#### Spring School 2024 @Izukawana

#### Moduli stabilization

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

Abe Lab. M1

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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

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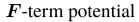
## Purpose of my study

We will discuss the moduli stabilization on magnetized torus model.

# Magnetized torus model

Torus compactification and Magnetic flux

## Determination of the overall factor



## Summary

Reference

[1] hogehoge