
MICHAEL GROECHENIG, University of Toronto

Bialynicki-Birula theory for quotient stacks

BB-theory allows one to describe motivic invariants of a variety acted on by a torus in terms of the fixpoints. It is a useful computational tool akin to Morse theory in differential geometry. I will report on joint work in progress with Evan Sundbo devoted to extending Bialynicki-Birula theory to the setting of algebraic stacks.