

## **abstract**

COMPUTER SCIENCE/DISCRETE MATH II

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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We give three different analytic interpretations of Szemerédi's famous Regularity Lemma. The first one is a general statement about Hilbert spaces. The second one presents the Regularity Lemma as the compactness of a certain metric space. The third one relates the Regularity Lemma to "dimensionality".