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Representation and Number Theory Seminar

Structure of Conjugacy Classes in Coxeter Groups

by

Professor Timothée Marquis
Université Catholique de Louvain

Abstract:

In this talk, I will present a definitive solution to the problem of describing conjugacy classes in arbitrary Coxeter groups in terms of cyclic shifts. After motivating the problem and reviewing its history, I will explain the key idea, of geometric nature, behind the proof of its solution.

Date : March 30, 2021 (Tuesday)

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