}_7/\text{CFT}^2$)* is a stringy event horizon formed by the gravitational action of a distant U_7 -brane.

The $\text{AdS}_{-1,0}/\text{CFT}_2$ ($\text{AdS}_1/\text{CFT}^2$) is a stringy event horizon formed by the gravitational action of a distant U_3 -brane. It is well known that the $\text{AdS}_{-1,0}/\text{CFT}_2$ ($\text{AdS}_1/\text{CFT}^2$) is also a stringy black hole event horizon, and is also believed to exist in the past.

The connection between $\text{AdS}^2/\text{CFT}^2$ and the current $\text{AdS}^2/\text{CFT}_2$ ($\text{AdS}_7/\text{CFT}^2$) was proposed in [3]-[4][3][3]. In the present context, this connection is connected to the $\text{AdS}_3/\text{CFT}_2$ ($\text{AdS}_1/\text{CFT}^2$) and the $\text{AdS}_3/\text{CFT}_2$ ($\text{AdS}_7/\text{CFT}^2$) and the $\text{AdS}_3/\text{CFT}_2$ ($\text{AdS}_7/\text{CFT}^2$) and the $\text{AdS}_3/\text{CFT}_2$ ($\text{AdS}_7/\text{CFT}^2$) and

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