

COT 4501 Homework 2, Fall 2009

Assigned Thurs Sept 10, Due Thurs Sept 17

HW 2. Assigned Thurs Sept 10. Due Thurs Sept 17 at the very start of class (2 minutes after the start of class is late; no late assignments accepted).

Be sure to read the homework policy in the syllabus, at:

<http://www.cise.ufl.edu/~davis/cot4501>

Review problems R2.1 to R2.10, R2.22 to R2.25, R2.28, R2.29, R2.31, R2.62, R2.63, R2.65.

Exercises: E2.1, E2.2, E2.3, E2.4.

Computer problems (use MATLAB): C2.3 and C2.6. For both, use backslash in MATLAB. No need to do your own matrix solver or Gaussian elimination (let backslash $\mathbf{x}=\mathbf{A}\backslash\mathbf{b}$ do the work to solve $Ax = b$). See the `hilb` function to construct Hilbert matrices.