

SOME NEW WAYS TO FIND AND VISUALIZE KNOT ISOTOPIES

ABSTRACT

Untangling unknots has been a fun pastime since at least the Victorian era. (And there are some great phone games as well, now!) But now AI can play, and it turns out to be surprisingly bad at the game. In this talk, we talk about some ways to look at knot and unknot puzzles mathematically and computationally and talk about why you might seriously want to solve a lot of them in a short period of time. The key turns out to be new and interesting ways to find and visualize moves that you can make on the diagrams.



FRIDAY, APRIL 11



US PACIFIC.....9AM
US EASTERN.....12PM
CENTRAL EUROPE.....6PM

Featuring "Show and Ask" Presenters

Connor Lehmacher

SUNY Stony Brook

Ilya Sheprut

Youtuber



JASON CANTARELLA

University of Georgia

The talk will be on
Zoom. Scan this
QR code to join!



<https://illustratingmath.org/>

Illustrating Math Seminar Online
Second Friday of Every Month

