**Section 3.1**

**6. Use appropriate Lagrange interpolating polynomials of degrees one, two, and three to**

**Approximate each of the following:**

**d if = 0.86199480, = 0.95802009, = 1.0986123**

**1.2943767**

**Section 3.1**

**8. The data for Exercise 6 were generated using the following functions. Use the error**

**formula to find a bound for the error and compare the bound to the actual error for the**

**cases n = 1 and n = 2.**

**d.**

**Section 3.5**

**8. Construct the clamped cubic spline using the data of Exercise 4 and the fact that**

**c. and**

**(hint find A0, B0, C0 D0, A1,B1,C1,D1) 8 answers total**

**Reference Exercise 4**

