

Meeting: 1004, Bowling Green, Kentucky, SS 11A, Special Session on Commutative Ring Theory

1004-13-64 **Bruce Olberding*** (olberdin@nmsu.edu), Department of Mathematical Sciences, Las Cruces,
NM 88003-8001. *Prime ideals of injective dimension one*. Preliminary report.

We classify for integral domains the prime ideals of injective dimension 1. Although the main results are homological in nature, the techniques are mostly from multiplicative ideal theory. (Received January 14, 2005)