

Numerical Analysis - Homework 6

Professor:

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Office Hours:

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Homework Problems

You should try to write your own code to implement the bisection method for example 3.1.1 in the book, $f(x) = x^6 - x - 1$. Solution code written for this example posted, but please only look here to check your answers and debug your code. If you end up using portions of the code, please reference your source and add your words for why the code does what it does.

You should attempt all these problems before class, but we will work on them in class with our groups.

- Chapter 3.1 Problems 5, 7, 11

Number 5 asks you to solve the equations in problems 1 and 2 using your programmed Bisection method. If you find yourself running out of time on this assignment then it is okay to just do 3 out of the 7 functions (a)-(g) your choice.