Math 9140

Oct 20, 2026

- HW3 due Thursday @ 2pm.
- presentation topics and dates
- final exam date – we'll wait for undergrad exam schedule

(I will share these notes after class.)

Presentation topics

FFT : AG1

Tanaka : AG1, DA2

S_n : RS + KN 1 ←

Haar : KN2

$SU(2)$: RS2

R(G) : DA1 —

$H^*(G)$: DA3

CB : CG1, ST1

Poincaré : CG2, ST2

opt top sys : JJ1 -

random walks : JJ2

particle phys : KB1

crystallography : KB2

semidir prod : RY1 —

$GL_2(\mathbb{F}_2)$: RY2

modular reps : ST

Presentation dates

Tu/Th : 1:30 – 3:30 (Th) or 2:00 – 4:00? (Tu)

Tu Nov 24 : DA, RY

Th Nov 26 : JJ, AG

Tu Dec 1 : ST, KB

Th Dec 3 : CG

Tu Dec 8 : RS, KN