

Supercuspidal Representations: Construction, Classification, and Characters (2/2)

lundi 25 juillet 2022 11:00 (1h 20m)

We have seen in the first week of the summer school that the building blocks for irreducible representations of p -adic groups are the supercuspidal representations. In these talks we will explore explicit exhaustive constructions of these supercuspidal representations and their character formulas and observe a striking parallel between a large class of these representations in the p -adic world and discrete series representations of real algebraic Lie groups. A key ingredient for the construction of supercuspidal representations is the Bruhat–Tits theory and Moy–Prasad filtration, which we will introduce in the lecture series.

Summary

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