

DAFTAR PUSTAKA

- [1] H. A. Kusuma and N. Oktaviani, "Penggunaan LIDAR (Light Detection and Ranging) Untuk Mengukur Kedalaman Perairan Dangkal," *Oseana*, vol. 44, no. 1, pp. 54-69, 2019.
- [2] M. R. Muhammad Fikri, "Sistem Penghindar Halangan Dengan Metode LIDAR Pada Unmanned Surface Vehicle," *Jurnal Teknik ITS*, vol. 8, no. 2, pp. 127-132, 2019.
- [3] M. M. Markom, A. H. Adom, E. Tan and S. A. A. Shukor, "Mobile Robotics Mapping using RP Lidar Scanner," in *2015 IEEE International Symposium on Robotics and Intelligent Sensors (IRIS)*, Perlis, 2015.
- [4] R. P. Santoso, W. Kurniawan and G. E. Setyawan, "Perancangan Sistem Pemetaan Ruangan Secara Dua Dimensi Menggunakan Sensor Ultrasonik," *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, vol. 1, no. 3, pp. 192-205, 2017.
- [5] E. Ackerman, "Lidar that will make self-driving cars affordable," *IEEE Spectrum*, vol. 53, no. 10, p. 14, 2016.
- [6] S. Komarizadehasi, B. Mobaraki, J. A. Lozano-Galant and J. Turmo, "Practical Application of Low-Cost Sensors for Static Tests," in *XV International Conference on Durability of Building Materials and Component*, Barcelona, 2020.
- [7] H. M. Y. N. W. Achmad Raihan Zain, "Rancang Bangun Pemindai 3 Dimensi Resolusi Tinggi pada Objek Menggunakan LIDAR," in *e-Proceeding of Engineering*, Bandung, 2021.
- [8] S. Wijanarko, C. B. Waluyo and B. Dermawan, "Rancang Bangun Alat Ukur Jarak dan Peringatan pada Visual Docking Guidance System menggunakan Sensor Lidar," *AVITEC*, vol. 1, no. 1, pp. 39-52, 2019.
- [9] H. Chi, H. Xia, J. Ma and S. Chen, "Automatic Following Robot Based on Optical Flow Sensor and Laser Sensor," in *Chinese Automation Congress (CAC)*, Wuhan, 2020.
- [10] D. Kim and S. Lee, "Advances in 3D Camera: Time-of-Flight vs. Active Triangulation," *Advances in Intelligent Systems and Computing*, vol. 193, no. 12, pp. 301-309, 2013.
- [11] S. Prayoga, A. Budianto and A. B. K. Atmaja, "Sistem Pemetaan Ruangan 2D

- Menggunakan Lidar," *Jurnal Integrasi*, vol. 9, no. 1, pp. 73-79, 2017.
- [12] ST Microelectronics, "VL53L1X," October 2021. [Online]. Available: <https://www.st.com/en/imaging-and-photonics-solutions/vl53l1x.html>. [Accessed November 2021 2021].
- [13] C. Callenberg, Z. Shi, F. Heide and M. B. Hullin, "Low-Cost SPAD Sensing for Non-Line-Of-Sight Tracking, Material Classification and Depth Imaging," *ACM Trans. Graph.*, vol. 40, no. 4, pp. 1-12, 2021.
- [14] Logitechshop, "Jual VL5311x Modul Board Extension Sensor Laser Jangkauan 400cm CJMCU-531," Tokopedia, 12 2021. [Online]. Available: <https://www.tokopedia.com/logitechshop17/vl5311x-modul-board-extension-sensor-laser-jangkauan-400cm-cjmcu-531?whid=0>. [Accessed 1 2022].
- [15] STMicroelectronics, "STM32F103," 21 Agustus 2015. [Online]. Available: <https://www.st.com/resource/en/datasheet/stm32f103c8.pdf>. [Diakses November 2021].
- [16] R. Condit and D. D. W. Jone, "Stepping Motors Fundamentals," 2004. [Online]. Available: <http://www.t-es-t.hu/download/microchip/an907a.pdf>. [Accessed 18 03 2022].
- [17] Schneider Electric Motion, "NEMA size 17 1.8°," 2018. [Online]. Available: http://www.autoflexible.com/file_upload/product/attach/NEMA%2017.pdf. [Accessed 18 03 2022].
- [18] STMicroelectronics, "LSM303DLH," 18 12 2009. [Online]. Available: <https://www.sparkfun.com/datasheets/Sensors/Magneto/LSM303%20Datasheet.pdf>. [Accessed 6 6 2022].
- [19] M. Hodon, O. Karpis, P. Sevcik and A. Kacianova, "Which Digital-Output MEMS Magnetometer Meets the Requirements of Modern Road Traffic Survey?," *MDPI : Sensors*, vol. 21, no. 1, p. 266, 2021.
- [20] C. Oertel, *What is Rust ?*, New York: Cornell Center for Material Research, 2005.
- [21] DFRobot, "Laser Radar Selection Guide," DFRobot, 13 3 2020. [Online]. Available: <https://www.dfrobot.com/blog-1480.html>. [Accessed 2 3 2023].