

Meeting: 998, Houston, Texas, SS 21A, Special Session on Homological Algebra of Commutative Rings

998-13-247 **Ryan Karr*** (rkarr@fau.edu) and **Lee Klingler** (klingler@fau.edu). *Torsion-free ranks of indecomposable modules*. Preliminary report.

R. Wiegand has posed the following conjecture: *Let Λ be a reduced one-dimensional Noetherian ring. Assume that no residue field of Λ is imperfect of characteristic two. Then Λ has tame representation type if and only if there is a bound on the torsion-free ranks of the indecomposable finitely generated Λ -modules.* We will outline a proof of this conjecture. (Received February 29, 2004)