

Dartmouth College
Mathematics 23 - Assignment 13

1. Boyce and DiPrima, Sec. 5.1: 4

2. Find Taylor series for the following:
 - (a) $\cos(x^2)$ ($x_0 = 0$)

 - (b) \sqrt{x} ($x_0 = 1$). Just find the first few terms.

3. Boyce and DiPrima, Sec. 5.2: 1

4. Boyce and DiPrima, Sec. 5.2: 7

5. Boyce and DiPrima, Sec. 5.2: 20