

## DAFTAR PUSTAKA

- [1] P. Madona, “Alat Bantu Terapi Pasca Stroke untuk Tangan,” *Jurnal Elektro dan Mesin Terapan*, vol. 4, no. 1, pp. 27–36, 2018, doi: 10.35143/elementer.v4i1.1422.
- [2] P. F. Rubio, “No 主観的健康感を中心とした在宅高齢者における健康関連指標に関する共分散構造分析Title,” vol. 1, pp. 81–109, 2013.
- [3] C. A. Dinata, Y. Syafrita, and S. Sastri, “Artiikel Penelitian,” *Jurnal Kesehatan Andalas*, vol. 2, no. 2, 2013, [Online]. Available: <http://jurnal.fk.unand.ac.id>
- [4] Halimatusyadiah, “Pengetahuan Tentang Range of Motion ( Rom ) Pada Pasien Stroke,” *Jurnal Kesehatan Aeromedika*, vol. v, no. 1, pp. 25–31, 2019.
- [5] S. Hartono and J. Dewanto, “Perancangan Exoskeleton Untuk Terapi Range of Motion Pasif Lengan Atas Tahap Lanjut Penderita Stroke,” *Jurnal Teknik Mesin*, vol. 18, no. 1, pp. 20–24, 2021, doi: 10.9744/jtm.18.1.20-24.
- [6] S. Susanti, S. Susanti, and D. N. BIstara, “Pengaruh Range of Motion (ROM) terhadap Kekuatan Otot pada Pasien Stroke,” *Jurnal Kesehatan Vokasional*,

vol. 4, no. 2, p. 112, 2019, doi:  
10.22146/jkesvo.44497.

- [7] D. M. Bakara and S. Warsito, “Latihan Range of Motion (Rom) Pasif Terhadap Rentang Sendi Pasien Pasca Stroke,” *Idea Nursing Journal*, vol. 7, no. 2, pp. 12–18, 2016.
- [8] O. S. Anita Shinta Kusuma, “Penerapan Prosedur Latihan Range of Motion (Rom) Pasif Sedini Mungkin Pada Pasien Stroke Non Hemoragik (Snh),” *Syntax Literate*, vol. 5, no. 10, pp. 1015–1021, 2020.
- [9] P. Wardhani *et al.*, “Revisi: 9 April 2020,” vol. 19, pp. 1–11, 2021, doi:  
10.31965/infokes.Vol19Iss1.340.
- [10] L. D. L. da Silva, T. F. Pereira, V. R. Q. Leithardt, L. O. Seman, and C. A. Zeferino, “Hybrid impedance-admittance control for upper limb exoskeleton using electromyography,” *Applied Sciences (Switzerland)*, vol. 10, no. 20, pp. 1–19, 2020, doi: 10.3390/app10207146.
- [11] 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.

- [12] A. Wege and A. Zimmermann, "Electromyography sensor based control for a hand exoskeleton," *2007 IEEE International Conference on Robotics and Biomimetics, ROBIO*, pp. 1470–1475, 2007, doi: 10.1109/ROBIO.2007.4522381.
- [13] Y. Ganesan, S. Gobee, and V. Durairajah, "Development of an Upper Limb Exoskeleton for Rehabilitation with Feedback from EMG and IMU Sensor," *Procedia Comput Sci*, vol. 76, no. Iris, pp. 53–59, 2015, doi: 10.1016/j.procs.2015.12.275.
- [14] J. A. Díez, A. Blanco, J. M. Catalán, F. J. Badesa, L. D. Lledó, and N. García-Aracil, "Hand exoskeleton for rehabilitation therapies with integrated optical force sensor," *Advances in Mechanical Engineering*, vol. 10, no. 2, pp. 1–11, 2018, doi: 10.1177/1687814017753881.
- [15] 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.
- [16] D. H. C. Pangemanan, J. N. A. Engka, and S. Supit, "Gambaran Kekuatan Otot Dan Fleksibilitas Sendi Ekstremitas Atas Dan Ekstremitas Bawah Pada Siswa/I Smkn 3 Manado," *Jurnal Biomedik (Jbm)*,

vol. 4, no. 3, pp. 109–118, 2013, doi:  
10.35790/jbm.4.3.2012.1217.

- [17] P. Heo, G. M. Gu, S. jin Lee, K. Rhee, and J. Kim, “Current hand exoskeleton technologies for rehabilitation and assistive engineering,” *International Journal of Precision Engineering and Manufacturing*, vol. 13, no. 5, pp. 807–824, 2012, doi: 10.1007/s12541-012-0107-2.
- [18] K. Li, I. M. Chen, S. H. Yeo, and C. K. Lim, “Development of finger-motion capturing device based on optical linear encoder,” *J Rehabil Res Dev*, vol. 48, no. 1, pp. 69–82, 2011, doi: 10.1682/JRRD.2010.02.0013.
- [19] L. D. L. da Silva, T. F. Pereira, V. R. Q. Leithardt, L. O. Seman, and C. A. Zeferino, “Hybrid impedance-admittance control for upper limb exoskeleton using electromyography,” *Applied Sciences (Switzerland)*, vol. 10, no. 20, pp. 1–19, 2020, doi: 10.3390/app10207146.
- [20] R. Setiawan, H. H. Triharminto, and M. Fahrurozi, “Gesture Control Menggunakan IMU MPU 6050 Metode Kalman Filter Sebagai Kendali Quadcopter,” *Prosiding Seminar Nasional Sains Teknologi dan Inovasi Indonesia (SENASTINDO)*, vol. 3, no. November, pp. 411–422, 2021, doi: 10.54706/senastindo.v3.2021.133.

- [21] S. Tinggi and T. Warga, “Pengendali Motor Servo Posisi dengan Kendali PID Berbasis Mikrokontroler Atmega Pengendali Motor Servo Posisi dengan Kendall Pid,” no. March, 2018.
- [22] G. Wi, F. Bluetooth, and B. Le, “ESP32 MINI 1U,” 2021.
- [23] Patel, “濟無No Title No Title No Title,” pp. 9–25, 2019.
- [24] S. C. Pokress and J. J. D. Veiga, “MIT App Inventor: Enabling Personal Mobile Computing,” pp. 0–2, 2013.