

MAT236 FOURIER ANALYSIS: LITERATURE LIST

Text book: A. Boggess, F. J. Narcowich, A First Course in Wavelets with Fourier Analysis, 2nd Edition (2009)

Pensum:

- Chap 0: Inner product spaces / except 0.7 /
- Chap 1: Fourier series
- Chap 2: The Fourier Transform / except 2.5 /
- Chap 3: Discrete Fourier Analysis / except 3.1.4-3.1.6 /
- Chap 4: Haar Wavelet analysis
- Chap 5: Multiresolution Analysis
- Chap 6: The Daubechies Wavelets