
NICOLE LEMIRE, University of Western Ontario

Upper bounds for the Essential Dimension of a Moduli Stack of SL_n Bundles over a Curve

In joint work with Ajneet Dhillon, we find upper bounds for the essential dimension of various moduli stacks of SL_n bundles over a curve. When n is a prime power, our calculation gives the precise value of the essential dimension of the stack of stable bundles.