



Speaker: Khalid Bou-Rabee
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Tuesday, April 3, 2018

4:00 PM

258 Hurley Hall

Title: Detecting a group's properties through its finite quotients

Abstract:

Given a finitely generated group, G , what properties of G can we detect in finite group approximations of G ? I will survey progress on different approaches to this broad question while touching the theories of subgroup growth, intersection growth, quantifying residual finiteness, commensurability graphs, and random walks on groups.