

Referencias

Bibliográficas

- [Belouchrani] A. Belouchrani, K. Abed-Meraim, J.F. Cardoso, E. Moulinies. *A blind source separation technique using second-order statistics*. IEEE Transactions on Signal Processing, 45(2): 434-444, 1997.
- [Callaerts] D. Callaerts, *Signal Separation Methods based on Singular Value Decomposition and their Application to the Real-Time Extraction of the Fetal Electrocardiogram from Cutaneous Recordings*, Ph.D. Thesis, K.U.Leuven - E.E. Dept., 1989.
- [Cardoso] J. F. Cardoso, A. Souloumiac. *Blind Beamforming for non gaussian signals*. IEE-Proceeding-F, vol. 140, no 6, pp. 362-370, 1993.
- [Carrión] Pedro A. Carrión Pérez, Juan Ródenas García, José Joaquín Rieta Ibáñez. *Procesado de Señales Biomédicas*. Univerisdad de Castilla-la Mancha, 2007.
- [Cichocki01] A. Cichocki, S. Amari. *Adaptive Blind Signal and Image Processing*. John Wiley & Sons, 2002.
- [Cichocki02] A. Cichocki, R. Zdunek, A. Huy Phan, S. Amari. *Nonnegative Matrix and Tensor Factorization. Applications to Exploratory Multi-way Data Analysis and Blind Source Separation*. John Wiley & Sons, 2009.
- [Cruces01] S. Cruces. *Una visión unificada de los algoritmos de separación ciega de fuentes*. Tesis Doctoral, Universidad de Vigo, 1999.
- [Cruces02] S. Cruces, A. Cichocki, L. De Lathauwer. *Thin QR and SVD factorizations for simultaneous blind signal extraction*. European Signal Processing Conference (EUSIPCO), pp. 217-220, Viena, 2004.
- [Cruces03] S. Cruces, A. Cichocki. *Combining blind source extraction with joint approximate diagonalization: Thin algorithms for ICA*. Proc. of the International Symposium on ICA and BSS, pp. 463-468, Nara, 2003.

- [Cunningham] P. Cunningham. *Dimension Reduction*. Technical Report UCD-CSI-2007-7. University College Dublin, 2007.
- [Graham] Alexander Graham. *Kronecker products and matrix calculus with applications*. Halsted Press, Jhon Wiley & Sons, 1981.
- [Harshman] R. A. Hashman and S. A. Berenbaum. *Basic concepts underlying the PARAFAC-CANDECOMP three-way factor analysis model and its application to longitudinal data*. In D. H. Eichorn, J. A. Clausen, N. Haan, M. P. Honzik, & P.H. Mussen (EDs.), *Present and past in middle life* (pp. 435-459), 1981.
- [Hyvärinen] A. Hivärinen, E. Oja, J. Karhunen. *Independent Component Analysis*. John Wiley & Sons, 2001.
- [Janecek] Andreas Janecek. *Efficient Feature Reduction and Classification Methods. Application in Drug Discovery and Email Categorization*. Wien University, 2009
- [Jolliffe] Jolliffe I.T. *Principal Component Analysis*. Springer, 1986.
- [Kolda] T. Kolda, B. Bader. *Tensor Decompositions and applications*. Technical Report SAND2007-6702. Sandia National Laboratories, 2007.
- [Lathauwer01] L. De Lathauwer. *Signal Processing based on Multilinear Algebra*. Ph. D. Thesis, Katholieke Universiteit Leuven, 1997.
- [Lathauwer02] L. De Lathauwer, B. De Moor, J. Vandewalle. *Fetal Electrocardiogram Extraction by Source Subspace Separation*, Proc. IEEE SP / ATHOS Workshop on HOS pp. 134-138, Girona, 1995.
- [Lee] Daniel D. Lee, H. Sebastian Seung. *Algorithms for Non-negative Matrix Factorization*. Advances in Neural Information Processing Systems 13: Proceedings of the 2000 Conference. MIT Press. pp 556-562.
- [Mansour] A. Mansour, M. Kawamoto, N. Ohnishi. *A survey of the performance indexes of ICA Algorithms*. Proceedings of the IASTED International Conference Modelling, Identification and Control, pp. 18-21, Innsbruck, 2002.
- [Puntonet] C. G. Puntonet. *Procedimientos y Aplicaciones en Separación de Señales (BSS-ICA)*. Universidad de Granada, 2003.
- [Rasmus] Rasmus Bro. *PARAFAC. Tutorial & Applications*. Chemometrics Group, Food Technology. Royal Veterinary & Agricultural University.
- [Romero] S. Romero, *Reducción de artefactos en señales EEG mediante nuevas técnicas de filtrado automático basadas en separación ciega de fuentes*. Tesis Doctoral, Universidad Politécnica de Cataluña, 2010.
- [Tucker] L. R. Tucker. *Some mathematical notes on three-mode factor analysis*. Psychometrika, 31(3):279-311, 1966.



[Wall]

Wall, Michael E., Andreas Rechtsteiner, Luis M. Rocha. *Singular value decomposition and principal component analysis in A Practical Approach to Microarray Data Analysis*. Los Alamos National Laboratory, 2002.

Toolbox

Tensor Toolbox

Brett W. Bader, Tamara G. Kolda. *Matlab Tensor Toolbox Version 2.3*, <http://csmr.ca.sandia.gov~tgkolda/TensorToolbox/>, 2009.

ICALAB

A. Cichocki, S. Amari, K. Siwek, T. Tanaka, Anh Huy Phan et al., ICALAB Toolbox, <http://bsp.brain.riken.jp/ICALAB>

NMFLAB

A. Cichocki, R. Zdunek, NMFLAB - Matlab Toolbox for Non-Negative Matrix Factorization.

