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Michaela Vancliff* (vancliff@uta.edu), Department of Mathematics, University of Texas at Arlington, Arlington, TX 76019-0408. *Defining a Notion of Noncommutative Complete Intersection via Base-Point Modules.*

This talk will focus in part on joint work with T. Cassidy regarding a definition of complete intersection using base-point modules in the context of skew polynomial rings. We will also discuss work by the speaker that extends the definition to more general algebras. (Received January 27, 2014)