

Combinatorics Seminar

Thursday, September 8, 2005

1:00 pm in Hume 331

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Recent results on Clones in Matroids

ABSTRACT

Results that relate subsets of a matroid to minors of that matroid are important tools in the study of matroid representability. We extend these results to consider subsets of matroids that contain clones. A pair of elements x and y in a matroid are clones if the map that fixes all other elements and interchanges x and y is an automorphism. This work is joint with Jakayla Robbins and Carla Cotwright.