

## DAFTAR PUSTAKA

- [1] Fransiskus Cahyadi Putra Pranoto, Agus Wahyu Widodo, and Muh. Arif Rahman, “Klasifikasi Sinyal Otak Motor Imagery Menggunakan Extreme Learning Machine dan Discrete Fourier Transform,” *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, vol. 3, no. 3, pp. 2215–2224, 2019.
- [2] G Saverius Siregar and Y Rahayu, “Sistem Pendekripsi Gelombang Otak berbasis Electroencephalogram (EEG) pada Studi Kasus Anak Penderita Autisme,” *Jurnal Online Mahasiswa Fakultas Teknik Universitas Riau*, vol. 6, pp. 1–8, 2020.
- [3] Muhyiatul Fadilah, “Eksplanasi Ilmiah Metode Hipnotis terhadap Otak Manusia,” *Jurnal Filsafat Indonesia*, vol. 1, no. 1, pp. 8–15, 2018.
- [4] P. Chauhan, A. Rathawa, K. Jethwa, and S. Mehra, “The Anatomy of the Cerebral Cortex,” in *Cerebral Ischemia*, Exon Publications, 2021, pp. 1–16. doi: 10.36255/exonpublications.cerebralischemia.2021.cerebralcortex.
- [5] M. Hamada, B. B. Zaidan, and A. A. Zaidan, “A Systematic Review for Human EEG Brain Signals Based Emotion Classification, Feature Extraction, Brain Condition, Group Comparison,” *Journal of Medical Systems*, vol. 42, no. 9. Springer New York LLC, Sep. 01, 2018. doi: 10.1007/s10916-018-1020-8.
- [6] F. Ghorbani, J. Shabani, S. Monjezi, H. Soleimani, S. Hashemi, and A. Abdolali, “EEGsig: an open-source machine learning-based toolbox for EEG signal processing,” Oct. 2020, [Online]. Available: <http://arxiv.org/abs/2010.12877>
- [7] C. Sun and C. Mou, “Survey on the research direction of EEG-based signal processing,” *Front Neurosci*, vol. 17, Jul. 2023, doi: 10.3389/fnins.2023.1203059.
- [8] S.-P. Kim, “Preprocessing of EEG,” 2018, pp. 15–33. doi: 10.1007/978-981-13-0908-3\_2.
- [9] A. Rizal, I. Wijayanto, S. Hadiyoso, and A. Humairani, *Pengolahan Sinyal Biomedis Menggunakan MATLAB*. Yogyakarta: Deepublish, 2022.

- [10] K. Das and R. B. Pachori, "Schizophrenia detection technique using multivariate iterative filtering and multichannel EEG signals," *Biomed Signal Process Control*, vol. 67, May 2021, doi: 10.1016/j.bspc.2021.102525.
- [11] R. Anggara and Y. Rahayu, "Sistem Electroencephalogram (EEG) untuk Analisis Sinyal Gelombang Otak pada Pasien Depresi," *Jurnal Online Mahasiswa Fakultas Teknik Universitas Riau*, vol. 7, no. 1, pp. 1–6, 2020.
- [12] S. Fawaz, K. S. Sim, and S. C. Tan, "Encoding Rich Frequencies for Classification of Stroke Patients EEG Signals," *IEEE Access*, vol. 8, pp. 135811–135820, 2020, doi: 10.1109/ACCESS.2020.3011185.
- [13] W. Mumtaz, S. Rasheed, and A. Irfan, "Review of challenges associated with the EEG artifact removal methods," *Biomed Signal Process Control*, vol. 68, Jul. 2021, doi: 10.1016/j.bspc.2021.102741.
- [14] S. Suwanto, M. H. Bisri, D. C. R. Novitasari, and A. H. Asyhar, "Classification of EEG Signals using Fast Fourier Transform (FFT) and Adaptive Neuro Fuzzy Inference System (ANFIS)," *Jurnal Matematika "MANTIK"*, vol. 5, no. 1, pp. 35–44, May 2019, doi: 10.15642/mantik.2019.5.1.35-44.
- [15] R. Agrawal and P. Bajaj, "EEG based brain state classification technique using support vector machine-a design approach," in *Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020*, Institute of Electrical and Electronics Engineers Inc., Dec. 2020, pp. 895–900. doi: 10.1109/ICISS49785.2020.9316073.
- [16] R. J. Purwanto, H. Fauzi, and M. Ariyanti, "ANALISIS SINYAL EEG DENGAN STUDI KASUS VISUAL DENGAN PENGAMBILAN KEPUTUSAN TERHADAP IMPULSE BUYING," in *e-Proceeding of Engineering*, 2021, pp. 1253–1260.
- [17] H. Fauzi, A. Rizal, A. Oktarianto, and Z. Said, "Classification of Normal and Abnormal Heart Sounds Using Empirical Mode Decomposition and First Order Statistic," *Journal of Electronics, Electromedical Engineering, and*

*Medical Informatics*, vol. 5, no. 2, pp. 82–88, 2023, doi: 10.35882/jeemi.v5i2.286.

- [18] Z. M. Wang, S. Y. Hu, and H. Song, “Channel Selection Method for EEG Emotion Recognition Using Normalized Mutual Information,” *IEEE Access*, vol. 7, pp. 143303–143311, 2019, doi: 10.1109/ACCESS.2019.2944273.
- [19] F. M. Kamil, H. Fauzi, T. Sania Putra, and N. Ibrahim, “OPTIMASI SPATIAL SELECTION UNTUK SELEKSI KANAL EEG DENGAN PARTICLE SWARM OPTIMIZATION,” in *e-Proceeding of Engineering*, 2021, pp. 11640–11648.
- [20] M. F. Firdaus, H. Fauzi, and Y. N. Fuadah, “ANALISA KOMPOSISI KANAL AKTIF PADA SINYAL EEG STROKE MENGGUNAKAN METODE SPATIAL SELECTION,” in *e-Proceeding of Engineering*, 2020, pp. 3147–3154.
- [21] H. Fauzi, M. A. Azzam, M. I. Shapiai, M. Kyoso, U. Khairuddin, and T. Komura, “Energy extraction method for EEG channel selection,” *Telkomnika (Telecommunication Computing Electronics and Control)*, vol. 17, no. 5, pp. 2561–2571, Oct. 2019, doi: 10.12928/TELKOMNIKA.v17i5.12805.
- [22] M. Vikry, “PENGUKURAN PENGARUH SOSIALISASI BUDAYA CIREBON TERHADAP POLA EMOSI DENGAN MENGGUNAKAN METODE STATISTIK ORDE SATU DALAM STUDI NEUROCULTURAL,” Bandung, 23.04.2771, 2023.