

MAT 229A: Numerical Methods in Linear Algebra

Known Typos of Trefethen and Bau

The following typos have been detected by me and my former students in this book so far (the later printing might have fixed some of these because I notified these to Prof. Trefethen):

- p.16, line 5 from the top:
replace “Exercise 2.1” by “Exercise 2.3”
- p.83, a line immediately below Equation (11.17):
replace $A^+ = \hat{R}^{-1}\hat{Q}$ by $A^+ = \hat{R}^{-1}\hat{Q}^*$.
- p.101, in Exercise 13.3:
replace $x = -1.920, -1.919, -1.918, \dots, 2.080$ by $x = 1.920, 1.921, 1.922, \dots, 2.080$.
- p.152, line 1 from the top, just after the phrase “(forward substitution)”:
replace $Rx = y$ by $Ux = y$.
- p.265, in Exercise 34.1, in Equation (34.7):
replace c_{m-1} by c_{n-1} .
- p.270, line 17 from the top, just after the phrase “to lie in”:
replace \mathcal{K}_n by $A\mathcal{K}_n$.
- p.298, line 11 from the top, just after the phras, “ $\varphi(x)$ over”:
replace $x_n + \langle p_{n-1} \rangle$ by $x_{n-1} + \langle p_{n-1} \rangle$.
- p.331, line 21 from the top:
replace “Tagaki” by “Takagi”.