Queen's Algebraic Geometry
— Seminar —

Secant varieties of toric varieties

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Abstract

Let X be a smooth complex variety of dimension n embedded in $\mathbb{P}^r$. The secant variety of X, $\mathrm{Sec}(X)$, is the closure of the union of all of the secant lines of X. I will discuss how to compute the dimension and degree of $\mathrm{Sec}(X)$ when X is a toric variety. This is joint work with David Cox.

Monday, January 17, 2004
2:30pm – 3:30pm
422 Jeffery Hall