

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:**
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|---------------|-----|
| Assignments | 40% |
| Project | 40% |
| Participation | 20% |