

## DAFTAR PUSTAKA

- [1] J. M. Morse, “Enhancing the safety of hospitalization by reducing patient falls,” *Am. J. Infect. Control*, vol. 30, no. 6, hal. 376–380, 2002, doi: 10.1067/mic.2002.125808.
- [2] R. Vaishya dan A. Vaish, “Falls in Older Adults are Serious,” *Indian J. Orthop.*, vol. 54, no. 1, hal. 69–74, 2020, doi: 10.1007/s43465-019-00037-x.
- [3] E. Rusminingsih, M. Marwanti, E. Sawitri, dan A. Dwi Cahyani, “Pengaruh Latihan Keseimbangan (Forward Stepping) Terhadap Risiko Jatuh Pada Lansia,” *Urecol Journal. Part C: Health Sciences*, vol. 1, no. 1, hal. 22–28, 2021, doi: 10.53017/ujhs.43.
- [4] Badan Pusat Statistik, *Statistik Penduduk Lanjut Usia 2021*. Badan Pusat Statistik, 2021.
- [5] I. Shalahuddin, I. Maulana, T. Eriyani, dan D. Nurrahmawati, “Latihan Fisik Untuk Menurunkan Resiko Jatuh Pada Lansia : Literature Review,” *Jurnal Keperawatan Jiwa (JKJ)*, vol. 10, no. 4, hal. 739–754, 2022.
- [6] M. Zarah dan A. Djunawan, “Upaya Pencegahan Risiko Pasien Jatuh Di Rawat Inap,” *Jurnal Kesehatan Masyarakat (Undip)*, vol. 10, no. 1, hal. 43–49, 2022, doi: 10.14710/jkm.v10i1.31625.
- [7] Y.-H. Pua, P.-H. Ong, R. A. Clark, D. B. Matcher, dan E. C.-W. Lim, “Falls efficacy, postural balance, and risk for falls in older adults with falls-related emergency department visits: prospective cohort study,” *BMC Geriatr.*, vol. 17, no. 1, hal. 291, Des 2017, doi: 10.1186/s12877-017-0682-2.
- [8] D. J. Hewson, N. K. Singh, H. Snoussi, dan J. Duchêne, “Classification of elderly as fallers and non-fallers using Centre of Pressure velocity,” *2010 Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC’10*. hal. 3678–3681, 2010, doi: 10.1109/IEMBS.2010.5627649.
- [9] D. Pinto, F. Pastene, J. Godoy, B. Gomez, P. Ortega-Bastidas, dan P. Aqueveque, “Static Balance Characterization using a single IMU Located in the Lower Back: Preliminary Results,” *Proc. Annu. Int. Conf. IEEE Eng. Med. Biol. Soc. EMBS*, vol. 2022-July, hal. 1489–1492, 2022, doi: 10.1109/EMBC48229.2022.9870929.
- [10] Ismail, Istiqomah, dan H. Mukhtar, “Development Human Activity Recognition for the Elderly Using Inertial Sensor and Statistical Feature BT - Proceeding of the 3rd International Conference on Electronics, Biomedical Engineering, and Health Informatics,” 2023, hal. 293–305.
- [11] Ismail, “Pengenalan Aktivitas Manusia Untuk Orang Tua Menggunakan Metode Klasifikasi Pembelajaran Mesin,” Telkom University, Bandung, 2022.

- [12] L. Ren dan Y. Peng, “Research of fall detection and fall prevention technologies: A systematic review,” *IEEE Access*, vol. 7, hal. 77702–77722, 2019, doi: 10.1109/ACCESS.2019.2922708.
- [13] “GPS.gov: GPS Accuracy.” [Daring]. Tersedia pada: <https://www.gps.gov/systems/gps/performance/accuracy/>.
- [14] P. M. Simpson, J. C. Bendall, A. Tiedemann, S. R. Lord, dan J. C. T. Close, “Epidemiology of emergency medical service responses to older people who have fallen: a prospective cohort study.,” *Prehospital Emerg. care*, vol. 18, no. 2, hal. 185–194, 2014, doi: 10.3109/10903127.2013.856504.
- [15] D. Ajerla, S. Mahfuz, dan F. Zulkernine, “A real-time patient monitoring framework for fall detection,” *Wirel. Commun. Mob. Comput.*, vol. 2019, 2019, doi: 10.1155/2019/9507938.
- [16] S. Cai, Y. Hu, H. Ding, dan H. Chen, “A Noise Reduction Method for MEMS Gyroscope Based on Direct Modeling and Kalman Filter,” *IFAC-PapersOnLine*, vol. 51, no. 31, hal. 172–176, 2018, doi: <https://doi.org/10.1016/j.ifacol.2018.10.032>.
- [17] M. E. Karar, H. I. Shehata, dan O. Reyad, “A Survey of IoT-Based Fall Detection for Aiding Elderly Care: Sensors, Methods, Challenges and Future Trends,” *Appl. Sci.*, vol. 12, no. 7, 2022, doi: 10.3390/app12073276.
- [18] “Feature Extraction Explained - MATLAB & Simulink.” <https://www.mathworks.com/discovery/feature-extraction.html> (diakses Nov 07, 2023).
- [19] C. Bentéjac, A. Csörgő, dan G. Martínez-Muñoz, *A comparative analysis of gradient boosting algorithms*, vol. 54, no. 3. Springer Netherlands, 2021.
- [20] Y. Miftahuddin, S. Umaroh, dan F. R. Karim, “Perbandingan Metode Perhitungan Jarak Euclidean, Haversine, Dan Manhattan Dalam Penentuan Posisi Karyawan,” *J. Tekno Insentif*, vol. 14, no. 2, hal. 69–77, 2020, doi: 10.36787/jti.v14i2.270.