

Math seminar Spring 2013, Prof Shelstad

Exercises in harmonic analysis

Based on:

- my notes posted on Blackboard
- problems and discussion on Blackboard forums
- guided discussion in class (M5W4, attendance mandatory)

Student presentations in class:

- must be based on or at least closely related to this material

Graduate students:

- are welcome to attend provided they are willing to assist registered students prepare their presentations

Here are some books:

- there is no need to buy any of them for this course
- you can read about each of them on amazon.com or see them in my office

Who is Fourier? Author: Transnational College of LEX
ISBN-13: **978-0964350434** (2012 edition)

An Introduction to Fourier Analysis and Generalized Functions Author: M. J. Lighthill
ISBN-13: **978-0521091282**

Fourier Analysis on Finite Groups and Applications Author: Audrey Terras
ISBN-13: **978-0521457187**

Fourier Analysis: an introduction Authors: Stein and Shakarchi
ISBN-13: **978-0691113845**

SL₂(R) Author: Serge Lang
ISBN-13: **978-0387961989**