

DAFTAR PUSTAKA

- [1] T. Khuswendi, H. Hindersah, and W. Adiprawita, "UAV Path Planning Using Potential Field and Modified Receding Horizon A * 3D Algorithm," no. July, 2011.
- [2] H. Lee, S. Uav, and K. Aerospace, "IMPLEMENTATION OF COLLISION AVOIDANCE SYSTEM USING TCAS II TO UAVS Necessity of Collision Avoidance System On-Board Requirements Types of Collision Avoidance Sensors," pp. 1–9, 2005.
- [3] N. H. M. Li and H. H. T. Liu, "Formation UAV Flight Control using Virtual Structure and Motion Synchronization," pp. 1782–1787, 2008.
- [4] D. Luo, T. Zhou, and S. Wu, "Obstacle avoidance and formation regrouping strategy and control for UAV formation flight," *2013 10th IEEE Int. Conf. Control Autom.*, pp. 1921–1926, Jun. 2013.
- [5] B. F. Giulietti and M. Innocenti, "By Fabrizio Giulietti, Lorenzo Pollini, and Mario Innocenti," no. December, pp. 34–44, 2000.
- [6] Q. Fan, "A Multi-UAV Tight Formation Flight Controller," no. 2.
- [7] Y. Gu, B. Seanor, G. Campa, M. R. Napolitano, and L. Rowe, "Design and Flight Testing Evaluation of Formation Control Laws," vol. 14, no. 6, pp. 1105–1112, 2006.
- [8] W. Ren and R. W. Beard, "Formation feedback control for multiple spacecraft via virtual structures."
- [9] P. Massioni, F. Ankersen, and M. Verhaegen, "A Matching Pursuit Algorithm Approach to Chaser-Target Formation Flying Problems," *IEEE Trans. Control Syst. Technol.*, vol. 20, no. 2, pp. 513–519, Mar. 2012.
- [10] W. Ding, G. Yan, Z. Lin, and Y. Lan, "Leader-following formation control based on pursuit strategies," *2009 IEEE/RSJ Int. Conf. Intell. Robot. Syst.*, pp. 4825–4830, Oct. 2009.
- [11] T. Yamasaki and S. N. Balakrishnan, "Sliding mode based pure pursuit guidance for UAV rendezvous and chase with a cooperative aircraft," *Proc. 2010 Am. Control Conf.*, pp. 5544–5549, Jun. 2010.

- [12] J. Huang, C. Berger, S. Zhou, and J. Huang, "Comparison of Basis Pursuit Algorithms for Sparse Channel Estimation in Underwater Acoustic OFDM," vol. 0805, 2010.
- [13] E. Frew and R. Sengupta, "Obstacle Avoidance with Sensor Uncertainty for Small Unmanned Aircraft," pp. 614–619, 2004.
- [14] Y. K. Kwag, M. S. Choi, and C. H. Jung, "Collision Avoidance Radar for UAV," pp. 0–3, 2006.
- [15] L. I. Jian and L. I. Xiao-min, "Vision-based Navigation and Obstacle Detection for UAV," pp. 1771–1774, 2011.
- [16] D. Luo, F. Wang, B. Wang, and B. M. Chen, "Implementation of Obstacle Avoidance Technique for Indoor Coaxial Rotorcraft with Scanning Laser Range Finder," pp. 4–9, 2012.
- [17] S. M. Lavalle, "PLANNING ALGORITHMS," 2006.
- [18] J. Borenstein, H. R. Everett, L. Feng, and D. Wehe, "Mobile Robot Positioning : Sensors and Techniques," vol. 14, no. April 1996, pp. 231–249, 1997.
- [19] E. Bonabeau, M. Dorigo, and G. Theraulaz, "Swarm Intelligence: From natural to Artificial Systems," *IEEE Trans. Evol. Comput.*, vol. 4, no. 2, pp. 192–193, 2000.
- [20] S. C. Banik, C. D. Pathirana, K. Watanabe, and K. Izumi, "Behavior Generation Through Interaction in an Emotionally Intelligent Robot System," no. August, pp. 8–11, 2007.
- [21] X. Liu, "A Comparative Study of A-star Algorithms for Search and rescue in Perfect Maze," 2011.
- [22] H. Wang, J. Zhou, G. Zheng, and Y. Liang, "HAS: Hierarchical A-Star Algorithm for Big Map Navigation in Special Areas," *2014 5th Int. Conf. Digit. Home*, pp. 222–225, Nov. 2014.
- [23] S. M. Lavalle, "Simplicial Dijkstra and A * Algorithms : From Graphs to Continuous Spaces," pp. 1–19.
- [24] M. Parulekar, V. Padte, T. Shah, K. Shroff, and R. Shetty, "Automatic Vehicle Navigation using Dijkstra ' s Algorithm," 2013.

- [25] D. A. Mercado, R. Castro, and R. Lozano, “Quadrotors Flight Formation Control Using a Leader-Follower Approach *,” no. 5, pp. 3858–3863, 2013.
- [26] A. Aghaeyan and H. A. Talebi, “UAV Guidance For Tracking Control Of Mobile Robots In Presence Of Obstacles 2,” pp. 135–140, 2013.
- [27] B. Y. B. E. N. Grocholsky, J. Keller, V. Kumar, and G. Pappas, “A Scalable Approach to the Detection and Localization,” no. September, pp. 16–26, 2006.
- [28] H. G. Tanner and D. K. Christodoulakis, “Decentralized Cooperative Control of Heterogeneous Vehicle Groups,” no. March 2007, pp. 1–31.
- [29] N. Michael, J. Fink, and V. Kumar, “Controlling a Team of Ground Robots via an Aerial Robot,” pp. 965–970, 2007.
- [30] H. R. Riverfront, S. Louis, P. B. Sujit, and R. Beard, “Multiple UAV Path Planning using Anytime Algorithms,” pp. 2978–2983, 2009.
- [31] J. J. Ruz, O. Arévalo, G. Pajares, and J. M. De Cruz, “UAV Trajectory Planning for Static and Dynamic Environments,” 2004.
- [32] T. Dan and L. Pertanian, “TEKNOLOGI PESAWAT TANPA AWAK UNTUK PEMETAAN DAN PEMANTAUAN,” vol. 20, no. 2, pp. 58–64, 2011.
- [33] G. S. Prabowo, *Pesawat terbang*. .
- [34] T. Sudjatmiko, “ANALISA KEBIJAKAN PENGEMBANGAN PESAWAT NIR-AWAK ‘UNMANNED AERIAL VEHICLE/DRONE’ SEBAGAI ALAT KEPENTINGAN NEGARA DI DUNIA INTERNASIONAL DALAM PERSPEKTIF HUBUNGAN INTERNASIONAL,” pp. 98–114.
- [35] J. R. T. Lawton, R. W. Beard, S. Member, and B. J. Young, “A Decentralized Approach to Formation Maneuvers,” vol. 19, no. 6, pp. 933–941, 2003.
- [36] B. J. Young, R. W. Beard, and J. M. Kelsey, “A Control Scheme For Improving Multi-Vehicle Formation Maneuvers,” pp. 704–709, 2001.
- [37] P. Tabuada, G. J. Pappas, and P. Lima, “Feasible formations of multi-agent systems,” *Proc. 2001 Am. Control Conf. (Cat. No.01CH37148)*, vol. 1, pp. 56–61, 2001.

- [38] C. C. Corporation, "Guidance , Navigation and Control of High-Altitude Airships," 1992.
- [39] N. F. Palumbo, "Guest Editor ' s Introduction : Homing Missile Guidance and Control," vol. 29, no. 1, pp. 2–8, 2010.
- [40] A. Gautam, P. B. Sujit, and S. Saripalli, "Application of guidance laws to quadrotor landing," *2015 Int. Conf. Unmanned Aircr. Syst.*, pp. 372–379, Jun. 2015.
- [41] C. O. F. M. Guid- and A. Laws, "Chapter 6," pp. 100–109.
- [42] M. . Vinoth, P. S. R. P. Saradhi, and P. S. R. Aditya, "Intelligent guided missile," *2009 Int. Conf. Intell. Agent Multi-Agent Syst.*, pp. 1–4, Jul. 2009.
- [43] L. Tang, S. Dian, G. Gu, K. Zhou, S. Wang, and X. Feng, "A Novel Potential Field Method for Obstacle Avoidance and Path Planning of Mobile Robot -," pp. 633–637.
- [44] T. Hellström, "Robot Navigation with Potential Fields," 2011.
- [45] O. Khatib, "REAL-TIME OBSTACLE AVOIDANCE FOR MANIPULATORS AND MQUIEE ROBOTS," pp. 500–505, 1985.
- [46] M. A. Goodrich, "Potential Fields Tutorial," pp. 1–9.
- [47] a. Betser, P. a. Vela, G. Pryor, and a. Tannenbaum, "Flying in formation using a pursuit guidance algorithm," *Proc. 2005, Am. Control Conf. 2005.*, pp. 5085–5090, 2005.
- [48] N. . Shneydor, *Missile Guidance And Pursuit: kinematics, Dynamics and Control*. Haifa,Israel: Horwood Publishing Limited, 1998, p. 286.
- [49] A. Ataka, A. Rizqi, A. I. Cahyadi, and T. B. Adji, "Path Planning and Formation Control via Potential Function for UAV Quadrotor," no. Aris, pp. 165–170, 2014.