Math 325
Spring, 2000

ASSIGNMENT 9, due Friday, April 14

Read sections 10.4-10.6, 6.1-6.2.

Do p. 575 #17,18,21,22,35,36 p. 587 #1-3,6,10,14,20, p. 597 #1,2,5,17,

Also, on p. 575 #17,18 and #21,22 (with $L = \pi$) use Maple or Matlab to plot the function and the partial sums of the Fourier series for $m \leq N$ where $N = 2, 5, 10, 20$. Compare the corresponding plots.

The second project will be posted by Monday, April 10. It will be due Wednesday, April 26.