

1086-11-1234

**John Voight\*** (jvoight@gmail.com), Department of Mathematics, University of Vermont, 16 Colchester Ave, Burlington, VT 05401. *Discriminants and the monoid of quadratic rings.*

We consider the natural monoid structure on the set of quadratic rings over an arbitrary base scheme and characterize this monoid in terms of discriminants. (Received September 20, 2012)