PMATH 950 - Winter 2019
Group C*-Algebras

Instructor: Matthew Kennedy
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MC 5431

Lectures: WF 4:30 – 6:00
MC 5479

Prerequisites: Background in group theory, functional analysis and operator algebras.

Office hours: TBA

Topics: 1. Group C*-algebras and group von Neumann algebras
2. Representation theory and basic structure theory
3. Approximation and regularity properties
4. Dynamical systems and crossed products
5. Advanced structure theory

Grading: Assignments 40%
Project 40%
Participation 20%