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## An introduction to matroids and their relationship to hyperplanes

## Abstract for the Combinatorics Seminar 2007 May 8

A matroid is an object that generalizes the property of linear independence. This talk will give an introduction to matroids, establish some of their elementary properties, and explore the connection between matroids and hyperplanes. This talk is based on Whitney's "On the Abstract Properties of Linear Dependence."

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