

DREXEL ANALYSIS SEMINAR

November 4, 2022

2-3 PM, Korman 245

Speaker: Yaqi Zhang (Drexel)

Title: Cops and Robber Game in Zero Forcing

Abstract: The Cops and Robber Game is a pursuit-evasion game played on a graph in which some cops try to catch a single robber. The game is played over a finite sequence of time-steps in which the cops and robber take turns moving along the edges of the graph to neighboring vertices. In this talk, we'll look at some parameters related to the game and zero forcing, and the applications to shadow graphs.