

Daftar Pustaka

- [1] F. Riillo *et al.*, “Optimization of *EMG*-based hand gesture recognition: Supervised vs. unsupervised data preprocessing on healthy subjects and transradial amputees,” *Biomed. Signal Process. Control*, vol. 14, no. 1, pp. 117–125, 2014, doi: 10.1016/j.bspc.2014.07.007.
- [2] R. H. Chowdhury, M. B. I. Reaz, M. A. Bin Mohd Ali, A. A. A. Bakar, K. Chellappan, and T. G. Chang, “Surface electromyography signal processing and classification techniques,” *Sensors (Switzerland)*, vol. 13, no. 9, pp. 12431–12466, 2013, doi: 10.3390/s130912431.
- [3] J. Joy, S. Peter, and N. John, “Denoising Using Soft Thresholding,” *Int. J. Adv. Res. Electr. Electron. Instrum. Eng.*, vol. 2, no. 3, pp. 2320–3765, 2013.
- [4] R. Wang, Y. Wang, and C. Luo, “EEG-based real-time drowsiness detection using hilbert-huang transform,” *Proc. - 2015 7th Int. Conf. Intell. Human-Machine Syst. Cybern. IHMSC 2015*, vol. 1, no. 2, pp. 195–198, 2015, doi: 10.1109/IHMSC.2015.56.
- [5] H. Chengti, W. Houjun, and L. Bing, “Signal Denoising based on *EMD*,” *2009 IEEE Circuits Syst. Int. Conf. Test. Diagnosis, ICTD '09*, vol. 1, no. 1, 2009, doi: 10.1109/CAS-ICTD.2009.4960873.
- [6] H. Liu and K. Young, “Signal Based on Empirical Mode Decomposition N \diamond ,” pp. 441–446.
- [7] A. F. Ruiz-Olaya and A. Lopez-Delis, “Surface *EMG* signal analysis based on the empirical mode decomposition for human-robot interaction,” *Symp. Signals, Images Artif. Vis. - 2013, STSIVA 2013*, 2013, doi: 10.1109/STSIVA.2013.6644943.
- [8] Y. Zhang, S. Su, P. Xu, and D. Yao, “Performance evaluation of Noise-Assisted Multivariate Empirical Mode Decomposition and its application to multichannel *EMG* signals,” *Proc. Annu. Int. Conf. IEEE Eng. Med. Biol. Soc. EMBS*, pp. 3457–3460, 2017, doi: 10.1109/EMBC.2017.8037600.
- [9] C. Sapsanis, G. Georgoulas, A. Tzes, and D. Lymberopoulos, “Improving *EMG* based classification of basic hand movements using *EMD*,” *Proc. Annu. Int. Conf. IEEE Eng. Med. Biol. Soc. EMBS*, pp. 5754–5757, 2013, doi: 10.1109/EMBC.2013.6610858.
- [10] Y. Fang, X. Zhu, and H. Liu, “Development of a surface *EMG* acquisition system with novel electrodes configuration and signal representation,” *Lect. Notes Comput. Sci. (including Subser. Lect. Notes Artif. Intell. Lect. Notes Bioinformatics)*, vol. 8102 LNAI, no. PART 1, pp. 405–414, 2013, doi: 10.1007/978-3-642-40852-6-41.
- [11] A. A. Ali, Albarahany, and Q. Liu, “*EMG* signals detection technique in voluntary muscle movement,” *Proc. - 2012 6th Int. Conf. New Trends Inf. Sci. Serv. Sci. Data Min. (NISS, ICMIA NASNIT), ISSDM 2012*, pp. 738–742, 2012.
- [12] S. M. Salih and A. M. Sagher, “Reduction of Noise Effect in AWGN Channel Reduction of noise effect in AWGN channel,” *Elixir Int. J.*, vol. 34, no. April 2011, pp. 18–21, 2016.
- [13] E. Karatoprak and S. Seker, “An Improved Empirical Mode Decomposition Method Using Variable Window Median Filter for Early Fault Detection in Electric Motors,” *Math. Probl. Eng.*, vol. 2019, 2019, doi: 10.1155/2019/8015295.
- [14] H. Issaoui, A. Bouzid, and N. Ellouze, “Comparison between soft and hard Thresholding on selected intrinsic mode selection,” *2012 6th Int. Conf. Sci. Electron. Technol. Inf. Telecommun. SETIT 2012*, no. i, pp. 712–715, 2012, doi: 10.1109/SETIT.2012.6482001.
- [15] 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, doi: 10.1109/CCAA.2016.7813897.
- [16] W. Wang and Y. Lu, "Analysis of the Mean Absolute Error (MAE) and the Root Mean Square Error (RMSE) in Assessing Rounding Model," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 324, no. 1, 2018, doi: 10.1088/1757-899X/324/1/012049.