



UNIVERSITY OF CALIFORNIA RIVERSIDE

DEPARTMENT OF MATHEMATICS

COLLOQUIUM

Dr. Alexander Duncan
(UCLA)

“Essential Dimension”

Abstract:

Informally, the essential dimension of an algebraic object is the minimal number of parameters required to describe it. In this talk, I will discuss the essential dimension of finite groups and its connections to the simplification of polynomials, inverse Galois theory, and algebraic variants of Hilbert's 13th problem.

Wednesday, May 16th, 2012

Surge 284

4:10-5:00pm

Tea Time at 3:40pm