Tropical complexes

Dustin Cartwright
Yale University

Abstract: A tropical complex is a simplicial complex together with some additional numerical, which come from a semistable degeneration of a variety. Tropical complexes generalize to higher dimensions some of the analogies between curves and graphs which has been studied in tropical geometry. I will introduce tropical complex and talk about some of the connections to classical algebraic geometry.

Tuesday, October 23, 2012, 5:00 pm
Mathematics and Science Center: W306