

Towards an exotic representation theory

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I will discuss ongoing work with Radha Kessar and Gunter Malle in which we express local-global conjectures and results for finite groups of Lie type in terms of associated p -completed classifying spaces and Hecke algebras. This leads to generalisations to the so-called Chevalley p -local finite groups in [2], and possibly even to the setting of p -local compact groups in [1].

References

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