Meeting: 1006, Lubbock, Texas, SS 4A, Special Session on Homological Algebra and Its Applications

1006-13-188 **Mara D Neusel*** (`Mara.D.Neusel@ttu.edu`), Dept of Math, MS 1042, Texas Tech University, Lubbock, TX 79409. *Primary Decomposition for Algebras with a Hopf algebra action.* Preliminary report.

We show how to construct invariant primary decompositions from arbitrary primary decompositions.This is joint work with Piotr Wisniewski from Torun, Poland. (Received February 14, 2005)