

References

- [1] Beck A. *Introduction to Nonlinear Optimization: Theory, Algorithms, and Applications with MATLAB*, volume 19. Siam, 2014.
- [2] Cattell RB. The scree test for the number of factors. *Multivariate Behav Res*, 1(2):245–276, 1966.
- [3] Eckart C and Young G. The approximation of one matrix by another of lower rank. *Psychometrika*, 1(3):211–218, 1936.
- [4] Fawcett T. An introduction to ROC analysis. *Pattern Recognit Lett*, 27(8):861–874, 2006.
- [5] Fisher RA. The use of multiple measurements in taxonomic problems. *Ann Eugen*, 7(2):179–188, 1936.
- [6] Hastie T, Tibshirani R, and Friedman J. *The Elements of Statistical Learning: Data Mining, Inference, and Prediction*. Springer, New York, 2009.
- [7] Lloyd S. Least squares quantization in PCM. *IEEE Trans Inf Theory*, 28(2):129–137, 1982.
- [8] MacQueen J. Some methods for classification and analysis of multivariate observations. *Proc Berkeley Symp Math Stat Probab*, 1(14):281–297, 1967.
- [9] McCulloch WS and Pitts W. A logical calculus of the ideas immanent in nervous activity. *Bull Math Biophys*, 5(4):115–133, 1943.
- [10] Minsky M and Papert SA. *Perceptrons: An introduction to computational geometry*. MIT Press, 2017.
- [11] Rosenblatt F. The perceptron: a probabilistic model for information storage and organization in the brain. *Psych Rev*, 65(6):386, 1958.
- [12] Rumelhart DE, Hinton GE, and Williams RJ. Learning internal representations by error propagation. Technical Report No. 8506, California Univ San Diego La Jolla Inst for Cognitive Science, 1985.
- [13] Rumelhart DE, Hinton GE, and Williams RJ. Learning representations by back-propagating errors. *Nature*, 323(6088):533–536, 1986.
- [14] Von Luxburg U. A tutorial on spectral clustering. *Stat Comput*, 17(4):395–416, 2007.

- [15] Werbos PJ. *The roots of backpropagation: from ordered derivatives to neural networks and political forecasting*, volume 1. John Wiley & Sons, 1994.
- [16] Widrow B and Hoff ME. Adaptive switching circuits. Technical report, Stanford Univ Electronics Lab, 1960.
- [17] Widrow B and Lehr MA. 30 years of adaptive neural networks: perceptron, madaline, and backpropagation. *Proc IEEE*, 78(9):1415–1442, 1990.