



Speaker: David Cook
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Friday, November 1, 2013
3:10 PM
117 Hayes-Healy Hall

Title: An introduction to Boij-Soederberg theory

Abstract:

Boij-Soederberg theory describes the Betti tables of standard graded modules over the polynomial ring, up to scaling by a rational number. In particular, it provides an algorithm to decompose the Betti table of a standard graded module into a positive linear combination of pure Betti tables, i.e., Betti tables that have only one entry per column.