

# INFINITY

## The Mathematics Club

IISER Mohali

November 4, 2022

RONALD HUIDROM, Mathematics Major (4th year)  
Convener

JOSHUA ABRAHAM, Mathematics Major (3rd year)  
Co-convener

# The Vision of Infinity

Mathematics is fun — and it's more fun when we do it together. The club welcomes everyone on board and spreads the joy of doing mathematics.

# Who is Infinity for?

# Who is Infinity for?

Infinity is for everyone.

# Who is Infinity for?

Infinity is for everyone.

More precisely, Infinity is for people who love creating and solving logic puzzles, riddles, games, codes and such.

# Who is Infinity for?

Infinity is for everyone.

More precisely, Infinity is for people who love creating and solving logic puzzles, riddles, games, codes and such.

Even if you think you are *not* good at mathematics, there is always something you can do in the club and enjoy.

# Club Activities

The Cool Stuff for Everyone



# Club Activities

The Cool Stuff for Everyone

## 1 Hackathons

- ▶ Teams work together on a set of puzzles, games, math problems within a time limit.

# Club Activities

The Cool Stuff for Everyone

## ① Hackathons

- ▶ Teams work together on a set of puzzles, games, math problems within a time limit.

## ② Code Breaking

- ▶ Both teams and individual.

# Club Activities

The Cool Stuff for Everyone

## ① Hackathons

- ▶ Teams work together on a set of puzzles, games, math problems within a time limit.

## ② Code Breaking

- ▶ Both teams and individual.

## ③ Game Nights

- ▶ Solve puzzles, games from combinatorial game theory, game on graphs and more.

# Club Activities

The Cool Stuff for Everyone

## ① Hackathons

- ▶ Teams work together on a set of puzzles, games, math problems within a time limit.

## ② Code Breaking

- ▶ Both teams and individual.

## ③ Game Nights

- ▶ Solve puzzles, games from combinatorial game theory, game on graphs and more.

## ④ Magic Showcase

- ▶ People showing off their magic skills, like card tricks.

# Club Activities

The Nerdy & Geeky Stuffs for People Who Actually Love Mathematics

# Club Activities

The Nerdy & Geeky Stuffs for People Who Actually Love Mathematics

## 1 Talk Series

- ▶ Talks by math majors/PhDs/professors on various topics such as their summer internships/thesis/research or just fun things.

# Club Activities

The Nerdy & Geeky Stuffs for People Who Actually Love Mathematics

## 1 Talk Series

- ▶ Talks by math majors/PhDs/professors on various topics such as their summer internships/thesis/research or just fun things.

## 2 Special Groups

- ▶ We are planning on creating and supporting student groups for learning different fields of math like computational math group, geometry and topology group... etc.

# Upcoming Events



# Upcoming Events

- ① Hackathon: Infinity War
  - ▶ Expected time: mid-November
  - ▶ Teams of four: one math/physics major, three ms21/ms22 students
  - ▶ You brainstorm and solve puzzles, games, problems within a time limit.

# Upcoming Events

## ① Hackathon: Infinity War

- ▶ Expected time: mid-November
- ▶ Teams of four: one math/physics major, three ms21/ms22 students
- ▶ You brainstorm and solve puzzles, games, problems within a time limit.

## ② Battle Royal: Code Breaking

- ▶ Expected time: early-January
- ▶ Individually compete.

We are looking forward to interacting with you all.