Department of Mathematics and Computer Science

Tuesday 25 April 2017 at 4:00 pm

Graduate Student Presentations

Old Main 2231

Andy Janes

The Multistep Friendship Paradox

The friendship paradox, proved by Feld in 1991, states that "on average, your friends have more friends than you do." In fact, Feld proved two versions of the paradox. We discuss generalizations of each of them that talk about the average number of friends that, for instance, a friend of a friend of a friend of a friend has.

Brianna Lytle

Using Graph Theory to Establish Bounds on a Game of Sprouts

Sprouts is a game played with pen and paper on a finite set of m points. This talk considers upper and lower bounds on the number of plays in a complete game of Sprouts.