Graduate Number Theory Seminar
Spring 2018

A Walk through Waring's Problem

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Tuesday, May 15, 2018, 1:00 p.m.
Room South Hall 6635

Abstract: A natural generalization of Lagrange's Four Square Theorem, Waring's Problem asks about representing integers as sums of kth powers. After introducing the problem, we will discuss the Hardy-Littlewood Circle Method and some of its variations. We will look into how current results were achieved and how modern tools can be used to further sharpen the bounds to this classical question.

Information about future meetings can be found at `https://web.math.ucsb.edu/GNTseminar/`