

## DAFTAR PUSTAKA

- [1] M. Raisa, “Left Hemiparesis e . c Hemorrhagic Stroke,” *Medula*, vol. 2 No 4, no. Juni, pp. 70–79, 2014.
- [2] M. Arif and G. Hanila, “Efektifitas Rom Aktif Asistif Spherical Grip Terhadap Peningkatan Kekuatan Otot Ekstremitas Atas Pasien Stroke Di Ruangan Neurologi Rumah Sakit Stroke Nasional Bukittinggi Tahun 2015,” *J. Kesehat. Perintis*, vol. 2, no. 4, pp. 142–148, 2015.
- [3] S. Husada and A. N. Syafni, “Alma Nazelia Syafni, Post Stroke Patient Medical Rehabilitation Literatur Review Rehabilitasi Medik Pasien Pasca Stroke Post Stroke Patient Medical Rehabilitation,” *Alma Nazelia Syafni, Post Stroke Patient Med. Rehabil. Lit. Rev. Rehabil. Med. Pasien Pasca Stroke Post Stroke Patient Med. Rehabil.*, vol. 9, pp. 1–5, 2020, doi: 10.35816/jiskh.v10i2.428.
- [4] A. J. Young and D. P. Ferris, “State of the art and future directions for lower limb robotic exoskeletons,” *IEEE Trans. Neural Syst. Rehabil.*

- Eng.*, vol. 25, no. 2, pp. 171–182, 2017, doi: 10.1109/TNSRE.2016.2521160.
- [5] Y. J. Polie, L. S. Sengkey, and E. Marpaung, “Pengaruh Kinesio Taping Terhadap Nyeri dan Kemampuan Fungsional Pada Hemiplegic Shoulder Pain Pasca Stroke,” *e-conversion - Propos. a Clust. Excell.*, vol. 2, no. 1, pp. 1–6, 2020.
- [6] R. K. Sari and D. Kuswanto, “Pengembangan Desain Lower Limb Eksoskeleton untuk Penderita Disabilitas Pasca Strok dengan Memperhitungkan Movement Differences,” *J. Sains dan Seni ITS*, vol. 9, no. 1, pp. 38–43, 2020, doi: 10.12962/j23373520.v9i1.51835.
- [7] B. Robert and E. B. Brown, *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, no. 1. 2004.
- [8] S. Hartono and J. Dewanto, “Perancangan Eksoskeleton Untuk Terapi Range of Motion Pasif Lengan Atas Tahap Lanjut Penderita Stroke,” *J. Tek. Mesin*, vol. 18, no. 1, pp. 20–24, 2021, doi: 10.9744/jtm.18.1.20-24.

- [9] Q. Meng *et al.*, “Pilot Study of a Powered Exoskeleton for Upper Limb Rehabilitation Based on the Wheelchair,” *Biomed Res. Int.*, vol. 2019, 2019, doi: 10.1155/2019/9627438.
- [10] P. Madona, “Alat Bantu Terapi Pasca Stroke untuk Tangan,” *J. Elektro dan Mesin Terap.*, vol. 4, no. 1, pp. 27–36, 2018, doi: 10.35143/elementer.v4i1.1422.
- [11] E. J. Krisdianto, “Perbedaan Kekuatan Otot Sebelum Dan Sesudah Latihan Range of Motion (Rom) Pasif Pada Pasien Hemiplegia,” 2018, [Online]. Available: <http://repository.stikeskepanjen-pemkabmalang.ac.id:8080/xmlui/handle/123456789/197>
- [12] R. Salam, M. Iqbal, and I. Hasanuddin, “Desain dan Analisis Artificial Exoskeleton pada Prajurit TNI,” *J. Optimasi Sist. Ind.*, vol. 17, no. 2, pp. 135–142, 2018, doi: 10.25077/josi.v17.n2.p135-142.2018.
- [13] Y. Ganesan, S. Gobe, 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] P. Pendidikan and S. D. M. Kesehatan, “Program Studi Politeknik Kesehatan,” no. November, 2018.
- [15] A. Wege and A. Zimmermann, “Electromyography Sensor Based Control for a Hand Exoskeleton,” pp. 1470–1475, 2008.
- [16] R. Rokhana and P. S. Wardana, “Identifikasi Sinyal Electromyograph (Emg) Pada Gerak Ekstensi-Fleksi Siku dengan Metode Konvolusi dan Jaringan Syaraf Tiruan,” *Ind. Electron. Semin.*, p. 6, 2009, [Online]. Available: [http://repo.pens.ac.id/180/1/Identifikasi\\_Sinyal\\_Electromyograph\\_\(Emg\)\\_Pada\\_Gerak\\_Ekstensi-Fleksi\\_Siku\\_Dengan\\_Metode\\_Konvolusi\\_Dan\\_Jaringan\\_Syaraf\\_Tiruan.pdf](http://repo.pens.ac.id/180/1/Identifikasi_Sinyal_Electromyograph_(Emg)_Pada_Gerak_Ekstensi-Fleksi_Siku_Dengan_Metode_Konvolusi_Dan_Jaringan_Syaraf_Tiruan.pdf)
- [17] R. Setiawan, H. H. Triharminto, and M. Fahrurrozi, “Gesture Control Menggunakan IMU MPU 6050 Metode Kalman Filter Sebagai Kendali Quadcopter,” *Pros. Semin. Nas. Sains Teknol. dan Inov. Indones.*, vol. 3, no. November, pp. 411–422, 2021, doi: 10.54706/senastindo.v3.2021.133.

- [18] Rahmat and Wiyono, “Pengendali Motor Servo Posisi dengan Kendali PID Berbasis Mikrokontroler Atmega,” *7th Univ. Res. Colloq. 2018 Stikes PKU Muhammadiyah Surakarta*, no. February, pp. 15–29, 2018.
- [19] M. N. Nizam, Haris Yuana, and Zunita Wulansari, “Mikrokontroler Esp 32 Sebagai Alat Monitoring Pintu Berbasis Web,” *JATI (Jurnal Mhs. Tek. Inform.*, vol. 6, no. 2, pp. 767–772, 2022, doi: 10.36040/jati.v6i2.5713.
- [20] M. Thowil Afif and I. Ayu Putri Pratiwi, “Analisis Perbandingan Baterai Lithium-Ion, Lithium-Polymer, Lead Acid dan Nickel-Metal Hydride pada Penggunaan Mobil Listrik - Review,” *J. Rekayasa Mesin*, vol. 6, no. 2, pp. 95–99, 2015, doi: 10.21776/ub.jrm.2015.006.02.1.
- [21] Ishaq, Azhar, and Muhaimin, “Rancang Bangun Neraca Elektronik Menggunakan Sensor Load Cell Pada Mesin Penggiling Kunyit Kering,” *Tektro*, vol. 3, no. 1, pp. 14–19, 2019, [Online]. Available: <http://e->

[jurnal.pnl.ac.id/index.php/TEKTRO/article/view/1636/1411](http://jurnal.pnl.ac.id/index.php/TEKTRO/article/view/1636/1411)