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**Yu Xie\*** ([xieyucn@gmail.com](mailto:xieyucn@gmail.com)), Department of Mathematics and Statistics, Penn State Altoona, Altoona, PA 16601. *Generalized mixed Hilbert multiplicities*. Preliminary report.

I am going to talk about how to generalize the concept of classical mixed multiplicities to any ideals and apply them to intersection theory and singularity theory. (Received July 05, 2015)