Homework 3

Work the Problems in WeBWorK. Create or modify the lecture programs (preferably MatLab) for the iterative methods, then use these programs to solve the problems. In addition on your written part of the HW, answer the question below.

Work,
Burden-Faires: 2.6.7(bce). However, change the accuracy up to 10^{-8}. Include your code for Müller's method, and the iteration tables $\{x_k,\ f(x_k)\}_{k=0}^{n}$ for all problems. Finally, this is a quartic equation, so use Müller's method to find all four solutions, giving the initial values you use to locate the other three roots.