**Title:** Finiteness for class numbers for groups over global fields.

Abstract: For any linear algebraic group over a number field (not necessarily reductive), one can define "class numbers" that for GL(1) recover the notion of size of generalized ideal class groups. It is a nontrivial theorem of Borel that such class numbers are always finite, but his method does not carry over to global function fields. Later work of Borel and Prasad proved the same result over all global fields for connected semisimple groups of adjoint type. By using some non-reduced groups we build on the Borel-Prasad result to prove finiteness of class numbers for all smooth affine groups over global function fields. We also give counterexamples if smoothness is dropped as a hypothesis.