



UNIVERSITY OF CALIFORNIA RIVERSIDE

DEPARTMENT OF MATHEMATICS

Colloquium

Dr. Kuei-Nuan Lin
(UCR)

“Rees algebras of ideals over a polynomial ring”

Abstract:

This talk is accessible to anyone who knows the definition of an ideal in a polynomial ring. I will start with the definition of Rees algebras, which correspond to blowups in algebraic geometry. Then I will talk about all the work I have done on Rees algebras over the past two-and-a-half-years at UCR. This work encompasses four separate collaborations with L. Fouli, C. Polini, J. McCullough, and T. Ha.

Wednesday, January 16th, 2012

Surge 284

Tea Time 3:40 p.m. – Talk Begins 4:10 p.m.