

DAFTAR PUSTAKA

- Ak, R.E. & E. Iskandar, n.d. *Implementasi Sistem Navigasi Behavior Based Dan Kontroler PID Pada Manuver Robot Maze*,.
- Arduino, n.d. *Arduino Mega 2560*. <https://www.arduino.cc/>.
- Baturone, I., F.J. Moreno-Velo, S. Sanchez-Solano & A. Ollero, 2004. Automatic Design of Fuzzy Controllers for Car-Like Autonomous Robots, *IEEE Transactions on Fuzzy Systems* 12(4), 447–65.
- Chiu, C.S., K.Y. Lian & P. Liu, 2005. Fuzzy gain scheduling for parallel parking a car-like robot, *IEEE Transactions on Control Systems Technology* 13(6), 1084–92.
- Dubois, D. & H. Prade, 1996. What are fuzzy rules and how to use them, *Fuzzy Sets and Systems*.
- El-Khatib, M.M. & D.J. Hamilton, 2006. A layered fuzzy controller for nonholonomic car-like robot motion planning, *2006 IEEE International Conference on Mechatronics, ICM* 194–98.
- Fahmizal, n.d. *Driver Motor DC pada Robot Beroda dengan Konfigurasi H-BRIDGE MOSFET*. <https://fahmizaleeits.wordpress.com/tag/driver-motor-dc-pada-robot-beroda-dengan-konfigurasi-h-bridge-mosfet/>.
- Fahmizal, n.d. *Merancang Rangkaian Sensor Garis*. <https://fahmizaleeits.wordpress.com/tag/cara-kerja-sensor-garis/>.
- Fahmizal, n.d. *Rumus Kecepatan Motor DC*. <https://fahmizaleeits.wordpress.com/2011/12/04/driver-motor-dc-pada-robot-beroda-dengan-konfigurasi-h-bridge-mosfet/rumus-kecepatan-motor-dc/>.
- Guerrero, H.B., A.E. Baquero Velasquez, J.F. Barrero, D.Z. Cöco, J.C. Risardi, D.V. Magalhães & M. Becker, 2014. Orientation (Yaw) Fuzzy controller applied to a car-like mobile robot prototype, *2014 IEEE 5th Colombian Workshop on Circuits and Systems, CWCAS 2014 - Conference Proceedings* 7–12.
- Hasan, K.M. & A. Al Mamun, 2012. *Implementation Of Autonomous Line Follower Robot*,.
- Klir, G.J. & B. Yuan, 1995. *Fuzzy Sets and Fuzzy Logic: Theory and Applications*.
- Li, T.H.S., S.J. Chang & Y.X. Chen, 2003. Implementation of human-like driving skills by autonomous fuzzy behavior control on an FPGA-based car-like mobile robot, *IEEE Transactions on Industrial Electronics* 50(5), 867–80.
- Li, T.S. & S. Chang, 2003. *Of a Car-Like Mobile Robot*, 33(4), 451–65.
- Liu, Z., Y. Wang & T.-F. Lu, 2011. Car-Like Mobile Robot Reverse Parking: Using

Fuzzy Logic Control Approach, *International Conference on Robot, Vision and Signal Processing 0*, 77–80.

Livchitz, M., A. Abershitz, U. Soudak & A. Kandel, 1998. Development of an automated fuzzy-logic-based expert system for unmanned landing, *Fuzzy Sets and Systems*.

Maslak, W. & B. Butkiewicz, 2013. Autonomous vehicle with fuzzy control, *Signal Processing Symposium (SPS ...* (June 2011), 0–5.

Negnevitsky, M., 2005. Artificial intelligence: a guide to intelligent systems. Pearson Education., in *Artificial Intelligence: A Guide to Intelligent Systems*.

Ouadah, N., L. Ourak, M. Hamerlain & F. Boudjema, 2006. Implementation of an oriented positioning on a car-like mobile robot by fuzzy control, *IECON Proceedings (Industrial Electronics Conference)* 4076–81.

Sanchez, Elie; Shibata, Takanori; Zadeh, L.A., 1997. Genetic algorithms and fuzzy logic systems: soft computing perspectives, *Book: Advances in fuzzy systems ISBN 9789810224233*.

Schwartz, D.G., G.J. Klir, I. Lewis, H.W. & Y. Ezawa, 1994. Applications of fuzzy sets and approximate reasoning, *Proceedings of the IEEE*.

Scicluna, N., E. Gatt, O. Casha, I. Grech & J. Micallef, 2012. FPGA-based autonomous parking of a car-like robot using Fuzzy Logic Control, *2012 19th IEEE International Conference on Electronics, Circuits, and Systems, ICECS 2012* 229–32.

Sivanandam, S.N., S. Sumathi & S.N. Deepa, 2007. *Introduction to Fuzzy Logic Using MATLAB*.

Talebi Abatari, H. & A. Dehghani Tafti, 2013. Using a fuzzy PID controller for the path following of a car-like mobile robot, *Robotics and Mechatronics (ICRoM), 2013 First RSI/ISM International Conference on* 189–93.

Tanaka, K. & M. Sugeno, 1992. Stability analysis and design of fuzzy control systems, *Fuzzy Sets and Systems*.

Thrun, S., 2002. Robotic Mapping: A Survey, *Science*.

Zadeh, L.A., 1965. Fuzzy sets, *Information and Control*.