

Assignment 6, Some due April 5

(I made this somewhat shorter than the previous assignments to help us get back on track.)

1 Fourier Series

Expand $\sin(x)$ in a cos series, or $\cos(x)$ in a sin series.

2 Fourier Transforms

Boas §7.12 #4, 9, 13

You may do #10 and #19 for extra credit.

3 Laplace Transforms

Boas §8.8 #2, 8

4 Laplace DE

Boas section 8.9 numbers 2 and 9