

DAFTAR PUSTAKA

- [1] P. Taylor, M. P. D. E. Looze, I. Kingma, W. Thunnissen, M. J. V. A. N. Wijk, and H. M. Toussaint, "The evaluation of a practical biomechanical model estimating lumbar moments in occupational activities," *Ergonomics*, no. December 2014, pp. 37–41, 2007.
- [2] A. E. Vijayan, A. B. K. T, K. Jerome, K. C. Ravindran, and K. J. Dhanaraj, "High SNR EMG Acquisition System for Biofeedback Applications," pp. 10–14, 2015.
- [3] A. D. I. Falih, A. D. Wibawa, and S. Sumpeno, "Klasifikasi Sinyal EMG dari Otot Lengan Bawah Sebagai Media Kontrol Menggunakan Naive Bayes," *repository.its.ac.id*, 2017.
- [4] D. Yuliansyah, "Deteksi Kelelahan Otot Menggunakan Sinyal Emg Dan Detektor Gaya Pada Gerak Dasar Ekstensi Dan Fleksi Knee-Joint Untuk Evaluasi Penggunaan Functional Electrical Stimulation Pada Sistem Rehabilitasi Lower Limb," *repository.its.ac.id*, 2017.
- [5] A. M. R. Dixon, E. G. Allstot, D. Gangopadhyay, and D. J. Allstot, "Compressed sensing system considerations for ECG and EMG wireless biosensors," *IEEE Trans. Biomed. Circuits Syst.*, vol. 6, no. 2, pp. 156–166, 2012.
- [6] Y. M. Chi and G. Cauwenberghs, "Wireless Non-contact EEG / ECG Electrodes for Body Sensor Networks," 2010.
- [7] D. Artanto, M. P. Sulistyanto, I. D. Pranowo, and E. E. Pramesta, "Drowsiness detection system based on eye-closure using a low-cost EMG and ESP8266," *Proc. - 2017 2nd Int. Conf. Inf. Technol. Inf. Syst. Electr. Eng. ICITISEE 2017*, vol. 2018-Janua, pp. 235–238, 2018.
- [8] T. C. Agency *et al.*, "Analisa Sinyal Otot Pergelangan Tangan dalam Kondisi Flexi dan dalam Kondisi Extensi," *Transportation (Amst.)*, vol. 1, no. January, pp. 21–30, 2006.
- [9] Anonim, "Elektromiogram (EMG)," 2019. [Online]. Available: <https://www.gleneagles.com.sg/id/specialties/medical-specialties/orthopaedic-surgery-sports-medicine/emg>. [Accessed: 07-Nov-2019].
- [10] T. Oo, P. Phukpattaranont, and A. S. Data, "signal using DSWT," *2018 15th Int. Conf. Electr. Eng. Comput. Telecommun. Inf. Technol.*, pp. 253–256, 2018.
- [11] L. Walter, "Sparkfun MyoWare Muscle Sensor - _ Mbed," 2016. [Online]. Available: <https://medium.com/@leex5202/an-unofficial-introductory-tutorial-to-myoware-muscle-sensor-development-kit-e2169948e63>. [Accessed: 29-Jul-2020].
- [12] I. Pratiwi, Purnomo, R. Dharmastiti, and L. Setyowati, "Letak Elektroda Elektromiografi pada Upper Extremity Muscle," *Pros. Semin. Nas. TEKNOIN*, no. March, pp. 118–123, 2014.

- [13] D. Craven, B. McGinley, L. Kilmartin, M. Glavin, and E. Jones, "Compressed sensing for bioelectric signals: A review," *IEEE J. Biomed. Heal. Informatics*, vol. 19, no. 2, pp. 529–540, 2015.
- [14] B. Studi and T. Multimedia, "Compressed Sensing untuk Aplikasi Pengolahan Citra," *digilib.its.ac.id*, vol. 60111, pp. 1–6.
- [15] J. Kilby and H. G. Hosseini, "Wavelet Analysis of Surface Electromyography Signals," pp. 384–387, 2004.
- [16] H. D. Helms, W. T. Cochran, J. W. Cooley, and Y. Heights, "the Fast Fourier Transform?," vol. 55, no. 10, pp. 1664–1674, 1967.
- [17] T. Canli, "Power Efficient Algorithms for Computing Fast Fourier Transform over Wireless Sensor Networks," 2015.
- [18] K. K. Yogyakarta, "Algoritma fast fourier transform (fft) decimation in time (dit) dengan resolusi 1/10 hertz," 2009.
- [19] C. La and M. N. Do, "Tree-based orthogonal matching pursuit algorithm for signal reconstruction," *Proc. - Int. Conf. Image Process. ICIP*, no. 3, pp. 1277–1280, 2006.
- [20] J. Li, Z. Wu, H. Feng, Q. Wang, and Y. Liu, "Greedy Orthogonal Matching Pursuit Algorithm for Sparse Signal Recovery in Compressive Sensing," *Conf. Rec. - IEEE Instrum. Meas. Technol. Conf.*, no. 2, pp. 0–3, 2014.
- [21] R. S. and K. Wayne, "Appendix C: Gaussian Distribution," *April 16, 2010.*, 2010. [Online]. Available: <https://introcs.cs.princeton.edu/java/11gaussian/>. [Accessed: 08-Nov-2019].
- [22] V. Tripathi and F. Shakeel, "Monitoring health care system using internet of things-an immaculate pairing," *Proc. - 2017 Int. Conf. Next Gener. Comput. Inf. Syst. ICNGCIS 2017*, pp. 164–167, 2018.
- [23] Y. Yudhanto, "Apa itu IOT (Internet of Thing) ?," *ilmukomputer. org*, pp. 1–7, 2007.
- [24] M. T. Hidayatullah, E. Suhartono, and I. S. S. T, "Kompresi Arithmetic Coding Menggunakan Teknik Cs Dan Arithmetic Compression Coding Using Cs and Combined Technique of Dct and Svd Method," *e-Proceeding Eng.*, vol. 6, no. 1, pp. 503–510, 2019.
- [25] A. Mishra, F. Thakkar, C. Modi, and R. Kher, "ECG Signal Compression [1] P. Taylor, M. P. D. E. Looze, I. Kingma, W. Thunnissen, M. J. V. A. N. Wijk, and H. M. Toussaint, "The evaluation of a practical biomechanical model estimating lumbar moments in occupational activities," *Ergonomics*, no. December 2014, pp. 37–41, 200