Combinatorics and Graph Theory Seminar

Wednesday, September 17, 2014

3:00 pm-3:50 pm in Hume 331

The Matroids Without a Small Minor

Dr. James Reid

University of Mississippi

ABSTRACT This talk includes an introduction to Matroid Theory, an exposition of classical results on graph minors, and extensions of these results from graphs to matroids. Joint work with Kayla Harville and Haidong Wu is presented on excluded minors in the classes of regular and binary matroids. The proofs of these results are both theoretical and computer-based.