Dokuz Eylül University Faculty of Science
Department of Mathematics
SEMINAR

Expander Graphs, Gonality of Curves and Galois Representations

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ABSTRACT

In this talk, I will first introduce expansion in graphs and an invariant of algebraic curves (i.e. gonality). Then, using these notions, I will sketch the proof of a result stating that the images of certain Galois representations varying in a one-dimensional family are generically large.

Date & Time: 08 January 2016, Friday at 13:30

Seminar Room: B206

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