

On the E -polynomial of parabolic Sp_{2n} -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.

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