

Homework Assignment for Week 11

Assigned May 04, 2011.

1. Section 5.5: Problems 11, 23, 36, 37, 45, 49, 55.

2. Evaluate

$$\lim_{n \rightarrow \infty} \sum_{k=1}^n \frac{1}{n} \sin\left(\frac{k}{n}\right)$$

3. Section 5.6: Problems 53, 55, 56, 58, 67, 71, 73.

4. Section 6.1: Problems 45, 47, 59, 65.

5. Section 6.2: Problems 28(c), 32(remember to change the variable for f^{-1} from x to y as we discussed in class), 45, 46.