ERRATA
Fundamentals of Matrix Computations, Third Edition
David S. Watkins
John Wiley and Sons, 2010
ISBN 978-0-470-52833-4
February 13, 2014

This list does not include minor spelling and grammatical errors that the reader can easily diagnose. I have tried to restrict the list mainly to mathematical typos and other items that could cause confusion.

p. 170, l. -6 Change “pivots” to “multipliers”

p. 332 The term Markov chain is used incorrectly. This term should refer to a random walk. The process (5.3.41) does not represent a random walk, rather it generates vectors of probabilities associated with the random walk.

p. 347, l. 7 “v ∈” should be “v ∈ ℝ^m”

p. 371, l. -10 The symbol a^{(j)}_{k+1,k} is suddenly introduced without explanation. This is the (k + 1, k) entry of the matrix A_j.

p. 458, l. 17 The equation ν_2 = μ_{k+1} should read ν_2 = μ_{k+2}.

I thank Jared Aurentz, Mindy Morgan, and Yibo Yao for spotting errors.