1078-32-333   **Terence Gaffney*** (`t.gaffney@neu.edu`), Department of Mathematics, Northeastern University, Boston, MA 02115. *Multiplicity of pairs of modules and singularities.*

Gaffney's work on equisingularity conditions provides a framework for describing the geometry of singularities in many settings. Here we discuss joint work with Nivaldo Grulha Jr. for calculating local contributions to Chern numbers of families of differential forms on singular spaces. If time permits, recent improvements to the framework, lessening dependence on the families of objects, will be described. (Received December 12, 2011)