

## DAFTAR PUSTAKA

- [1] J. Jiao, L. Yuan, W. Tang, Z. Deng, and Q. Wu, "A Post-Rectification Approach of Depth Images of Kinect v2 for 3D Reconstruction of Indoor Scenes," *ISPRS Int. J. Geo-Information*, vol. 6, no. 11, 2017, doi: 10.3390/ijgi6110349.
- [2] E. Lachat, H. Macher, T. Landes, and P. Grussenmeyer, "Assessment and calibration of a RGB-D camera (Kinect v2 Sensor) towards a potential use for close-range 3D modeling," *Remote Sens.*, vol. 7, no. 10, pp. 13070–13097, 2015, doi: 10.3390/rs71013070.
- [3] K. Asadi *et al.*, "Vision-based integrated mobile robotic system for real-time applications in construction," *Autom. Constr.*, vol. 96, no. Isarc, pp. 470–482, 2018, doi: 10.1016/j.autcon.2018.10.009.
- [4] X. Lu, H. Wang, S. Tang, H. Huang, and C. Li, "DM-SLAM: Monocular SLAM in dynamic environments," *Appl. Sci.*, vol. 10, no. 12, 2020, doi: 10.3390/app10124252.
- [5] L. Cao, J. Ling, and X. Xiao, "Study on the influence of image noise on monocular feature-based visual slam based on ffdnet," *Sensors (Switzerland)*, vol. 20, no. 17, pp. 1–18, 2020, doi: 10.3390/s20174922.
- [6] T. Peng, D. Zhang, D. L. N. Hettiarachchi, and J. Loomis, "An evaluation of embedded GPU systems for visual SLAM algorithms," *IS T Int. Symp. Electron. Imaging Sci. Technol.*, vol. 2020, no. 6, pp. 1–6, 2020, doi: 10.2352/ISSN.2470-1173.2020.6.IRIACV-325.
- [7] L. Cui, C. Ma, and F. Wen, "Direct-ORB-SLAM: Direct Monocular ORB-SLAM," *J. Phys. Conf. Ser.*, vol. 1345, no. 3, 2019, doi: 10.1088/1742-6596/1345/3/032016.
- [8] A. Alapetite, Z. Wang, J. P. Hansen, M. Zajączkowski, and M. Patalan, "Comparison of three off-the-shelf visual odometry systems," *Robotics*, vol. 8, no. 3, 2020, doi: 10.3390/ROBOTICS9030056.
- [9] I. Z. Ibragimov and I. M. Afanasyev, "2019 16th Workshop on Positioning, Navigation and Communication, WPNC 2019," *2019 16th Work.*

*Positioning, Navig. Commun. WPNC 2019*, 2019.

- [10] M. Rokonzaman, M. A. Al Amin, M. H. K. M. U. Ahmed, and M. T. Rahman, "Automatic vehicle identification system using machine learning and robot operating system (ROS)," *4th Int. Conf. Adv. Electr. Eng. ICAEE 2017*, vol. 2018-Janua, pp. 253–258, 2017, doi: 10.1109/ICAEE.2017.8255362.
- [11] M. Hermann, B. Ruf, and M. Weinmann, "Real-time dense 3D reconstruction from monocular video data captured by low-cost UAVS," *Int. Arch. Photogramm. Remote Sens. Spat. Inf. Sci. - ISPRS Arch.*, vol. 43, no. B2-2021, pp. 361–368, 2021, doi: 10.5194/isprs-archives-XLIII-B2-2021-361-2021.
- [12] G. Yang, Z. Chen, Y. Li, and Z. Su, "Rapid relocation method for mobile robot based on improved ORB-SLAM2 algorithm," *Remote Sens.*, vol. 11, no. 2, 2019, doi: 10.3390/rs11020149.
- [13] S. I. L. Aprianti Putri Sujana, Sri Nurhayati, "SISTEM APLIKASI UJIAN PRAKTIKUM ONLINE MENGGUNAKAN MINI PC," *J. Tek. Komput. Unikom*, vol. 6, no. 1, pp. 2–5, 2017.
- [14] G. Hao, X. Du, H. Chen, J. Song, and T. Gao, "Scale-unambiguous relative pose estimation of space uncooperative targets based on the fusion of three-dimensional time-of-flight camera and monocular camera," *Opt. Eng.*, vol. 54, no. 5, p. 053112, 2015, doi: 10.1117/1.oe.54.5.053112.
- [15] S. Han, N. Vale, and J. Conroy, "Measurement Based Stabilizing PID Controllers for Camera Gimbals," *Proc. IEEE Conf. Decis. Control*, vol. 2020-Decem, no. Cdc, pp. 5885–5890, 2020, doi: 10.1109/CDC42340.2020.9303993.
- [16] B. Alsadik and S. Karam, "The Simultaneous Localization and Mapping (SLAM)-An Overview," *J. Appl. Sci. Technol. Trends*, vol. 2, no. 04, pp. 120–131, 2021, doi: 10.38094/sgej1027.
- [17] R. Mur-Artal, J. M. M. Montiel, and J. D. Tardos, "ORB-SLAM: A Versatile and Accurate Monocular SLAM System," *IEEE Trans. Robot.*, vol. 31, no. 5, pp. 1147–1163, 2015, doi: 10.1109/TRO.2015.2463671.

- [18] C. Campos, R. Elvira, J. J. G. Rodriguez, J. M. M. Montiel, and J. D. Tardos, "ORB-SLAM3: An Accurate Open-Source Library for Visual, Visual-Inertial, and Multimap SLAM," *IEEE Trans. Robot.*, vol. 37, no. 6, pp. 1874–1890, 2021, doi: 10.1109/TRO.2021.3075644.
- [19] M. Andersson and M. Baerveldt, "Simultaneous localization and mapping for vehicles using ORB-SLAM2," 2018.
- [20] P. Anggraeni, R. Ridwan, and M. T. A. Asshyidiqi, "Penerapan Algoritma ORB SLAM-2 Pada Sistem Pemetaan Lingkungan Multi Robot," *INVOTEK J. Inov. Vokasional dan Teknol.*, vol. 20, no. 3, pp. 123–134, 2020, doi: 10.24036/invotek.v20i3.854.
- [21] W. G. Aguilar, V. S. Salcedo, D. S. Sandoval, and B. Cobeña, "Developing of a Video-Based Model for UAV Autonomous Navigation," *Commun. Comput. Inf. Sci.*, vol. 720, pp. 94–105, 2017, doi: 10.1007/978-3-319-71011-2\_8.
- [22] S. C. Zhou, R. Yan, J. X. Li, Y. K. Chen, and H. Tang, "A brain-inspired SLAM system based on ORB features," *Int. J. Autom. Comput.*, vol. 14, no. 5, pp. 564–575, 2017, doi: 10.1007/s11633-017-1090-y.
- [23] C. Ma, X. Hu, L. Fu, and G. Zhang, "An Improved ORB Algorithm Based on Multi-Feature Fusion," *IEEE Int. Symp. Ind. Electron.*, vol. 2018-June, pp. 729–734, 2018, doi: 10.1109/ISIE.2018.8433586.
- [24] O. Andersson and S. Reyna Marquez, "A comparison of object detection algorithms using unmanipulated testing images," p. 31, 2016, [Online]. Available: <https://www.diva-portal.org/smash/get/diva2:927480/FULLTEXT01.pdf>.
- [25] R. S. Yeoh, "Design and Development of an Online Robot Programming Framework With Robot Operating System (Ros) Yeoh Ru Sern," 2019.
- [26] S. Pietrzik and B. Chandrasekaran, "Setting up and Using ROS-Kinetic and Gazebo for Educational Robotic Projects and Learning," *J. Phys. Conf. Ser.*, vol. 1207, no. 1, 2019, doi: 10.1088/1742-6596/1207/1/012019.
- [27] M. Zhang, Y. Bai, S. Yuan, N. Tian, and J. Wang, "Design and Implementation of File Multi-Cloud Storage System Based on Android,"

*Proc. IEEE Int. Conf. Softw. Eng. Serv. Sci. ICSESS*, vol. 2020-Octob, pp. 212–215, 2020, doi: 10.1109/ICSESS49938.2020.9237695.

[28] J. Song and J. Kook, “Visual SLAM Based Spatial Recognition and Visualization Method for Mobile AR Systems,” *Appl. Syst. Innov.*, vol. 5, no. 1, pp. 1–9, 2022, doi: 10.3390/asi5010011.

[29] M. Clow, “Visual Studio Code,” *Angular 5 Proj.*, pp. 57–68, 2018, doi: 10.1007/978-1-4842-3279-8\_5.