

*Department of Mathematics,  
University of California San Diego*

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# Math 295 - Mathematics Colloquium

**Prof. Jacob Fox**

Stanford University

## Regularity methods: applications and limitations

**Abstract:**

Szemerédi's regularity lemma and its variants are among the most powerful tools in combinatorics, with myriad applications in combinatorics, number theory, discrete geometry, and theoretical computer science. This talk will survey some of the most exciting recent developments in this area.

Host: Andrew Suk

**Tuesday, March 19, 2019**

**4:00 PM**

**AP&M 6402**

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