

## DAFTAR KEPUSTAKAAN

- [1] C. Piddock, *Selidik National Geographic: Teknologi Masa Depan*, terjemahan Furkan, National Geographic Society, Washington, D.C, 2009.
- [2] S. G. Tzafestas, *Introduction to Mobile Robot Control*, Elsevier Inc, London, 2014.
- [3] W. Budiharto, *Robotika Teori + Implementasi*, ANDI, Yogyakarta, 2010.
- [4] B. P. d. P. B. Kemdikbud, ro.bot, *KBBI Daring* (Online), 2016 (<https://kbbi.kemdikbud.go.id/entri/robot>, diakses 06 April 2019).
- [5] Oxford dan University, Robot, *English Oxford Living Dictionaries* (Online), 2019 (<https://en.oxforddictionaries.com/definition/robot>, diakses 7 April 2019).
- [6] P. Coiffet dan M. Chirouze, *An Introduction to Robot Technology*, Hermes Publishing, Paris, 1982.
- [7] A. Narwan, *Teknik Rancang Bangun Robot*, ANDI, Yogyakarta, 2012.
- [8] E. B. Prinandika, Sistem Pengaturan Kecepatan Motor Pada Robot Line Follower Berbeban menggunakan Kontroler PID, *Jurnal Mahasiswa TEUB*, 2(5): 1 - 8, 2014.
- [9] D. A. G. Setyanoveka, Sistem Pengendali Perlambatan Kecepatan Motor pada Robot Line Follower dengan Sensor Ultrasonik, *Jurnal Mahasiswa TEUB*, 2(4): 1 - 6, 2014.
- [10] Rais dan I. P. Harjana, Perancangan Robot Pemindah Barang Line Follower Berbasis Mikrokontroler PIC16F877, *Smart Comp*, 7(2): 267 - 273, 2018.
- [11] A. R. Mulyana, dkk, ROPADAS (Robot Pramusaji Cerdas) Berbasis Line Follower System, *prosiding elektronik (e-proceedings) PIMNAS*, Program Kreativitas Mahasiswa - Teknologi (PKM-T), hal Lombok, 2013.
- [12] M. A. Prayudi, dkk, Perancangan Robot Line Follower Pemisah Benda Berdasarkan Warna Berbasis Mikrokontroler ATMega16, *Citec Journal*, 1(3): 183 - 193, 2014.
- [13] A. Wibowo, dkk, Perancangan Robot Line Follower Pemadam Api Berbasis Mikrokontroler ATMEGA16, *INFORMATIKA*, 9(1): 30 - 34, 2014.

- [14] N. Umar, Aplikasi Computer Vision Untuk Penentuan Posisi Objek Simetris Pada Ruang Tiga Dimensi, *Inspiration*, **1(1)**: 27 - 37, 2011.
- [15] A. Alhaqi, *Perancangan Robot Line Follower Pendekripsi Benda pada Kondisi Terhalang Berbasis Kamera dengan Metoda Fitur Bentuk*, Tugas Akhir dan Tesis Publisher, 2019.
- [16] A. Yulianto dan E. Ramadan, SISTEM KENDALI ROBOT MANIPULATOR PEMINDAH BARANG DENGAN UMPAN BALIK VISUAL, *Jurnal Ilmiah Mikrotek*, **1(2)**: 1, 2014.
- [17] H. Mandala, dkk, Sistem Deteksi Bola Berdasarkan Warna Bola Dan Background Warna Lapangan Pada Robot Barelang FC, dipresentasikan pada *The 4th Indonesian Symposium on Robot Soccer Competition Surabaya*, 1 Juni 2016 2016 of Conference.
- [18] N. Yilmaz dan S. Sagiroglu, Real-Time Line Tracking Based on Web Robot Vision, *Computer Applications in Engineering Education* **19(4)**: 806 - 813, 2011.
- [19] T. Sutoyo, dkk, *Teori Pengolahan Citra Digital*, ANDI, Yogyakarta, 2009.
- [20] D. Putra, *Pengolahan Citra Digital*, ANDI, Yogyakarta, 2010.
- [21] G. Electronic, RPi Camera (B), *Green Electronic Store* (Online), 2019 (<https://www.greenelectronicstore.com/waveshare/59-rpi-camera-b.html>, diakses 25 April 2019).
- [22] J. Cicolani, *Beginning Robotics with Raspberry Pi and Arduino: Using Python and OpenCV*, Apress, Texas, 2018.
- [23] M. Pakdaman, dkk, A Line Follower Robot from design to Implementation: Technical issues and problems, dipresentasikan pada *The 2nd International Conference on Computer and Automation Engineering (ICCAE)*, Singapore, 2010 of Conference.
- [24] S. F. Model, FEETECH 2WD/4WD Mobile Robot Platform line follower car, *Alibaba* (Online), 2019 ([https://www.alibaba.com/product-detail/FEETECH-2WD-4WD-Mobile-Robot-Platform\\_60378474738.html](https://www.alibaba.com/product-detail/FEETECH-2WD-4WD-Mobile-Robot-Platform_60378474738.html), diakses 10 April 2019).
- [25] J. Fraden, *Handbook of Modern Sensors 4th ed*, Springer, New York, 2010.
- [26] D. P. Jones, *Biomedical Sensors 1st ed*, Momentum Press, New York, 2010.

- 
- [27] M. J. McGrath dan C. N. Scanaill, *Sensor Technologies*, Apress, UK, 2013.
  - [28] R. F. Robot, Rancang Bangun Robot Pengikut Garis (Line Follower) Menggunakan Sensor Infra Merah (Photodioda), *Tekno*, **8(54)**: 61 - 65, 2010.
  - [29] R. L. Boylestad dan L. Nashelsky, *Electronic Devices and Circuit Theory 11th ed*, Pearson Education, USA, 2013.
  - [30] G. Gridling dan B. Weiss, *Introduction to Microcontrollers*, Vienna University of Technology, Austria, 2007.
  - [31] Johnson, Johnson HC785LP 70045 High Power DC Motor (775 type), *DC Electrics Motor* (Online), 2002 (<https://gimsonrobotics.co.uk/categories/dc-electric-motors/products/johnson-hc785lp-70045-high-power-dc-motor-775-type>, diakses 13 April 2019).
  - [32] R. C. Gonzales dan R. E. Woods, *Digital Image Processing 3rd ed*, Prentice Hall, New Jersey, 2008.
  - [33] A. Pamungkas, Photo Editing Using Matlab, *Pemogramman Matlab* (Online), 2015 (<https://pemrogramanmatlab.com/2015/09/13/photo-editing-using-matlab/>, diakses 14 April 2019).
  - [34] A. Pamungkas, Model Ruang Warna Pengolahan Citra, *Pemograman Matlab* (Online), 2016 (<https://pemrogramanmatlab.com/2016/06/08/model-ruang-warna-pengolahan-citra/>, diakses 14 April 2019).
  - [35] A. Pamungkas, Segmentasi Warna, *Pemograman Matlab* (Online), 2016 (<https://pemrogramanmatlab.com/pengolahan-citra-digital/segmentasi-citra/segmentasi-warna/>, diakses 17 April 2019).