



清华大学高等研究院

Institute for Advanced Study, Tsinghua University

学术报告

Title: Holomorphic Chern-Simons theory coupled with Kodaira-Spencer gravity

Speaker: 李思 教授
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Time: 2:00pm, Friday, June 26, 2015

Venue: Conference Hall 322, Science Building, Tsinghua University

Abstract

We describe the universal deformation of holomorphic Chern-Simons theory in the large N by Kodaira-Spencer gravity on Calabi-Yau background. We construct its quantization via BRST deformation theory, which leads to a mathematical realization of B-twisted open-closed string field theory.

Preprint: hep-th/1505.06703.