

Queen's Algebraic Geometry — Seminar —

HILBERT-KUNZ FUNCTIONS

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Abstract

This talk will give an introduction to Hilbert-Kunz functions, including basic facts and what is currently known about them. In addition, I will present a new result (joint with Craig Huneke and Paul Monsky) regarding the existence of a second coefficient in the Hilbert-Kunz function of an \mathfrak{m} -primary ideal in a normal local ring of positive characteristic.

Monday, February 28, 2004
2:30pm – 3:30pm
422 Jeffery Hall