# Homework Assignment 11.

Given Dec 16, due Dec 29.

1. Section 8.1: Problems: 61, 63, 65. (Hint: $\sin x = \cos(x - \frac{\pi}{2})$)

2. Section 8.2: Problems: 7, 9, 13, 20, 26, 27, 28, 29, 32, 43, 47. (Hint: for problem 43, try also another method: let $x = \cos\theta$. Similar for problem 47.)

3. Section 8.3: Problems: 19, 20, 33, 34, 41, 42.

4. Section 8.4: Problems: 4, 5, 13, 36, 38, 43.