

1047-22-303

**Kobi Kremnizer\*** ([kremnize@math.uchicago.edu](mailto:kremnize@math.uchicago.edu)). *Localization for singular weights and finite W-algebras.*

I will describe Beilinson-Bernstein type localization theorems for semisimple Lie algebras at a singular weight and for finite W-algebras. (Received January 31, 2009)