

DAFTAR PUSTAKA

- [1] “BIOMEKANIKA,” *PADA TUBUH MANUSIA*, vol. 1999, no. December, pp. 1–6, 2006.
- [2] T. Truelsen, B. Piechowski-Józwiak, R. Bonita, C. Mathers, J. Bogousslavsky, and G. Boysen, “Stroke incidence and prevalence in Europe: A review of available data,” *European Journal of Neurology*, vol. 13, no. 6, pp. 581–598, 2006, doi: 10.1111/j.1468-1331.2006.01138.x.
- [3] O. A. M. A. H Kara, “Penyakit Stroke Non Hemoragik,” *Paper Knowledge . Toward a Media History of Documents*, vol. 7, no. 2, pp. 107–15, 2019.
- [4] J. Bernhardt, P. Langhorne, J. Bernhardt, and G. Kwakkel, “Stroke Care 2 . Stroke rehabilitation Stroke Care 2,” vol. 6736, no. March, 2016.
- [5] E. Primagiasih, “Karya Tulis Ilmiah Penerapan Prosedur Range of Motion (Rom) Pada Pasien Lansia Pasca Stroke Di Desa Pakis Putih & Rowocacing Kecamatan Kedungwuni Kabupaten Pekalongan,” 2019.
- [6] W. E. P. Syahrim, M. U. Azhar, and Risnah, “Efektifitas Latihan ROM Terhadap Peningkatan

- Kekuatan Otot Pada pasien Stroke: Study Systematic Review,” *MPPKI (Media Publikasi Promosi Kesehatan Indonesia): The Indonesian Journal of Health Promotion*, vol. 2, no. 3, pp. 186–191, 2019.
- [7] Murtaqib, “Pengaruh Latihan range of Motion (ROM) Aktif terhadap Perubahan Rentang Gerak Sendi pada Penderita Stroke di Kecamatan Tanggul Kabupaten Jember,” *Ikesma*, vol. 9, no. 2, pp. 106–115, 2013.
- [8] A. Siswa, K. Kiguchi, and Y. Li, “SUEFUL-7: Robot Eksoskeleton Bagian Atas 7DOF dengan Kontrol Berbasis EMG Berorientasi Model Otot,” pp. 1126–1131, 2009.
- [9] H. Kim, L. M. Miller, N. Byl, G. M. Abrams, and J. Rosen, “Redundancy resolution of the human arm and an upper limb exoskeleton,” *IEEE Transactions on Biomedical Engineering*, vol. 59, no. 6, pp. 1770–1779, 2012, doi: 10.1109/TBME.2012.2194489.
- [10] Y. Bouteraa and I. Ben Abdallah, “Exoskeleton robots for upper-limb rehabilitation,” *13th International Multi-Conference on Systems, Signals and Devices, SSD 2016*, pp. 0–5, 2016, doi: 10.1109/SSD.2016.7473769.

- [11] E. R. INDIANTI, “SIMULASI EXOSKELETON UPPER LIMB DENGAN KENDALI EMG,” 2021.
- [12] E. R. INDIANTI and R. Amaliyyah, “SIMULASI EXOSKELETON DENGAN KENDALI MEG,” no. February, p. 6, 2021.
- [13] Aussie Safira, “RANCANG BANGUN UPPER LIMB EXOSKELETON UNTUK MONITORING ROM MENGGUNAKAN SENSOR GYRO BERBASIS IOT,” 2021.
- [14] D. Wang, Q. Meng, Q. Meng, X. Li, and H. Yu, “Design and Development of a Portable Exoskeleton for Hand Rehabilitation,” *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, vol. 26, no. 12, pp. 2376–2386, 2018, doi: 10.1109/TNSRE.2018.2878778.
- [15] “Biomekanika Olahraga,” 2003.
- [16] D. Lestari and E. Yuniarti, “InfoTekJar: Jurnal Nasional Analisis Aktifitas Otot dengan Elektroda Ag / AgCL Menggunakan Labview 2015,” vol. 2, pp. 0–3, 2019.
- [17] R. Rokhana and P. S. Wardana, “Identifikasi Sinyal Electromyograph (Emg) Pada Gerak Ekstensi-Fleksi Siku Dengan Metode Konvolusi Dan Jaringan Syaraf

- Tiruan,” *Industrial Electronic Seminar.*, pp. 1–6, 2009.
- [18] R. L. Gajdosik and R. W. Bohannon, “Clinical measurement of range of motion. Review of goniometry emphasizing reliability and validity,” *Physical Therapy*, vol. 67, no. 12, pp. 1867–1872, 1987, doi: 10.1093/ptj/67.12.1867.
- [19] E. Herman, H. Holleman, and R. Carson, “loadcell,” vol. 08, no. 01, pp. 50–51, 2020.
- [20] S. Al-Mutlaq and A. The Giant, “Load Cell Amplifier HX711 Breakout Hookup Guide - learn.sparkfun.com,” pp. 1–8, 2015, [Online]. Available: <https://learn.sparkfun.com/tutorials/load-cell-amplifier-hx711-breakout-hookup-guide/all%0Ahttps://learn.sparkfun.com/tutorials/load-cell-amplifier-hx711-breakout-hookup-guide>.
- [21] N. S. Shalal and W. S. Aboud, “Smart robotic exoskeleton: A 3-dof for wrist-forearm rehabilitation,” *Journal of Robotics and Control (JRC)*, vol. 2, no. 6, pp. 476–483, 2021, doi: 10.18196/jrc.26125.
- [22] K. Anam, A. R. Chaidir, and F. Isman, “Hand motion strength forecasting using Extreme Learning

Machine for post-stroke rehabilitation,” *Jurnal Teknologi dan Sistem Komputer*, vol. 9, no. 2, pp. 70–76, 2021, doi: 10.14710/jtsiskom.2021.13844.

[23] P. Studi, T. Informatika, F. S. Danteknologi, U. Islam, and N. Syarif, “MENGUNAKAN MODUL ESP32-CAM,” 2020.

[24] W. Yu, J. Rosen, and X. Li, “PID admittance control for an upper limb exoskeleton,” *Proceedings of the American Control Conference*, pp. 1124–1129, 2011, doi: 10.1109/acc.2011.5991147.

[25] A. J. Young and D. P. Ferris, “State of the art and future directions for lower limb robotic exoskeletons,” *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, vol. 25, no. 2, pp. 171–182, 2017, doi: 10.1109/TNSRE.2016.2521160.