

Spring School 2024 @Izukawana

Moduli stabilization

on (for/at ?) supersymmetric magnetized D9-brane model

Abe Lab. M1

Itsuki Miyane

Saturday, April 6th, 2024

*I will speak in Japanese though this slide is written in English.

Topics

- Review the senior thesis
- Report progress and difficulties I met

Introduction

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Such a field is called **moduli fields**.

Moduli stabilization

...

These procedures are called **moduli stabilization**.

Purpose of my study

We will discuss the **moduli stabilization** on **magnetized torus model**.

Magnetized torus model

Torus compactification and Magnetic flux

Determination of the overall factor

F-term potential

Summary

Reference

[1] hogehoge