

DAFTAR KEPUSTAKAAN

- [1] MA Vijay Kumar, Kishore T K, Mahesha M R, Karthik S, Gagan H R, “Speech Enhancement using Modified Spectral Subtraction Algorithm”, *International Journal of Computing and Technology*, Volume 1, Issue 4, May 2014.
- [2] Dr. (Mrs). S.D. Apte, Shridhar, “Speech Enhancement in Hearing Aids Using Conjugate Symmetry Property of Short Time Fourier Transform,” *International Journal of Recent Trends in Engineering*, vol. 2, no. 5, pp. 346-351, November 2009.
- [3] Pardede, Hilman F, “Nonlinear Spectral Subtraction Based on Tsallis Statistics for Speech Enhancement”, Bandung: Lembaga Ilmu Pengetahuan Indonesia, May 2013.
- [4] S. F. Boll, “Suppression of acoustic noise in speech using spectral subtraction.” *IEEE Trans. Acoust. Speech Signal Process.*, vol. 27, no. 2, pp. 113–120, 1979
- [5] Soumya Jolad, Shridhar, “Speech Enhancement Using Spectral Subtraction Technique with Minimized Cross Spectral Components,” *International Journal of Research in Engineering and Technology*, vol. 5, no.3, pp. 197-200, March 2016.
- [6] Kamath S. dan Loizou P.(2002) “A multiband spectral subtraction methods for enhancing speech corrupted by colored noise” Proc. IEEE Intl. Conf. Acoustics, Speech, Signal Processing
- [7] Supriya.P.Sarvade, Dr.Shridhar.K dan Varun.P.Sarvade, “Multi-Band Spectral Subtraction for Speech Enhancement Using Sine Multitaper”, *IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 6, Issue 6, Ver. II (Nov. - Dec. 2016)*

[8] S. China Venkateswarlu, A. Subba Rami Reddy dan K. Satya Prasad, "Speech Enhancement using Boll's Spectral Subtraction Method based on Gaussian Window", Global Journal of Researches in Engineering: F Electrical and Electronics Engineering Volume 14 Issue 6 Version 1.0 Year 2014.

[9] Alvin, Winda.2017." ANALISA KINERJA BEROUTI SPECTRAL SUBTRACTION DENGAN GAUSSIAN WINDOW PADA SISTEM PENGENALAN UCAPAN".Padang. Universitas Andalas

[10] Susilawati, Indah. 2009. "kuliah 2 derau". Yogyakarta. Universitas Mercu Buana

[11] Vaseghi, Saeed. (2008). "Advanced Digital Signal Processing and Noise Reduction 4th". John Wiley and sons.

[12] Kulkarni D. S, Deshmukh R. R dan Shrishrimal P. P, "A Review of Speech Signal Enhancement Techniques", *International Journal of Computer Applications (0975 – 8887) Volume 139 – No.14, April 2016*

[13] Shah, Jihar H.2011."DEVELOPMENT OF NEW STRATEGIES FOR REAL TIME EMBEDDED SPEECH ENHANCEMENT AND DETECTION FOR WIRELESS COMMUNICATION". Gujarat: The Maharaja Sayajirao University of Baroda.

[14] Hidayat, Asbi (2010). "Perancangan system penghilangan derau pada suatu ucapan dengan menggunakan metoda spectral subtraction". Fakultas Teknik Universitas Andalas

[15] KALIRAMAN, AJAY & Thakur, Abhishek. (2016). Speech Enhancement Using End Point Detection And Sub-Space Method. 10.13140/RG.2.2.15273.19044.

[16] Dixit S. dan Dr. Mulge MD Y, "Review on Speech Enhancement Techniques", *International Journal of Computer Science and Mobile Computing, Vol.3 Issue.8, August- 2014, pg. 285-290*

- [17] Yariv Ephraim, Hanoch Lev-Ari and William J.J. Roberts “A Brief Survey of Speech Enhancement” IEEE Sig. Proc. Let., vol. 10, pp. 104-106, April 2003 s.
- [18] N. Upadhyay and A. Karmakar. (2015). “Speech Enhancement using Spectral Subtraction-type Algorithms: A Comparison and Simulation Study” Department of Electronics & Communication Engineering, The LNM Institute of Information Technology, Jaipur, India.
- [19] Navneet Upadhyay, Abhijit Karmakar, "Single-Channel Speech Enhancement Using Critical-Band Rate Scale Based Improved Multi-Band Spectral Subtraction", *Journal of Signal and Information Processing*, vol. 04, pp. 314, 2013, ISSN 2159-4465.
- [20] Fitrilina. 2010. “Sistem Pengenalan Isolated Digit yang Robust dengan Menggunakan Spectral Subtraction Berdasarkan Minimum Statistics”. Bandung: Institut Teknologi Bandung.
- [21] Young, Steve, dkk “*The HTK Book*”. Cambridge University. 2005
- [22] Nicolas Moreau. “*HTK Basic Tutorial*”. 2002
- [23] Martin, Rainer. (2001). “*Noise Power Spectral Density Estimation Based on Optimal Smoothing and Minimum Statistics*”. IEEE
- [24] Thomson, D.J., “Spectrum estimation and harmonic analysis,” *Proceedings of the IEEE*, 70, 1055-1096, 1982.
- [25] Scoot Pennock. 2017. “*Accuracy of the Perceptual Evaluation of Speech Quality Algorithm*”. Lucent Technologies.
- [26] Beerends, J. G., Hekstra, A. P., Rix, A. W., and Hollier, M. P. (2002). Perceptual Evaluation of Speech Quality (PESQ) the New ITU Standard for End-to-end Speech Quality Assessment Part II: Psychoacoustic Model. *Journal of the Audio Engineering Society*. 50(10), 765-778. AES.