

## DAFTAR PUSTAKA

- [1] C. Carrion, F. Folkvord, D. Anastasiadou, and M. Aymerich, “Cognitive Therapy for Dementia Patients : A Systematic Review,” *Res. Gate*, pp. 1–26, 2018.
- [2] A. Tsolaki, D. Kazis, I. Kompatsiaris, V. Kosmidou, and M. Tsolaki, “Electroencephalogram and Alzheimer ’ s Disease : Clinical and Research Approaches,” vol. 2014, 2014.
- [3] P. Durongbhan *et al.*, “Frequency and Time-Frequency Features Based on EEG Signals,” *IEEE Trans. Neural Syst. Rehabil. Eng.*, vol. 27, no. 5, pp. 826–835, 2019.
- [4] N. K. Al-qazzaz, S. Ali, S. A. Ahmad, and J. Escudero, “Classification enhancement for post - stroke dementia using fuzzy neighborhood preserving analysis with QR - decomposition,” pp. 3174–3177, 2017.
- [5] D. Australia, “What is Dementia?,” 2017.
- [6] J. T. O. Brien and A. Thomas, “Non-Alzheimer ’ s Dementia 3 Vascular dementia,” *Lancet Biomed. Res. Build.*, vol. 386, no. 10004, pp. 1698–1706, 2015.
- [7] V. Adelina, D. E. Ratnawati, and M. A. Fauzi, “Klasifikasi Tingkat Risiko Penyakit Stroke Menggunakan Metode GA-Fuzzy Klasifikasi Tingkat Risiko Penyakit Stroke Menggunakan Metode GA- Fuzzy Tsukamoto,” *Pengemb. Teknol. Inf. dan Ilmu Kompt. Univ. Brawijaya*, vol. 2, no. 3015–3021, 2018.
- [8] E. P. Giri, M. I. Fanany, A. M. Aryrnurthy, and S. K. Wijaya, “Ischemic Stroke Identification Based on EEG and EOG using ID Convolutional Neural Network and Batch Normalization,” *ICACIS*, pp. 484–491, 2016.
- [9] D. P. Gustiawan, E. C. Djamal, and K. Agus, “Identifikasi Variabel-Variabel dari Sinyal Elektroensefalogram Pasien Rehabilitasi Stroke Menggunakan Wavelet dan Self-Organizing Map,” *Semin. Nas. Apl.*

*Teknol. Inf.*, pp. 15–20, 2018.

- [10] M. Z. Ilyas, P. Saad, M. I. Ahmad, and A. P. E. E. G. Signals, “Signals for Brain-Computer Interfaces,” *IEEE Access*, no. March, pp. 30–31, 2015.
- [11] J. J. Shih, D. J. Krusienski, and J. R. Wolpaw, “Brain-Computer Interfaces in Medicine,” *JMCP*, vol. 87, no. 3, pp. 268–279, 2012.
- [12] Z. Gao *et al.*, “Classification of EEG Signals on VEP-Based BCI Systems With Broad Learning,” *IEEE Trans. Syst.*, pp. 1–9, 2020.
- [13] and C. Q. M. Arvaneh, S. Member, C. Guan, K. K. Ang, ““Optimizing the Channel Selection and Classification Accuracy in Introduction Experiments Results And Conclusion,” *IEEE Trans. Biomed. Eng.* 38, vol. 58, n, 2012.
- [14] L. Bi, X. Fan, and Y. Liu, “EEG-Based Brain-Controlled Mobile Robots : A Survey,” *IEEE Trans. Hum. Mach. Syst.*, vol. 43, no. 2, pp. 161–176, 2013.
- [15] R. A. Ramadan and A. V Vasilakos, “Brain computer interface\_ control signals review,” *Neurocomputing*, vol. 223, no. August 2016, pp. 26–44, 2017.
- [16] R. Yan, S. Member, R. X. Gao, and S. Member, “Hilbert – Huang Transform-Based Vibration Signal Analysis for Machine Health Monitoring,” *IEEE Trans. Instrum. Meas.*, vol. 55, no. 6, pp. 2320–2329, 2006.
- [17] K. Fu, J. Qu, Y. Chai, and Y. Dong, “Biomedical Signal Processing and Control Classification of seizure based on the time-frequency image of EEG signals using HHT and SVM,” *Biomed. Signal Process. Control*, vol. 13, pp. 15–22, 2014.
- [18] S. K. Yadav, V. Bajaj, A. Kumar, and A. E. E. G. Dataset, “An EMD based approach for discrimination of Apnea and Normal EEG Signals,” *2017 Int. Conf. Recent Innov. Signal Process. Embed. Syst.*, pp. 191–194, 2017.

- [19] R. Ho, H. Kong, and H. Kong, "A Comparative Investigation of Mode Mixing in EEG Decomposition Using EMD , EEMD and M-," *IEEE Access*, no. 2, pp. 203–210, 2020.
- [20] M. S. R. Goyat, "Feature Extraction for the Analysis of Multi-Channel EEG Signals Using Hilber-Huang Technique," *Int. J. Eng. Technol.*, vol. 8, 2016.
- [21] C. Wang, "Identification of Early Vascular Dementia Patients With EEG Signal," *IEEE Access*, vol. 7, pp. 68618–68627, 2019.
- [22] A. S. Nugroho, "Pengantar Support Vector Machine," *J. Data Mining, Jakarta*, p. 3, 2007.
- [23] D. Surangsirat, C. Thanawattano, R. Pongthornseri, S. Dumnin, C. Anan, and R. Bhidayasiri, "Support Vector Machine Classification of Parkinson ' s Disease and Essential Tremor Subjects based on Temporal Fluctuation," *IEEE Eng. Med. Biol. Soc.*, pp. 6389–6392, 2016.
- [24] A. Rizal, R. Hidayat, and H. A. Nugroho, "Lung Sound Classification Using Empirical Mode Decomposition and the Hjorth Descriptor," *Am. J. Appl. Sci.*, 2017.
- [25] O. N. Rahma, "Electroencephalogram Analysis with Extreme Learning Machine as a Supporting Tool for Classifying Acute Ischemic Stroke Severity," *IEEE Access*, pp. 180–186, 2017.
- [26] S. C. Y. Schroeder *et al.*, "The Role of Alpha Oscillations in Distractor Inhibition during Memory Retention," *Eur. J. Neurosci.*, pp. 0–2, 2018.