

Assignment 6, Due Wednesday March 1st, at the beginning of class

1 Fourier Series

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

2 Fourier Transforms

Boas §7.12 #1, 4, 9, 10, 13

You may do #19 for extra credit.

3 Application

Boas §7.13 #3, 4

4 Laplace Transforms

Boas §8.8 #2, 8