

Faculty of Engineering
Electrical Engineering Department
2rd Year

Numerical Methods
Sheet 4
Locally convergent Methods



Problems are from Numerical Methods by John Mathews and Kurtis Fink (Fourth Edition)

A. Programming Exercises (Matlab)

1. Page 88-89: 1,3,4,9
2. Page 69: 1,3

B. Paper Homework

3. Page 85-88: 1,3,5,9,,13,15,18,22,23
4. Page 69: 1,3,5
5. Plot all the functions of the previous problem using Matlab and check for roots graphically.