

1024-13-184

K Alan Loper* (lopera@math.ohio-state.edu), Department of Mathematics, Ohio State University - Newark, Newark, OH 43055. *A generalization of the notion of grade of a commutative domain.* Preliminary report.

In this talk we discuss what we call the absolute grade of a commutative domain. In particular, the absolute grade of a domain D is the maximal length of a regular sequence in an overring of D . (Received January 08, 2007)