

THE UNIVERSITY



OF HONG KONG

Department of Mathematics

Representation Theory Seminar

Informal seminar on unipotent representations

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Abstract

We give a general overview of representations of a reductive p -adic group G . We start by introducing Bernstein components (which are certain subcategories of the category of smooth complex representations of G), and the Hecke algebras attached to these Bernstein components. Afterwards, we will introduce unipotent representations of G and we take a closer look at the Hecke algebras attached to the Bernstein components that contain these unipotent representations.

Date: January 16, 2024 (Tuesday)
Time: 1:30 - 4:30pm
Venue: Room 309, Run Run Shaw Building,
HKU

All are welcome