

DAFTAR PUSTAKA

- [1] M. Szemenyei, V. Estivill-Castro, and M. Szemenyei, "ROBO: Robust, Fully Neural Object Detection for Robot Soccer", doi: 10.48550/arXiv.1910.10949.
- [2] J. Palacín, E. Rubies, E. Clotet, and D. Martínez, "Evaluation of the path-tracking accuracy of a three-wheeled omnidirectional mobile robot designed as a personal assistant," *Sensors*, vol. 21, no. 21, Nov. 2021, doi: 10.3390/s21217216.
- [3] J. Moreno *et al.*, "Design, implementation and validation of the three-wheel holonomic motion system of the assistant personal robot (APR)," *Sensors (Switzerland)*, vol. 16, no. 10, Oct. 2016, doi: 10.3390/s16101658.
- [4] I. Yildiz, "A Low-Cost and Lightweight Alternative to Rehabilitation Robots: Omnidirectional Interactive Mobile Robot for Arm Rehabilitation," *Arab J Sci Eng*, vol. 43, no. 3, pp. 1053–1059, Mar. 2018, doi: 10.1007/s13369-017-2707-8.
- [5] M. Hijikata, R. Miyagusuku, and K. Ozaki, "Omni Wheel Arrangement Evaluation Method Using Velocity Moments," *Applied Sciences (Switzerland)*, vol. 13, no. 3, Feb. 2023, doi: 10.3390/app13031584.
- [6] H. Akkad and H. Ph.D., "A Comparative Review of Omnidirectional Wheel Types for Mobile Robotics," 2023. doi: 10.2139/ssrn.4488112.
- [7] C. Xu *et al.*, "Trajectory Tracking for 3-Wheeled Independent Drive and Steering Mobile Robot Based on Dynamic Model Predictive Control," *Applied Sciences (Switzerland)*, vol. 15, no. 1, Jan. 2025, doi: 10.3390/app15010485.
- [8] / Rest ; Joshi and J. Moreno, "Three Wheeled Omnidirectional Soccer Robot Modelling and Wireless controlling using Bluetooth enabled PlayStation Controller," *REST Journal on Emerging trends in Modelling and Manufacturing*, vol. 5, no. 2, pp. 25–31, 2019, [Online]. Available: www.restpublisher.com/journals/jemm
- [9] Kevin. Lynch and F. C. . Park, *Modern robotics : mechanics, planning, and control Kevin M. Lynch, Northwestern University and Frank C. Park, Seoul National University*. Cambridge University Press, 2023.
- [10] B. Pengembangan Talenta, I. Pusat, P. Nasional, K. Pendidikan, and D. Teknologi, "PEDOMAN KONTES ROBOT INDONESIA (KRI) PENDIDIKAN TINGGI TAHUN 2024."
- [11] A. P. Mohanraj, A. Elango, and M. C. Reddy, "Front and Back Movement Analysis of a Triangle-Structured Three-Wheeled Omnidirectional Mobile Robot by Varying the Angles between Two Selected Wheels," *Scientific World Journal*, vol. 2016, 2016, doi: 10.1155/2016/7612945.
- [12] E. Rubies, J. Palacín, R. Bitriá, and E. Clotet, "Estimation of Motion Capabilities of Mobile Platforms with Three Omni Wheels Based on Discrete Bidirectionality Compliance Analysis," *Applied Sciences (Switzerland)*, vol. 14, no. 16, Aug. 2024, doi: 10.3390/app14167160.
- [13] J. Palacín, E. Rubies, E. Clotet, and D. Martínez, "Evaluation of the path-tracking accuracy of a three-wheeled omnidirectional mobile robot designed as a personal assistant," *Sensors*, vol. 21, no. 21, Nov. 2021, doi: 10.3390/s21217216.
- [14] S. Mohamed, V. Vellaiyan, K. Kim, Y. Kim, and B. Shin, "Development of a Four Omni-Wheeled Mobile Robot Using Telescopic Legs," *Machines*, vol. 13, no. 4, Apr. 2025, doi: 10.3390/machines13040292.
- [15] L. Liang *et al.*, "Model-Based Coordinated Trajectory Tracking Control of Skid-Steer Mobile Robot with Timing-Belt Servo System," *Electronics (Switzerland)*, vol. 12, no. 3, Feb. 2023, doi: 10.3390/electronics12030699.