

DAFTAR PUSTAKA

- [1] L. Chaimowicz and V. Kumar, "Aerial Shepherds : Coordination among UAVs and Swarms of Robots," *Proc. 7th Int. Symp. Distrib. Auton. Robot. Syst.*, pp. 231–240, 2004.
- [2] Roland, Siegwart, Illah, and R., "Autonomous Mobile Robots," *Technology*, 2004.
- [3] S. Nurmaini, S. Zaiton, and D. Norhayati, "An embedded interval type-2 neuro-fuzzy controller for mobile robot navigation," *Conf. Proc. - IEEE Int. Conf. Syst. Man Cybern.*, no. October, pp. 4315–4321, 2009.
- [4] Y. H. Chang, C. L. Chen, W. S. Chan, H. W. Lin, and C. W. Chang, "Fuzzy formation control and collision avoidance for multiagent systems," *Math. Probl. Eng.*, vol. 2013, 2013.
- [5] A. Meylani *et al.*, "Different Types of Fuzzy Logic in Obstacles Avoidance of Mobile Robot," *2018 International Conference on Electrical Engineering and Computer Science (ICECOS)*, PANGKAL PINANG, Indonesia, 2018, pp. 93–100.
- [6] H. Hagras, "A Hierarchical Type-2 Fuzzy Logic Control Architecture for Autonomous Mobile Robots," *IEEE Trans. Fuzzy Syst.*, vol. 12, no. 4, pp. 524–539, 2004.
- [7] L. A. Zadeh, "The roles of soft computing and fuzzy logic in the conception, design and deployment of intelligent systems," *Proc. 6th Int. Fuzzy Syst. Conf.*, vol. 1, p. 1.
- [8] A. S. Handayani, T. Dewi, N. L. Husni, S. Nurmaini, and I. Yani, "Target tracking in mobile robot under uncertain environment using fuzzy logic controller," *Int. Conf. Electr. Eng. Comput. Sci. Informatics*, vol. 4, no. September, pp. 30–34, 2017.
- [9] T. Jin, "Obstacle Avoidance of Mobile Robot Based on Behavior Hierarchy by Fuzzy Logic," vol. 12, no. 3, pp. 245–249, 2012.
- [10] N. L. Husni, A. S. Handayani, S. Nurmaini, and I. Yani, "Cooperative searching strategy for swarm robot," *ICECOS 2017 - Proceeding 2017 Int. Conf. Electr. Eng. Comput. Sci. Sustain. Cult. Herit. Towar. Smart Environ. Better Futur.*, pp. 92–97, 2017.
- [11] K. A. Naik and C. P. Gupta, "Performance comparison of Type-1 and Type-2 fuzzy logic systems," *4th IEEE Int. Conf. Signal Process. Comput. Control. ISPCC 2017*, vol. 2017–January, pp. 72–76, 2018.
- [12] O. Castillo, L. Amador-Angulo, J. R. Castro, and M. Garcia-Valdez, "A comparative study of type-1 fuzzy logic systems, interval type-2 fuzzy logic systems and generalized type-2 fuzzy logic systems in control problems," *Inf. Sci. (Ny).*, vol. 354, pp. 257–274, 2016.

- [13] Ahlina, Nuril (2015) “*Sistem Kendali Motor Servo Sebagai Penggerak Kamera Pada Robot Boat Pengintai Menggunakan Xbee Series 1 Berbasis Arduino*” Other thesis, Politeknik Negeri Sriwijaya.
- [14] I. Z. Budiarsro, “Sistem Monitoring Tingkat Ketinggian Air Bendungan Bebas Mikrokontroller,” *J. Din. Inform.*, vol. Vol 3, 2015.
- [15] M. T. Setiawan, Iwan , S.T., “Buku Ajar Sensor dan Tranduser,” *Semarang, Univ. Diponegoro*, pp. 1–49, 2011.
- [16] Budiharto, Widodo. “Robotika : Teori + Implementasi”. *Yogyakarta : Andi Offset*, 2010.
- [17] H. Hassani and J. Zarei, “Interval Type-2 fuzzy logic controller design for the speed control of DC motors,” *Syst. Sci. Control Eng.*, vol. 3, no. 1, pp. 266–273, 2015.
- [18] X. Li and B. J. Choi, “Design of obstacle avoidance system for mobile robot using fuzzy logic systems,” *Int. J. Smart Home*, vol. 7, no. 3, pp. 321–328, 2013.