

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

Representation Theory & Number Theory Seminar

On Extensions and Parabolic Induction

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Abstract

We study the behaviour of Ext modules under the parabolic induction functor for the p -adic general linear group. As an application of our study, we obtain a homological variant of the local non tempered Gan-Gross-Prasad conjecture. This is based on joint work with Kei Yuen Chan.

Date: June 29, 2026 (Monday)
Time: 3:00 pm – 4:00 pm
Venue: Room 210, Run Run Shaw Building, HKU

All are welcome