Reference

- D. Mansour and B. H. Juang, "The Short-Time Modified Coherence Representation and Noisy Speech Recognition," *IEEE Transitions on Acoustics, Speech, and Signal Processing, Volume 37, Issue 6, Jun. 1989 Page(s): 795-804.*
- [2] H. Hermansky and N. Morgan, "RASTA processing of speech," IEEE Transitions on Speech, and Audio Processing, Volume 2, Issue 4, Oct. 1994 Page(s): 578-589.
- [3] D. V. Compernolle, "Noise adaptation in a hidden Markov model speech recognition system," *Comput. Speech Lang., volume 3, 1989 Page(s): 151–167.*
- [4] A. Acero, "Acoustical and environmental robustness in automatic speech recognition," *Ph.D. Dissertation, Carnegie Mellon University. 1990.*
- [5 L. Neumeyer and M. Weintraub, "Probabilistic optimum filtering for robust speech recognition," *In Proceedings ICASSP*, 1994 Page(s) 417-420.
- [6] A. P. Varga and R. K. Moore, "Hidden Markov model decomposition of speech and noise," *In Proceeding ICASSP*, 1990 Page(s) 845–848.
- [7] P. J. Moreno, B. Raj and R. M. Stern, "A vector Taylor series approach for environment-independent speech recognition," *In Proceeding ICASSP*, 1996 *Page(s)* 733–736.
- [8] A. Sankar and C. H. Lee, "Robust speech recognition based on stochastic matching," *In Proceedings ICASSP*, 1995 Page(s) 121-124.
- [9] M. K. Gales and S. J. Young, "Robust continuous speech recognition using parallel model combination," *IEEE Transitions on Speech, and Audio Processing, Volume 4, Issue 5, Sep 1996 Page(s): 352-359.*
- [10] J. Makhoul, "Spectral analysis of speech by linear prediction," *IEEE Transitions* on Audio and Electroacoustics, Volume 21, Issue 3, Jun. 1973 Page(s): 140-148.
- [11] S. Furui, "Cepstral analysis technique for automatic speaker verification," IEEE

Transitions on Acoustics, Speech, and Signal Processing, Volume 29, Issue 2, Apr. 1981 Page(s): 254-272.

- [12] S. B. Davis and P. Mermelstein, "Comparison of parametric representations for monosyllabic word recognition in continuously spoken sentences," *IEEE Transitions on Acoustics, Speech, and Signal Processing, Volume 28, Issue 4, Aug.* 1980 Page(s): 357-366.
- [13] J. C. Junqua, H. Wakita and H. Hermansky, "Evaluation and optimization of perceptually-based ASR front-end," *IEEE Transitions on Speech, and Audio Processing, Volume 1, Issue 1, Jan. 1993 Page(s): 39-48.*
- [14] J. R. Deller, J. G. Proakis and, John H. L. Hansen, "Discrete-time processing of speech signals," Macmillan Publishing Co., 1993.
- [15] S. S. Steven, "On hearing by electrical stimulation," Journal of the Acoustic Society of America, Volume 8 1937 Page (s): 191-195.
- [16] S. S. Steven and J. Volkman, "The relation of pitch to frequency," Journal of psychology, Volume 53 1940 Page(s): 329-353.
- [17] H. Sakoe and S. Chiba, "Dynamic programming algorithm optimization for spoken word recognition," *IEEE Transitions on Acoustics, Speech, and Signal Processing, Volume 26, Issue 1, Feb. 1978 Page(s): 43-49.*
- [18] L. R. Rabiner, "A tutorial on hidden Markov models and selected applications in speech recognition," *Proceeding of the IEEE, Volume 77, Issue 2, Feb. 1989 Page(s) 257-286.*
- [19] L. R. Rabiner and B. H. Juang, "An introduction to hidden Markov models," *ASSP magazine, IEEE, Volume 3, Issue 1, Jan. 1986 Page(s): 4-16.*
- [20] C. S. Myers and L. R. Rabiner, "Connected digit recognition using a level-building DTW algorithm," *IEEE Transitions on Acoustics, Speech, and Signal Processing, Volume 29, Issue 3, Jun. 1981 Page(s): 351-363.*

- [21] L. R. Rabiner and C. E. Schmidt, "Application of dynamic time warping to connected digit recognition," *IEEE Transitions on Acoustics, Speech, and Signal Processing, Volume 28, Issue 4, Jun. 1980 Page(s): 377-388.*
- [22] Y. Ishikawa and K. Nakajima, "A real time connected word recognition system," *Pattern Recognition, Proceeding of 10th International Conference on Volume 2 Jun. 1990 Page(s):215 – 217.*
- [23]A. J. Viterbi, "Error bounds for convolutional codes and an asymptotically optimum decoding algorithm," *IEEE Transitions on Information Theory, Volume* 13, Issue 2, Apr. 1967 Page(s) 260-269.
- [24] D. A. Reynolds, T. F. Quatieri and R. B, Dunn, "Speaker Verification Using Adapted Gaussian Mixture Models," *Digital Signal Processing Volume 10, 2000 Page(s) 19-41.*
- [25] J. G. Wilpon and L. R. Rabiner, "A modified K-means clustering algorithm for use in isolated word recognition," *IEEE Transitions on Acoustics, Speech, and Signal Processing, Volume 33, Issue 3, Jun. 1985.*
- [26] A. P. Dempster, N. M. Laird and D. B. Rubin, "Maximum likelihood from incomplete data via the EM algorithm," J. Roy. Stat. Soc. 39(1):1-38, 1977.
- [27] "Hidden Markov model Toolkit", http://htk.eng.cam.ac.uk/.
- [28] M. K. Gales, "Model based techniques for noise robust speech recognition," *Ph.D. Dissertation, University of Cambridge. 1995.*
- [29] M. K. Gales and S. J. Young, "Robust speech recognition in additive and convolutional noise using parallel model combination," *Comput. Speech Lang.*, *vol. 9, 1995 Page(s) 289-307.*
- [30] M. K. Gales and S. J. Young, "A fast and flexible implementation of parallel model combination," *In Proceeding ICASSP*, 1995 Page(s) 131–136.

[31] J. W. Hung, J. L. Shen and L. S. Lee, "New approaches for domain transformation and parameter combination for improved accuracy in parallel model combination (PMC) techniques," *IEEE Transitions on Speech and Audio Processing, Volume 9, Issue 8, Nov. 2001 Page(s): 842-855.*

[32] http://spib.ece.rice.edu/spib/select_noise.html

