

DAFTAR REFERENSI

- [1] M. S. Choudhry, R. Kapoor, Abhishek, A. Gupta, and B. Bharat, "A survey on different discrete wavelet transforms and thresholding techniques for EEG denoising," *Proceeding - IEEE Int. Conf. Comput. Commun. Autom. ICCCA 2016*, pp. 1048–1053, 2017.
- [2] A. Turnip, "Noise reduction and brain mapping based robust principal component analysis," *2015 IEEE 12th Int. Conf. Networking, Sens. Control*, pp. 550–553, 2015.
- [3] K. T. Sweeney, H. Ayaz, T. E. Ward, M. Izzetoglu, S. F. McLoone, and B. Onaral, "A methodology for validating artifact removal techniques for physiological signals," *IEEE Trans. Inf. Technol. Biomed.*, vol. 16, no. 5, pp. 918–926, 2012.
- [4] "Goldberger AL, Amaral LAN, Glass L, Hausdorff JM, Ivanov PCh, Mark RG, Mietus JE, Moody GB, Peng C-K, Stanley HE. PhysioBank, PhysioToolkit, and PhysioNet: Components of a New Research Resource for Complex Physiologic Signals. *Circulation* 101(23):e215-e22." .
- [5] N. K. Al-Qazzaz, S. Ali, S. A. Ahmad, M. S. Islam, and M. I. Ariff, "Selection of mother wavelets thresholding methods in denoising multi-channel EEG signals during working memory task," *IECBES 2014, Conf. Proc. - 2014 IEEE Conf. Biomed. Eng. Sci. "Miri, Where Eng. Med. Biol. Humanit. Meet,"* no. December, pp. 214–219, 2015.
- [6] R. K. Sharma, "EEG Signal Denoising based on Wavelet Transform," pp. 758–761, 2017.
- [7] M. K. Ahirwal, A. Kumar, G. K. Singh, and N. D. Londhe, "Performance prediction of adaptive filters for EEG signal," *IET Sci. Meas. Technol.*, vol. 11, no. 5, pp. 525–531, 2017.
- [8] N. S. Sudha, "Design of Error Normalized LMS Adaptive filter for EEG signal with Eye Blink & PLI Artefacts," pp. 54–58, 2017.
- [9] V. Roy and S. Shukla, "Mth Order FIR Filtering for EEG Denoising Using Adaptive Recursive Least Squares Algorithm," *Proc. - 2015 Int. Conf. Comput. Intell. Commun. Networks, CICN 2015*, pp. 401–404, 2016.
- [10] C. I. Salis, A. E. Malissovass, P. A. Bizopoulos, A. T. Tzallas, P. A.

- Angelidis, and D. G. Tsalikakis, "Denoising simulated EEG signals: A comparative study of EMD, wavelet transform and Kalman filter," *13th IEEE Int. Conf. Bioinforma. Bioeng. IEEE BIBE 2013*, 2013.
- [11] H. Shahabi, S. Moghimi, and H. Zamiri-Jafarian, "EEG eye blink artifact removal by EOG modeling and Kalman filter," *2012 5th Int. Conf. Biomed. Eng. Informatics, BMEI 2012*, no. Bmei, pp. 496–500, 2012.
- [12] Wikipedia, "Otak" [Online]. Available : <https://id.wikipedia.org/wiki/Otak>. [Accessed 10-Feb-2017].
- [13] M. M. Shaker, "EEG Waves Classifier using Wavelet Transform and Fourier Transform," vol. 1, no. 3, pp. 169–174, 2007.
- [14] "Niedermeyer E.; da Silva F.L. (2004). *Electroencephalography: Basic Principles, Clinical Applications, and Related Fields*. Lippincott Williams & Wilkins. ISBN 0-7817-5126-8." .
- [15] Wikipedia, "Electroencephalography" [Online]. Available: <https://en.wikipedia.org/wiki/Electroencephalography>. [Accessed: 07-Apr-2018].
- [16] K. T. Sweeney, S. F. McLoone, and T. E. Ward, "The use of ensemble empirical mode decomposition with canonical correlation analysis as a novel artifact removal technique," *IEEE Trans Biomed Eng*, vol. 60, no. 1, pp. 97–105, 2013.
- [17] R. M. Soleh, A. Rizal, and R. Magdalena, "Denoising Rekam Sinyal Elektrokardiogram (EKG) Menggunakan Algoritma Iterative Threshold Pada Subband Wavelet," pp. 1–6, 2008.
- [18] V. N. Sulistyawan, P. Studi, S. Teknik, F. T. Elektro, and U. Telkom, "Optimasi Audio Watermarking Berbasis DWT Dan Histogram Menggunakan Algoritma Genetika," vol. 3, pp. 1–9, 2017.
- [19] F. E. Pambudi, S. Mandala, and R. Yunendah, "Analisis Kinerja Terbaik Sistem Denoising Sinyal EKG Berbasis Wavelet."
- [20] Pywavelets. "Wavelets Browser" [Online]. Available: <http://wavelets.pybytes.com/wavelet/haar/>. [Dikutip: 17 January 2018.].
- [21] M. Murugappan, N. Ramachandran, and Y. Sazali, "Classification of human emotion from EEG using discrete wavelet transform," *J. Biomed.*

- Sci. Eng.*, vol. 03, no. 04, pp. 390–396, 2010.
- [22] E. Heydari and M. Shahbakhti, “Adaptive wavelet technique for EEG denoising,” *BMEiCON 2015 - 8th Biomed. Eng. Int. Conf.*, 2016.
- [23] D. Valencia, D. Orejuela, J. Salazar, and J. Valencia, “Comparison analysis between rigrsure, sqtwolog, heursure and minimaxi techniques using hard and soft thresholding methods,” *2016 21st Symp. Signal Process. Images Artif. Vision, STSIVA 2016*, pp. 1–5, 2016.
- [24] R. A. Hanindito, “Analisis & Implementasi Image Denoising Dengan Menggunakan Metode Normalshrink Sebagai Wavelet Thresholding.” 2006.
- [25] A. Al Jumah, M. G. Ahamad, and S. A. Ali, “Denoising of Medical Images Using Multiwavelet Transforms and Various Thresholding Techniques,” *J. Signal Inf. Process.*, vol. 4, no. February, p. 24, 2013.
- [26] D. L. Donoho and I. M. Johnstone, “Threshold selection for wavelet shrinkage of noisy data,” *Eng. Med. Biol. Soc. 1994. Eng. Adv. New Oppor. Biomed. Eng. Proc. 16th Annu. Int. Conf. IEEE*, pp. A24--A25, 1994.
- [27] M. R. Silaban, “Recovery Sinyal FECG Dari Sinyal Abdominal ECG Menggunakan Filter Adaptif Berbasis TMS 320C5,” vol. 50, pp. 0–7, 2006.
- [28] N. Sultana, Y. Kamatham, and B. Kinnara, “Performance analysis of adaptive filtering algorithms for denoising of ECG signals,” *2015 Int. Conf. Adv. Comput. Commun. Informatics*, pp. 297–302, 2015.