

Cohomology of finite Chevalley groups

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In 2011, Guralnick and Tiep obtained strong bounds for the dimension of $H^1(G, V)$ for G a finite Chevalley group defined in characteristic p and V an irreducible kG -module for $\text{char } k \neq p$. In this talk, we will take the results of Guralnick and Tiep and see what can be done to generalise them to $H^n(G, V)$.

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