Graduate Seminar in Mathematics

Mr. Michael Watson
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Thursday, March 12, 2015
1 - 2 pm in HH-3017

Ramsey Theory

Abstract:
   The Ramsey Theorem guarantees that if the number of vertices on a 2-colored complete graph is large enough, then we are guaranteed to find some structure of a desired size. This can be generalized to a k-coloring, where k is a finite positive integer. We will explore the proofs of these theorems and some of their applications.