**Distressing Math Collective Presents** 

## Peg Duotaire

Presented By: Sarah Lohrey '25

Abstract: Peg duotaire is an impartial two-player combinatorial game where players alternate making hops to remove pegs. Based on peg solitaire, where a commonly known variant is the Cracker Barrel peg game, peg duotaire is a variation of this game that is played on simple graphs. We explore the winning strategies of peg duotaire on different graph classes and sizes and among different variations of the game such as normal, misère, and directed play, as well as multihop.



When: Wednesday, January 31st from 7 pm-8 pm Where: Park 245 or via Zoom Zoom Info: Meeting ID: 958 0798 2212 Password: 792030