

Daftar Pustaka

- Aggarwal, S., & Kumar, N. (2020). Path planning techniques for unmanned aerial vehicles: A review, solutions, and challenges. *Computer Communications*, 149(October 2019), 270–299. <https://doi.org/10.1016/j.comcom.2019.10.014>
- Amin, R., Aijun, L., & Shamshirband, S. (2016). A review of quadrotor UAV: Control methodologies and performance evaluation. *International Journal of Automation and Control*, 10(2), 87–103. <https://doi.org/10.1504/IJAAC.2016.076453>
- Amirullah, R., Rusdina, A., & Darlis, D. (2021). *Implementasi Sistem Path Planning dan Routing untuk Mobile Robot Berbasis Visible Light Communication*. 8(5), 4283.
- Brooker, M. H., & Bates, J. B. (2011). g2o: A General Framework for Graph Optimization Rainer. *2011 IEEE International Conference on Robotics and Automation*. [https://doi.org/10.1016/0584-8539\(74\)80071-1](https://doi.org/10.1016/0584-8539(74)80071-1)
- Cavoukian, A. (2012). Privacy and Drones : Unmanned Aerial Vehicles. In *Privacy by Design, Canada* (Vol. 1, Issue 1).
- Chen, S., Yang, Z., Liu, Z., & Jin, H. (2018). An improved artificial potential field based path planning algorithm for unmanned aerial vehicle in dynamic environments. *2017 International Conference on Security, Pattern Analysis, and Cybernetics, SPAC 2017, 2018-Janua*(1), 591–596. <https://doi.org/10.1109/SPAC.2017.8304346>
- Chen, T. (2018). Unmanned Aerial Vehicle Route Planning Method Based on A Star Algorithm. *2018 13th IEEE Conference on Industrial Electronics and Applications (ICIEA)*, 1510–1514.
- Duchon, F., Babinec, A., Kajan, M., Beno, P., Florek, M., Fico, T., & Jurišica, L. (2014). Path planning with modified A star algorithm for a mobile robot. *Procedia Engineering*, 96, 59–69. <https://doi.org/10.1016/j.proeng.2014.12.098>
- Duchoň, F., Huňady, D., Dekan, M., & Babinec, A. (2013). Optimal navigation for mobile robot in known environment. *Applied Mechanics and Materials*, 282, 33–38. <https://doi.org/10.4028/www.scientific.net/AMM.282.33>
- Esfahlani, S. S. (2019). Mixed reality and remote sensing application of unmanned aerial vehicle in fire and smoke detection. *Journal of Industrial Information Integration*, 15(November 2018), 42–49. <https://doi.org/10.1016/j.jii.2019.04.006>
- Estefo, P., Simmonds, J., Robbes, R., & Fabry, J. (2019). The Robot Operating System: Package reuse and community dynamics. *Journal of Systems and Software*, 151, 226–242. <https://doi.org/10.1016/j.jss.2019.02.024>
- Fuentes-Pacheco, J., Ruiz-Ascencio, J., & Rendón-Mancha, J. M. (2015). Visual simultaneous localization and mapping: a survey. *Artificial Intelligence Review*, 43(1), 55–81. <https://doi.org/10.1007/s10462-012-9365-8>
- Harabor, D., & Grastien, A. (2011). Online graph pruning for pathfinding on grid maps. *Proceedings of the National Conference on Artificial Intelligence*, 2, 1114–1119.
- Harabor, D., & Grastien, A. (2012). The JPS pathfinding system. *Proceedings of the 5th Annual Symposium on Combinatorial Search, SoCS 2012*, 207–208.

- Hart, P. E., Nilsson, N. J., & Raphael, B. (1968). A Formal Basis for the Heuristic Determination of Minimum Cost Paths. *IEEE Transactions of Systems Science and Cybernetics*, 2, 100–107.
- Hasenbusch, M., Pelissetto, A., & Vicari, E. (2008). ORB: an efficient alternative to SIFT or SURF. *Journal of Statistical Mechanics: Theory and Experiment*, 2008(2), 2564–2571.
- Hassanalian, M., & Abdelkefi, A. (2017). Classifications, applications, and design challenges of drones: A review. *Progress in Aerospace Sciences*, 91(April), 99–131. <https://doi.org/10.1016/j.paerosci.2017.04.003>
- Hermanto, D., & Dermawan, S. (2018). Penerapan Algoritma A-Star Sebagai Pencari Rute Terpendek pada Robot Hexapod. *Jurnal Nasional Teknik Elektro*, 7(2), 122. <https://doi.org/10.25077/jnte.v7n2.545.2018>
- Indarti, D., Talita, A. S., Margonda, J., No, R., & Barat, J. (2020). Pencocokan Fitur Pada Citra Menggunakan Metode Oriented Fast And Rotated Brief(ORB). *Program Studi Teknik Informatika , Universitas Gunadarma. Depok*, 1–12.
- Jang, D. S., Chae, H. J., & Choi, H. L. (2017). Optimal control-based UAV path planning with dynamically-constrained TSP with neighborhoods. *International Conference on Control, Automation and Systems, 2017-October(Iccas)*, 373–378. <https://doi.org/10.23919/ICCAS.2017.8204468>
- Ma, C., Zhou, Y., & Li, Z. (2020). A New Simulation Environment Based on Airsim, ROS, and PX4 for Quadcopter Aircrafts. *2020 6th International Conference on Control, Automation and Robotics*, 5–9.
- Marchand, E., Uchiyama, H., & Spindler, F. (2016). Pose Estimation for Augmented Reality: A Hands-On Survey. *IEEE Transactions on Visualization and Computer Graphics*, 22(12), 2633–2651. <https://doi.org/10.1109/TVCG.2015.2513408>
- Mengying, Z., Hua, W., & Feng, C. (2018). Online path planning algorithms for unmanned air vehicle. *Proceedings of 2017 IEEE International Conference on Unmanned Systems, ICUS 2017, 2018-Janua*, 116–119. <https://doi.org/10.1109/ICUS.2017.8278326>
- Meshcheryakov, R. V., Trefilov, P. M., Chekhov, A. V., Diane, S. A. K., Rusakov, K. D., Lesiv, E. A., Kolodochka, M. A., Shchukin, K. O., Novoselskiy, A. K., & Goncharova, E. (2019). An application of swarm of quadcopters for searching operations. *IFAC-PapersOnLine*, 52(25), 14–18. <https://doi.org/10.1016/j.ifacol.2019.12.438>
- Min, J. G., Ruy, W. S., & Park, C. S. (2020). Faster pipe auto-routing using improved jump point search. *International Journal of Naval Architecture and Ocean Engineering*, 12, 596–604. <https://doi.org/10.1016/j.ijnaoe.2020.07.004>
- Moreno-Noguer, F., Lepetit, V., & Fua, P. (2007). EPnP: An Accurate O (n) solution to the PnP problem. *Ijcv*, 1–8. <http://cvlab.epfl.ch/software/EPnP/> http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4409116
- Quigley, M., Gerkey, B., Conley, K., Faust, J., Foote, T., Leibs, J., Berger, E., Wheeler, R.,

- & Ng, A. (2015). ROS: an open-source Robot Operating System Morgan. *IECON 2015 - 41st Annual Conference of the IEEE Industrial Electronics Society, Figure 1*, 4754–4759. <https://doi.org/10.1109/IECON.2015.7392843>
- Ranttila, P. (2019). *JPS Algorithm Adaptation and Optimization to Three-dimensional Space*.
- Song, X., & Hu, S. (2017). 2D path planning with dubins-path-based A- algorithm for a fixed-wing UAV. *2017 3rd IEEE International Conference on Control Science and Systems Engineering, ICCSSE 2017*, 69–73. <https://doi.org/10.1109/CCSSE.2017.8087897>
- Sumantara, I. G. L. T., Bayupati, I. P. A., & Wirdiani, N. K. A. (2017). Rancang Bangun Aplikasi Pengenalan Ukiran Bali dengan Metode ORB. *Jurnal Ilmiah Merpati (Menara Penelitian Akademika Teknologi Informasi)*, 5(1), 51. <https://doi.org/10.24843/jim.2017.v05.i01.p06>
- Sumikura, S., Shibuya, M., & Sakurada, K. (2019). OpenVSLAM: A versatile visual SLAM framework. *MM 2019 - Proceedings of the 27th ACM International Conference on Multimedia*, 2292–2295. <https://doi.org/10.1145/3343031.3350539>
- Sun, Y., Fang, M., & Su, Y. (2021). AGV Path Planning based on Improved A-star Algorithm. *Journal of Physics: Conference Series*, 1746(1), 1534–1538. <https://doi.org/10.1088/1742-6596/1746/1/012052>
- Zafar, M. A., Zheng, Z., & Wenkai, Y. (2021). Mobile Robots Path Planning based on A*Algorithm Improved with Jump Point Search. *Proceedings of 18th International Bhurban Conference on Applied Sciences and Technologies, IBCAST 2021*, 536–544. <https://doi.org/10.1109/IBCAST51254.2021.9393226>
- Zhang, B., & Zhu, D. (2021). A new method on motion planning for mobile robots using jump point search and Bezier curves. *International Journal of Advanced Robotic Systems*, 18(4), 1–11. <https://doi.org/10.1177/17298814211019220>
- Zhou, K., Yu, L., Long, Z., & Mo, S. (2017). Local path planning of driverless car navigation based on jump point search method under urban environment. *Future Internet*, 9(3). <https://doi.org/10.3390/fi9030051>