DAFTAR PUSTAKA

Barker, Q. *et al.* (2019) *Vertical Take-off and Landing Autonomous Aircraft Design, Tidak Dipublikasikan*. Worcester Polytechnic Institute.

Bi, Y. and Duan, H. (2013) 'Implementation of autonomous visual tracking and landing for a low-cost quadrotor', *Optik*. Elsevier GmbH., 124(18), pp. 3296–3300. doi: 10.1016/j.ijleo.2012.10.060.

Budi Putranto, B. Y., Hapsari, W. and Wijana, K. (2011) 'Segmentasi Warna Citra Dengan Deteksi Warna Hsv Untuk Mendeteksi Objek', *Jurnal Informatika*, 6(2). doi: 10.21460/inf.2010.62.81.

Carreira, T. G. (2013) *Quadcopter Automatic Landing on a Docking Station*. Instituto Superior T´ecnico.

D'Orazio, T. *et al.* (1994) 'Mobile Robot Position Determination Using Visual Landmarks', *IEEE Transactions on Industrial Electronics*, 41(6), pp. 654–662. doi: 10.1109/41.334582.

ECMA International (2017) 'The JSON Data Interchange Syntax', *Standard ECMA-404*, 2nd Editio(December 2017), p. 8. Available at: http://www.ecma-international.org/publications/standards/Ecma-404.htm.

Falanga, D. *et al.* (2017) 'Vision-based autonomous quadrotor landing on a moving platform', *SSRR 2017 - 15th IEEE International Symposium on Safety, Security and Rescue Robotics, Conference*, pp. 200–207. doi: 10.1109/SSRR.2017.8088164.

Fauzan, F. (2019) *Perancangan Obstacle Aviodance Dan Ground Control Stasion (GCS) Quadcopter Berbasis Processing IDE*. Universitas Gadjah Mada.

Hastawan, A. F., Hidayatno, A. and Isnanto, R. R. (2013) 'Deteksi Sudut Menggunakan Kode Rantai Untuk Pengenalan Bangun Datar Dua Dimensi', *TRANSMISI*, 15(1). doi: 10.12777/transmisi.15.1.1-7.

Hastawan, A. F., Septiana, R. and Windarto, Y. E. (2019) 'Perbaikan Hasil Segmentasi Hsv Pada Citra Digital Menggunakan Metode Segmentasi Rgb Grayscale', *Edu Komputika Journal*, 6(1), pp. 32–37. doi: 10.15294/edukomputika.v6i1.23025.

Kim, J. *et al.* (2015) 'Autonomous flight system using marker recognition on drone', *2015 Frontiers of Computer Vision, FCV 2015*, pp. 2–5. doi: 10.1109/FCV.2015.7103712.

Kumaseh, M. R., Latumakulita, L. and Nainggolan, N. (2013) 'Segmentasi Citra Digital Ikan Menggunakan Metode Thresholding', *Jurnal Ilmiah Sains*, 13(1), p. 74. doi: 10.35799/jis.13.1.2013.2057.

Lange, S., Sünderhauf, N. and Protzel, P. (2008) 'Autonomous Landing for a Multirotor UAV Using Vision', *SIMPAR 2008 Intl. Conf. on Simulation, Modeling and Programming for Autonomous Robots*, pp. 482–491.

Lee, H., Jung, S. and Shim, D. H. (2016) 'Vision-based UAV landing on the moving vehicle', *2016 International Conference on Unmanned Aircraft Systems, ICUAS 2016*, 5, pp. 1–7. doi: 10.1109/ICUAS.2016.7502574.

Lilian, C., Setyawan, G. E. and Kurniawan, W. (2018) 'Sistem Pendaratan

Otomatis Quadcopter dengan Pengolahan Citra menggunakan Metode Douglas Peucker', *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer (J-PTIIK) Universitas Brawijaya*, 2(11).

Marty, J. a (2014) *Vulnerability Analysis of the MAVLink Protocol for Command and Control of Unmanned Aircraft*. Air Force Institute Of Technology. Available at: http://oai.dtic.mil/oai/oai?verb=getRecord&metadataPrefix=html&identifier=ADA598977.

Mordvintsev, A. and K, A. (2017) *OpenCV-Python Tutorials Documentation*. Available at: https://docs.opencv.org/ (Accessed: 30 July 2021).

Pamungkas, E. M., Sumbodo, B. A. A. and Candradewi, I. (2017) 'Sistem Pendeteksi dan Pelacakan Bola dengan Metode Hough Circle Transform, Blob Detection, dan Camshift Menggunakan AR.Drone', *IJEIS (Indonesian Journal of Electronics and Instrumentation Systems)*, 7(1), p. 1. doi: 10.22146/ijeis.15405.

Prapulla, N., Veena, S. and Srinivasalu, G. (2017) 'Development of algorithms for MAV security', *2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings*. IEEE, pp. 799–802. doi: 10.1109/RTEICT.2016.7807936.

Prasetyo, H. (2016) *Implementasi Sistem Kendali Pid Pada Kesetabilan Quadcopter*. Universitas Gadjah Mada.

Raspbian (2021) *FrontPage - Raspbian*. Available at: https://www.raspbian.org/ (Accessed: 30 July 2021).

RD. Kusumanto and Tompunu, A. N. (2011) ‘Pengolahan Citra Digital Untuk Mendeteksi Obyek Menggunakan Pengolahan Warna Model Normalisasi RGB RD.’, *Seminar Nasional Teknologi Informasi & Komunikasi Terapan 2011*, 17(C), pp. 329–332. doi: 10.1016/S0166-1116(08)71924-1.

Saifullah, S., Sunardi, S. and Yudhana, A. (2016) ‘Perbandingan Segmentasi Pada Citra Asli Dan Citra Kompresi Wavelet Untuk Identifikasi Telur’, *ILKOM Jurnal Ilmiah*, 8(3), pp. 190–196. doi: 10.33096/ilkom.v8i3.75.190-196.

Saravanan, G., Yamuna, G. and Nandhini, S. (2016) ‘Real time implementation of RGB to HSV/HSI/HSL and its reverse color space models’, *International Conference on Communication and Signal Processing, ICCSP 2016*, 6(1), pp. 462–466. doi: 10.1109/ICCSP.2016.7754179.

Sefidgari, B. L. and Shamchi, S. P. (2014) ‘Auto Landing Process for Autonomous Flying Robot by Using Image Processing Based on Edge Detection’, *Computer Science & Information Technology (CS & IT)*, 4(18), pp. 361–368. doi: 10.5121/csit.2014.4133.

Siswaja, H. D. (2008) ‘Prinsip Kerja dan Klasifikasi Robot’, *Media Informatika*, 7(3), pp. 147–157.

Suryowinoto, A. and Hamid, A. (2017) ‘Penggunaan Pengolahan Citra Digital dengan Algoritma Edge Detection dalam Mengidentifikasi Kerusakan Kontur Jalan’, *Seminar Nasional Sains dan Teknologi Terapan V*, pp. 149–154.

Suyadhi, T. D. S. (2015) *Multirotor-Modelling-Designing-Building, 1st ed.* 1st edn. Yogyakarta: Andi.

Suyoto, T. *et al.* (2009) *Teori Pengolahan Citra Digital*. Yogyakarta: Andi Yogyakarta dan UDINUS Semarang.

The Python Tutorial (2021). Available at: https://docs.python.org/3/tutorial/index.html (Accessed: 30 July 2021).

Veena, S., Vaitheeswaran, S. and Lokesha, H. (2014) 'Towards the development of secure mavs', *ICRAMAV-2014 (3rd International Conference)*.

Venugopalan, T. K., Taher, T. and Barbastathis, G. (2012) 'Autonomous landing of an Unmanned Aerial Vehicle on an autonomous marine vehicle', *OCEANS 2012 MTS/IEEE: Harnessing the Power of the Ocean*. doi: 10.1109/OCEANS.2012.6404893.

Wang, J. and Zhang, W. (2018) 'A Survey of Corner Detection Methods', 139(Iceea), pp. 214–219. doi: 10.2991/iceea-18.2018.47.

Wickramanayake, D. *et al.* (2019) 'Landing a Quadcopter on to a moving landing target using Computer Vision Landing a Quadcopter on to a moving landing target using Computer Vision', (January).