

Referências Bibliográficas

- [1] BEEBE, K. R.; KOWALSKI, B. R.. **An introduction to multivariate calibration and analysis**. Analytical Chemistry, 59(17):1007–1017, September 1987.
- [2] BAFFI, G.; MARTIN, E. ; MORRIS, A.. **Non-linear projection to latent structures revisited: the quadratic pls algorithm**. Computers and Chemical Engineering, 23:395–411, 1999.
- [3] BAFFI, G.; MARTIN, E. ; MORRIS, A.. **Non-linear projection to latent structures revisited (the neural network pls algorithm)**. Computers and Chemical Engineering, 23:1293–1307, 1999.
- [4] BURGESS, C. J. C.. **A tutorial on support vector machines for pattern recognition**. Data Mining and Knowledge Discovery, 2(2):121–167, 1998.
- [5] CARRIERO, N.; GELERTER, D.. **How to Write Parallel Programs: a First Course**. MIT Press, Cambridge, 1991.
- [6] CRISTIANINI, N.; SHAW-TAYLOR, J.. **An introduction to support vector machines and other kernel-based learning methods**. Cambridge University Press, 2000.
- [7] WENTZELL, P.; ANDREWS, D.; WALSH, J.; COOLEY, J. ; SPENCER, P.. **Estimation of hydrocarbon types in light gas oils and diesel fuels by ultraviolet absorption spectroscopy and multivariate calibration**. Canadian Journal of Chemistry, 77:391–400, 1999.
- [8] DALHOUSIE, U.. **Three-component mixtures of metal ions data set**, 1999. <http://www.dal.ca/~pdwentze/index.html>.
- [9] HERTZ, J. A.; KROGH, A. S. ; PALMER, R. G.. **Introduction to the Theory of Neural Computation**. Addison-Wesley, Redwood City, 1991.

- [10] Thiria, S.; Lechevallier, Y.; Gascuel, O. ; Canu, S., editors. **Statistique et méthodes neuronales**. Dunod, Paris, 1997.
- [11] Bai, Z.; Demmel, J.; Dongarra, J.; Ruhe, A. ; van der Vorst, H., editors. **Templates for the Solution of Algebraic Eigenvalue Problems**. Siam, 2000.
- [12] EIGENVECTOR, R. I.. <http://www.eigenvector.com>, 1999.
- [13] FRIEDMAN, J.. **Error bounds on the power method for determining the largest eigenvalue of a symmetric, positive definite matrix**. Linear Algebra and its Applications, 280:199–216, 1998.
- [14] FODOR, G.; KOHL, K. ; MASON, R.. **Analysis of gasolines by ft-ir spectroscopy**. Analytical Chemistry, 68(1):23–30, 1996.
- [15] FOSTER, I.. **Designing and Building Parallel Programs**. Addison-Wesley, Cambridge, 1995.
- [16] GELADI, P.; KOWALSKI, B. R.. **Partial least squares regression: A tutorial**. Analytica Chimica Acta, 185:1–17, 1986.
- [17] GOLUB, G. H.; LOAN, C. F. V.. **Matrix Computations**. John Hopkins University Press, 1996.
- [18] GONZALEZ, R. C.; WOODS, R. E.. **Digital Image Processing**. Addison Wesley, 1993.
- [19] HAM, F. M.; KOSTANIC, I.. **A neural network architecture for partial least-squares regression (plsnet) with supervised adaptive modular hebbian learning**. Neural, Parallel & Scientific Computations, 6:35–72, 1998.
- [20] HAYKIN, S.. **Neural Networks, a Comprehensive Foundation**. Prentice-Hall, 1999.
- [21] HÖSKULDSSON, A.. **Pls regression methods**. Journal of Chemometrics, 2:211–228, 1988.
- [22] HAALAND, D. M.; THOMAS, E. V.. **Partial least-squares methods for spectral analysis. 1. relation to other quantitative calibration methods and the extraction of qualitative information**. Analytical Chemistry, 60(11):1193–1202, June 1988.

- [23] HAALAND, D. M.; THOMAS, E. V.. **Partial least-squares methods for spectral analysis. 2. application to simulated and glass spectral data.** Analytical Chemistry, 60(11):1202–1208, June 1988.
- [24] JOACHIMS, T.. **Text categorization with support vector machines: Learning with many relevant features.** In: Nédellec, C.; Rouveirol, C., editors, PROCEEDINGS OF THE EUROPEAN CONFERENCE ON MACHINE LEARNING, p. 137–142, Berlin, 1998. Springer.
- [25] KALIVAS, J. H.. **Two data sets of near infrared spectra.** Chemometrics and Intelligent Laboratory Systems, 37:255–259, 1997.
- [26] KRZANOWSKI, W. J.. **Principles of Multivariate Analysis: A User's perspective.** Oxford Statistical Science Series. Clarendon Press, 1991.
- [27] KETTANEH, N.; WOLD, S.. **Pca and pls with very large data sets.** In: 2ND INTERNATIONAL SYMPOSIUM ON PLS AND RELATED METHODS, p. 1–2, Capri, Italy, October 2001.
- [28] LEBART, L.; MORINEAU, A. ; PIRON, M.. **Statistique Exploratoire Multidimensionnelle.** Dunod, Paris, 1997.
- [29] MCCLURE, W.. **Software shootout at the idrc98.** In: THE 9TH INTERNATIONAL DIFFUSE REFLECTANCE CONFERENCE, Chambersburg, Pennsylvania, August 1998.
- [30] MARDIA, K.; KENT, J. ; BIBBY, J.. **Multivariate Analysis.** Academic Press, San Diego, 1997.
- [31] MARTENS, H.; MARTENS, M.. **Multivariate Analysis of Quality, An Introduction.** Wiley, West Sussex, 2001.
- [32] MILIDIÚ, R.; MACHADO, R. ; RENTERÍA, R.. **Time series forecasting through wavelets and a mixture of expert models.** In: NEURAP'98, p. 121–127, Marseilles, France, September 1998.
- [33] MILIDIÚ, R.; MACHADO, R. ; RENTERÍA, R.. **Time series forecasting through wavelets and a mixture of experts models.** Neurocomputing, 28:145–156, 1999.
- [34] MALTHOUSE, E.; MAH, R. ; TAMHANE, A.. **Nonlinear partial least squares using neural networks.** INCINC94 Chemometrics Conference., 1994.

- [35] DONGARRA, J. J.; HEMPEL, R.; HEY, A. J. G. ; WALKER, D. W..
A proposal for a user-level message-passing interface in a distributed memory environment. Technical Report TM-12231, Oak Ridge National Laboratory, Knoxville, TN, USA, 1993.
- [36] MILIDIÚ, R.; RENTERÍA, R.. **Apls: A fast approximate algorithm for partial least-squares.** In: V CONGRESSO BRASILEIRO DE REDES NEURAI, p. 661–666, Rio de Janeiro - Brazil, April 2001.
- [37] MILIDIÚ, R.; RENTERÍA, R.. **Dpls and ppls: Two pls algorithms for large data sets.** Computational Statistics and Data Analysis, 2003. aceito para publicação.
- [38] MILIDIÚ, R.; RENTERÍA, R.. **Mkpls: A multi-kernel based partial least-squares regression.** In: VI CONGRESSO BRASILEIRO DE REDES NEURAI, 2003. submetido.
- [39] MILIDIÚ, R.; RENTERÍA, R.. **Mkpls: A multi-kernel based partial least-squares regression.** Technical Report MCC07/03, PUC-Rio, Fevereiro 2003.
- [40] MILIDIÚ, R. L.; RENTERÍA, R.. **Ppls: An efficient parallel algorithm for partial least-squares.** In: 12TH SYMPOSIUM ON COMPUTER ARCHITECTURE AND HIGH PERFORMANCE COMPUTING, São Pedro, SP, Brazil, October 2000.
- [41] MILIDIÚ, R.; RENTERÍA, R. ; DE LUCENA, C. J.. **Dpls and ppls: Two pls algorithms for large data sets.** In: 2ND INTERNATIONAL SYMPOSIUM ON PLS AND RELATED METHODS, p. 175–186, Capri, Italy, October 2001.
- [42] MALTHOUSE, E.; TAMHANE, A. ; MAH, R.. **Nonlinear partial least squares.** Computers and Chemical Engineering, 21:875–890, 1997.
- [43] Morineau, A.; Tenenhaus, M., editors. **Les Méthodes PLS, Symposium International PLS'99.** Cisia-Ceresta, October 1999.
- [44] Vinzi, V. E.; Lauro, C.; Morineau, A. ; Tenenhaus, M., editors. **PLS and Related Methods, Proceedings of the PLS'01 International Symposium.** Cisia-Ceresta, October 2001.
- [45] ROSIPAL, R.; TREJO, L. ; CICHOCKI, A.. **Kernel principal component regression with em approach to nonlinear principal**

- components extraction.** Technical report, University of Paisley, School of Information and Communication Technologies, 2000.
- [46] ROSIPAL, R.; TREJO, L. J.. **Kernel partial least squares regression in reproducing kernel hilbert space.** Journal of Machine Learning, 2:97–123, december 2001.
- [47] Schölkopf, B.; Burges, C. J. ; Smola, A. J., editors. **Advances in Kernel Methods.** MIT Press, London, 1999.
- [48] <ftp://ftp.santafe.edu/pub/time-series/competition/>, 1992. SantaFé Institute.
- [49] SEARLE, S.. **Matrix Algebra useful for statistics.** Wiley, 1982.
- [50] SCHÖLKOPF, B.; SUNG, K.; BURGES, C.; GIROSI, F.; NIYOGI, P.; POGGIO, T. ; VAPNIK, V.. **Comparing support vector machines with gaussian kernels to radial basis function classifiers.** IEEE Trans. on Signal Processing, 45(11):2758–2765, 1997.
- [51] TECATOR, I. A.. **Prediction of fat content of a meat sample,** 1995. StatLib Datasets Archive.
- [52] TENENHAUS, M.. **La Régression PLS, Théorie et Pratique.** Technip, Paris, 1998.
- [53] Weigend, A. S.; Gershenfeld, N. A., editors. **Time Series Prediction, Forecasting the Future and Understanding the Past.** Addison Wesley, 1994.
- [54] WOLD, S.; KETTANEH-WOLD, N. ; SKAGERBERG, B.. **Non-linear pls modelling.** Chemometrics and Intelligent Laboratory Systems, 7:53–65, 1989.
- [55] WOLD, H.. **Estimation of principal components and related models by iterative least squares.** In: Krishnaiah, P., editor, MULTIVARIATE ANALYSIS II, p. 391–420. Academic Press, New York, 1966.
- [56] WOLD, S.; ALBANO, C.; III, W. D.; ESBENSEN, K.; HELLBERG, S.; JOHANSSON, E. ; SJÖSTRÖM, H.. **Pattern recognition: finding and using regularities in multivariate data.** In: Martens, J., editor, PROC. IUFOST CONF. FOOD RESEARCH AND DATA ANALYSIS, London, 1983. Applied Science Publications.

- [57] WOLD, S.; MARTENS, H. ; WOLD, H.. **The multivariate calibration problem in chemistry solved by the pls method.** In: Ruhe, A.; Kågstrøm, B., editors, PROC. CONF. MATRIX PENCILS, p. 286–293, Heidelberg, 1983. Springer Verlag.