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David A. Jorgensen* (djorgens@uta.edu), **Liana Sega** and **Peder Thompson**. *Asymptotic Behavior of Ext over graded complete intersections.*

It is well known that for a pair of modules over a complete intersection, when all higher Ext modules have finite length, then the lengths of these higher Ext modules grow polynomially. In fact, the lengths are determined by two polynomials, one giving the lengths of the even Ext, and one giving the lengths of the odd Ext. In this talk we will discuss conditions when these two polynomials have the same leading coefficient. This is equivalent to the vanishing of the Herbrand difference, or Hochster's Theta invariant, a phenomenon studied by several authors in recent papers. This is Joint work with Lian Sega and Peder Thompson. (Received March 02, 2020)