

Rees algebras of grade three Gorenstein ideals

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The talk will deal with defining ideals of Rees algebras, mainly Rees algebras of grade three Gorenstein ideals. Complexes that approximate the resolutions of the symmetric powers of such ideals will appear as an important tool. This is joint work with Andy Kustin and Claudia Polini. Recent results of two of my students, Monte Cooper and Edward Price, will also be mentioned.