

Séminaire Groupes Réductifs et Formes Automorphes

Le 12 juin 2017 à 10h30 (PRG)

Supercuspidal L-packets

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Résumé : Harish-Chandra has given a simple and explicit classification of the discrete series representations of real reductive groups. We will describe a very similar classification that holds for a large proportion of the supercuspidal representations of p -adic reductive groups (which we may call regular). The analogy runs deeper : there is a remarkable parallel between the characters of regular supercuspidal representations and the characters of discrete series representations of real reductive groups. Guided by this parallel we will give an explicit construction that assigns to each supercuspidal Langlands parameter an L-packet consisting of (not necessarily regular) supercuspidal representations.