Errata for “Fundamentals of Pattern Recognition and Machine Learning”
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This document will be updated and expanded as more errors are identified.

1. Page 6, replace “the optimal error can never decrease” by “the optimal error can never increase”


3. Page 15, replace “to natural” by “natural”

4. Page 25, replace the second occurrence of “orange and blue” by “blue and orange”

5. Page 42, a right parenthesis is missing in (2.96).

6. Page 48: two negative signs are misplaced in (2.109)

7. Page 48, replace “d = 2, 4, 6, 8, . . . , 40” by “d = 4, 8, 12, . . . , 40”

8. Page 48, item (c), part ii, replace “ρ ∈ [0, 1]” by “ρ ∈ [0, 1)” (i.e., excluding the value ρ = 1).

9. Page 124, Figure 6.7: in order to get the desired labels, the weights of the output neuron should be negated: −1, −1, and 1.5.


11. Page 227, Problem 9.4(e): replace X by X.

12. Page 229, Problem 9.9: replace c09_PCA.py by c09_MDS.py.

13. Page 268, Equation (11.51): replace x − x by x − x′

14. Page 319, line following equation (A.140): replace pₓ(x) by pₓ(u).