

University of Notre Dame Department of Mathematics
LOGIC AND COMBINATORICS SEMINAR

David Galvin

University of Notre Dame

Will give a lecture entitled:

Szemerédi's regularity lemma (II)

On

Thursday, February 10, 2011

At

11:00 AM

In

125 Hayes-Healy Hall

Abstract

In this second of a series of talks on Szemerédi's regularity lemma, I will use the lemma to prove the first non-trivial case of the Erdős-Stone theorem. Then, as far as time permits, I will set up the background for Roth's theorem on 3-term arithmetic progressions.