List of publications

Nicolae Cleju

December 11, 2016

Journal papers

[1] N. Cleju, "Optimized projections for compressed sensing via rank - constrained nearest correlation matrix," *Applied and Computational Harmonic Analysis*, vol. 36, no. 3, pp. 495–507, 2014.

[2] M. Fira, L. Goras, N. Cleju, and C. Barabasa, "On the projection matrices influence in the classification of compressed sensed ECG signals," *International Journal of Advanced Computer Science and Applications*, vol. 3, no. 8, pp. 141–145, 2012.

[3] N. Cleju, N. Thomos, and P. Frossard, "Selection of network coding nodes for minimal playback delay in streaming overlays," *IEEE Transactions on Multimedia*, vol. 13, no. 5, pp. 1103 –1115, oct. 2011.

[4] M. Fira, L. Goras, C. Barabasa, and N. Cleju, "On ECG Compressed Sensing using Specific Overcomplete Dictionaries," *Advances in Electrical and Computer Engineering*, vol. 10, no. 4, pp. 23–28, 2010.

Conference papers

[1] N. Cleju, "Sparse signal recovery with additional l2 null space constraint," in *ISSCS 2015 - International Symposium on Signals, Circuits and Systems*, 2015.

[2] N. Cleju, "A generalization of analysis and synthesis sparsity," in *Proc. International Symposium on Signals, Circuits and Systems (ISSCS) 2013*, 2013.

[3] N. D. Alexandru and N. Cleju, "Implementation considerations regarding improved Nyquist filters," in *International Conference on Electronics, Computers and Artificial Intelligence (ECAI) 2013*, 2013, pp. 1–4.

[4] N. Cleju, M. Jafari, and M. D. Plumbley, "Choosing synthesis or analysis recovery for sparse reconstruction," in *Proc. 20th European Signal Processing Conference EUSIPCO 2012*, 2012, pp. 869–873.

[5] N. Cleju, M. G. Jafari, and M. D. Plumbley, "Analysis-based sparse reconstruction with synthesis-based solvers," in *Proc. IEEE International Conference on Acoustics, Speech and Signal Processing ICASSP 2012*, 2012, pp. 5401–5404.

[6] M. Fira, L. Goras, N. Cleju, and C. Barabasa, "Results on ECG compressed sensing using specific dictionaries and its validation," in *Proc. 34th International Conference on Information Technology Interfaces (ITI) 2012*, 2012, pp. 423–428.

[7] C. M. Fira, L. Goras, C. Barabasa, and N. Cleju, "ECG compressed sensing based on classification in compressed space and specified dictionaries," in *Proc. 20th European Signal Processing Conference EUSIPCO 2011*, 2011, pp. 1573–1577.

[8] N. Cleju, C. M. Fira, C. Barabasa, and L. Goras, "Robust reconstruction of compressively sensed ECG signals," in *Proc. International Symposium on Signals, Circuits and Systems ISSCS 2011*, 2011, pp. 507–510.

[9] M. Fira, L. Goras, N. Cleju, and C. Barabasa, "On the classification of compressed sensed signals," in *Proc. International Symposium on Signals, Circuits and Systems ISSCS 2011*, 2011, pp. 503 – 507.

[10] N. Cleju, N. Thomos, and P. Frossard, "Network coding node placement for delay minimization in streaming overlays," in *Proc. IEEE International Conference on Communications ICC 2010*, 2010.

[11] M. Fira, L. Goras, N. Cleju, and C. Barabasa, "On the possibilities of ECG signals compressed sensing," in *Proc. 6th European Conference on Intelligent Systems and Technologies ECIT 2010*, 2010.

[12] D. M. Dobrea, N. Cleju, A. Sechelea, and A. Banar, "Mobile accident warning system - The LoRD," in *Proc. International Symposium on Electronics and Telecommunications ETC 2004*, 2004.