Contribution ID: 12

On the E -polynomial of parabolic $\operatorname{Sp}_{2n}\text{-}{\operatorname{character}}$ varieties

Wednesday, June 21, 2017 11:40 AM (30 minutes)

Abstract

In this talk, we find the E-polynomials of a family of parabolic Sp_{2n} -character varieties via arithmetic methods, namely counting points over finite fields. We deduce relevant topological information like Euler characteristic and number of the connected components.

Presenter: CAMBÒ, Vincenzo (SISSA, Trieste)