

1146-13-348

Josh Pollitz* (jpollitz@huskers.unl.edu), University of Nebraska-Lincoln. *Cohomological support over derived complete intersections.*

I will discuss a theory of cohomological support for pairs of DG modules over a Koszul complex. These specialize to the support varieties of Avramov and Buchweitz defined over a complete intersection ring. I will discuss some properties and applications of these support sets; some of which recover results for pairs of complexes with finitely generated homology defined over a complete intersection. (Received January 26, 2019)