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Sankar P Dutta* (dutta@math.uiuc.edu), Department of Mathematics, University of Illinois, Urbana, IL 61801. *Intersection Multiplicity, Local and Global*. Preliminary report.

We will present several results to demonstrate the difference in nature between local and global versions of Intersection Multiplicity. Gabber's idea and characteristic-p-techniques will play an important role in our topic. (Received August 03, 2006)