

## The Value of the Kac Polynomial at One Hans Franzen (Bochum)

The Kac polynomial is a function that counts isomorphism classes of representations of a quiver over finite fields. We compute a formula for the value of the Kac polynomial at 1 in terms of Kac polynomials (evaluated at 1) of the universal abelian covering quiver. The formula is achieved by applying torus localization methods to quiver varieties which were introduced by Hausel--Letellier--Rodriguez-Villegas. This is joint work with Thorsten Weist.