



DAFTAR PUSTAKA

- Boumehraz, M., Benmahammed, K., Hadjili, M.L. and Werzz, V., 2001. Fuzzy Inference Systems Optimization by Reinforcement Learning. *Courrier du Savoir*, 1(1), pp.9-15.
- Bufardi, A., Akten, O., Arif, M., Xirouchakis, P. and Perez, R., 2017. A multiple-input multiple-output (MIMO) fuzzy nets framework for part quality prediction and planning. *WSEAS Transactions on Systems*, 16, pp.242-253.
- Dhimish, M., Holmes, V., Mehrdadi, B. and Dales, M., 2018. Comparing Mamdani Sugeno fuzzy logic and RBF ANN network for PV fault detection. *Renewable energy*, 117, pp.257-274.
- Hong, J., Tang, K. and Chen, C., 2017. Obstacle avoidance of hexapod robots using fuzzy Q-learning. In *2017 IEEE Symposium Series on Computational Intelligence (SSCI)* (pp. 1-6). IEEE.
- Liu, Z., Pei, X., Chen, Z., Yang, B. and Guo, X., 2019. *Differential Speed Steering Control for Four-Wheel Distributed Electric Vehicle* (No. 2019-01-1235). SAE Technical Paper.
- Omrane, H., Masmoudi, M.S. and Masmoudi, M., 2016. Fuzzy logic based control for autonomous mobile robot navigation. *Computational intelligence and neuroscience*, 2016.
- Sharma, R., 2014, November. Fuzzy Q learning based UAV autopilot. In *2014 Innovative Applications of Computational Intelligence on Power, Energy and Controls with their impact on Humanity (CIPECH)* (pp. 29-33). IEEE.
- Shi, H., Li, X., Hwang, K.S., Pan, W. and Xu, G., 2016. Decoupled visual servoing with fuzzy Q-learning. *IEEE Transactions on Industrial Informatics*, 14(1), pp.241-252.
- Visioli, A., 2012. Research trends for PID controllers. *Acta Polytechnica*, 52(5).
- Wang, T., Wu, Y., Liang, J., Han, C., Chen, J. and Zhao, Q., 2015. Analysis and experimental kinematics of a skid-steering wheeled robot based on a laser scanner sensor. *Sensors*, 15(5), pp.9681-9702.
- Zadeh, L.A., 1965. Fuzzy sets. *Information and control*, 8(3), pp.338-353.



UNIVERSITAS
GADJAH MADA

**KENDALI OTOMATIS ROBOT BERGERAK DENGAN FUZZY DAN Q-LEARNING DALAM
MENGHINDARI RINTANGAN DALAM
RUANGAN**

LEON WONOHITO, M. Idham Ananta Timur, S.T., M.Kom.; Ika Candradewi, S.Si., M.Cs.

Universitas Gadjah Mada, 2020 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Zhang, Y., Wei, X. and Zhou, X., 2019, March. Dynamic obstacle avoidance based on multi-sensor fusion and Q-learning algorithm. In *2019 IEEE 3rd Information Technology, Networking, Electronic and Automation Control Conference (ITNEC)* (pp. 1569-1573). IEEE.