1 Reading

Read Chapters 4-6 in Chapra (2011).

2 Book Problems


For Problems 5.10 and 5.13, iterate until $|x_{new} - x_{old}| < 0.1$ or the number of iterations reaches 3, whichever comes first.

Use appropriate headers and comments in all .m-files; show all your work. For each problem, report the approximate error or approximate relative error for your final answer. Where graphing is required, you may use Matlab, provided you turn in copies of all Matlab statements and their resulting plots.

A References
