LIST OF PUBLICATIONS

★English publications

Note-A: Please contact Fengyu Cong for copies of his papers via cong@dlut.edu.cn.

Note-B: Since 2007, Fengyu Cong has been the corresponding author for each paper that he is the first author.

Note-C: Journal papers are mostly published in journals of Biomedical Engineering, Computer Science & Artificial Intelligence & Software Engineering, and Neuroscience Categories according to JCR, and conference papers are mainly in the field of Signal Processing.

Note-D: Citations of my publications via http://scholar.google.com/citations?hl=en&user=Jd0dQA8AAAAJ

◆ Book


EB2. Fengyu Cong, Five subchapters in Blind Signal Processing—Theory and Practice, Xizhi Shi, 2011, Springer (jointly published with Shanghai Jiao Tong University Press. Based on an original Chinese edition published by Shanghai Jiao Tong University Press, 2008) (Ch. 2.6: Complex Non-linear Function, Ch. 4.1: Principal Component Analysis & Infinitesimal Analysis, Ch. 9.6: Online Complex ICA Algorithm based on Uncorrelated Characteristics of Complex Vectors, Ch. 9.10: Particle Filtering based Nonlinear and Noisy ICA, Ch. 10.1: Target Enhancement in Active Sonar Detection)


◆ Journal Articles


EJ15. Fengyu Cong, Anh Huy Phan, Piia Astikainen, Qibin Zhao, Qian Wu, Jari K. Hietanen, Tapani Ristaniemi, Andrzej Cichocki, Multi-Domain Feature Extraction for Small Event-Related Potentials through Nonnegative Multi-Way Array Decomposition From Low Dense Array EEG, International Journal of Neural Systems, 2013, 23(2): 1350006 (18 pages), DOI: 10.1142/S0129065713500068


◆ Conference Articles

EC34. Valeri Tsatsishvili, Fengyu Cong, Petri Toiviainen, Tapani Ristaniemi, *Combining PCA and Multiset CCA for Dimension Reduction when Group ICA is Applied to Decompose Naturalistic fMRI Data*, Proc. International Joint Conference on Neural Networks 2015, Accepted for publication.


★Chinese publications

◆Chinese Books:


Chapter 2.4: Complex Non-linear Function
Chapter 4.1: Principal Component Analysis & Infinitesimal Analysis
Chapter 9.6: Online Complex ICA Algorithm based on Uncorrelated Characteristics of Complex Vectors
Chapter 9.8: Study on permutation indeterminacy of BSS
Chapter 10.1: Target Enhancement in Active Sonar Detection


◆ Chinese Journal Articles:


