

Queen's Algebraic Geometry — Seminar —

WHAT THE HILBERT FUNCTION CAN DO FOR TENSOR ANALYSIS

LUCA CHIANTINI
Università di Siena

Abstract

We introduce some recent development in the interactions between Algebraic Geometry and the study of tensors in Multilinear Algebra. In particular, we describe how results on the Hilbert function of finite sets in projective spaces can be used to determine the identifiability of a symmetric tensor.

Monday 1 December 2014
16:30–17:30
319 Jeffery Hall