CO446/646 Matroid Theory

This course is an introduction to classical matroid theory with applications to graph theory.

Topics include representable matroids; graphic matroids; duality; minors; graph matching; connectivity; characterizations of binary, graphic, and regular matroids; matroid intersection and its applications; growth rates of minor-closed classes.

Instructor. Jim Geelen (jgeelen@math), MC5020.

Suggested reading.

Grading 442/642
  Assignments  40%
  Final Exam    60%

Assignments. There will be approximately 6