Reading Assignment: Chapter 2 (2.1–2.6) of Moler on solving linear equations & Problem 7.22 on BVPs. Keep reading & rereading the “UNIX Tutorial for Beginners” (Intro–Tutorial 6) & the “C Programming Notes” (Chapters 1–12 & 14–18).

Homework 11

Due: Sun Apr 25 (by midnight by email)
email me with questions & for hints if you get stuck

(1) Tridiagonal solver. Take bvp1.c & replace the Gauss-Seidel solver with a tridiagonal solver, based on Moler’s MATLAB code in Chapter 2, pp. 22–23. Email me your complete bvp2.c code as plain text, so that I can compile & run the code to check your solution.