This is the errata sheet for the hardbound edition only, as of 12/12/06.

**Chapter 2:**
(1) p. 71, Exercises: Missing Problem 28: “Determine the flop count for multiplication of \( m \times p \) matrix \( A \) by \( p \times n \) matrix \( B \). (See page 48.)”

**Chapter 4:**
(1) p. 219, Exercise 4.1.3(a): Answer should be \(-\frac{\sqrt{145}}{145}\).
(2) p. 227, line -9: Sentence should be “It can be shown that if \( A \) is known, the errors in \( b \) are normally distributed, and the least squares solution unique, then it is an unbiased estimator of the true solution in the statistical sense.”
(3) p. 231, Exercise 4.2.3(b): Vectors should be \((3, 0, 4), (2, 2, 1)\).

**Chapter 5:**
(1) p. 280, Exercise 5.3.5(d): Answer should be that ergodic theorem does not apply to it.
(2) p. 281, Exercise 5.3.11: “three state” should be “three stage”.
(3) p. 281, Exercise 5.3.12: The last sentence should read: “Compare the growth rate to a constant interest rate that closely matches the model.”
(4) p. 282, Problem 5.3.17: Promote Problem 17 and following up one number. Problem 17 is “Show that 1 is an eigenvalue for all stochastic matrices.”

**Chapter 6:**
(1) p. 331, Exercise 6.3.5(a): Answer for \( \text{proj}_V w \) should be \( \frac{1}{6} (23, -5, 14) \).
(2) p. 331, Exercise 6.3.9: Replace “\( w_1 = (-1, -1, 1, 1) \)” by “\( w_1 = (-1, 1, 1, -1) \)”.