



Department of Mathematics and Statistics

Colloquium

Tuesday February 13

AMB 164 4:00 - 5:00 pm

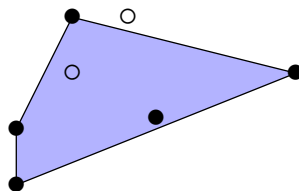
Impartial Avoidance and Achievement Games in Closure Systems

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Abstract

Abstract: Consider some points on the plane. Two players alternately select previously unselected points. The first player who makes the convex hull of the jointly selected points contain all the points wins. We develop some tools to analyze this game and other similar games using nim numbers and the abstract idea of closure. Joint work with Bret Benesh and Dana Ernst.



Refreshments at 3:45