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Seminar

Cellularity of the p - Kazhdan-Lusztig Basis for Symmetric Groups

by

Dr. Lars Thorge Jensen
EPFL and Institute for Advanced Study

Abstract:

After recalling the most important results about Kazhdan-Lusztig cells for symmetric groups, I will introduce the p -Kazhdan-Lusztig basis and give a complete description of p -cells for symmetric groups. After that I will mention important consequences of the Perron-Frobenius theorem for p -cells which provide one of the last missing ingredients for the proof of the cellularity of the p -Kazhdan-Lusztig basis in finite type A .

Date : December 9, 2020 (Wednesday)

Time : 4:00pm – 5:00pm (Hong Kong SAR)

Zoom link :

<https://cuhk.zoom.us/j/97838822137?pwd=ZTVvSC9abmNjR3RCcS9FTzJNTVhXdz09>

Meeting ID: 978 3882 2137

Passcode : sesame

All are Welcome