Assignment 7, Due Monday Feb 29th by 10:00 AM

1   Fourier Series

As assigned in class, you are to either expand $\sin(x)$ in a cos series, or $\cos(x)$ in a sin series.

2   Fourier Transforms

Boas §7.12 #1, 4, 9, 10
Related to #4 and 10, you may do #13 and 19 for extra credit.

3   Application

Boas §7.13 #4

4   Laplace Transforms

Boas §8.8 #2, 8
Boas §8.9 You may do #4 and 19 for extra credit, assuming they're familiar from last semester.