DAFTAR PUSTAKA

[1] X. Yun and K.-C. Tan, "A wall-following method for escaping local minima in potential field based motion planning," *1997 8th International Conference on Advanced Robotics. Proceedings. ICAR'97*, pp. 421–426, 1997. [Online]. Available: http://ieeexplore.ieee.org/xpls/abs{_}all.jsp?arnumber=620216{%}5Cnhttp://ieeexplore.ieee.org/document/620216/

[2] Y. Zhu, T. Zhang, and J. Song, "An improved wall following method for escaping from local minimum in artificial potential field based path planning," in *Proceedings of the 48h IEEE Conference on Decision and Control (CDC) held jointly with 2009 28th Chinese Control Conference*. IEEE, dec 2009.

[3] N. S. F. Doria, E. O. Freire, and J. C. Basilio, "An algorithm inspired by the deterministic annealing approach to avoid local minima in artificial potential fields," *2013 16th International Conference on Advanced Robotics, ICAR 2013*, no. 2, pp. 0–5, 2013.

[4] D. Hsu, R. Kindel, J.-C. Latombe, and S. Rock, "Randomized Kinodynamic Motion Planning with Moving Obstacles," *The International Journal of Robotics Research*, vol. 21, no. 3, pp. 233–255, 2002. [Online]. Available: http://journals.sagepub.com/doi/10.1177/027836402320556421

[5] A. K. Guruji, H. Agarwal, and D. Parsediya, "Time-efficient A* Algorithm for Robot Path Planning," *Procedia Technology*, vol. 23, pp. 144–149, 2016. [Online]. Available: http://linkinghub.elsevier.com/retrieve/pii/S2212017316300111

[6] S. A. Fadzli, S. I. Abdulkadir, M. Makhtar, and A. A. Jamal, "Robotic indoor path planning using dijkstra's algorithm with multi-layer dictionaries," *2015 IEEE 2nd International Conference on InformationScience and Security, ICISS 2015*, pp. 1–4, 2016.

[7] S. Garrido and L. Moreno, "Path planning for mobile robot navigation using voronoi diagram and fast marching," *Intelligent Robots and . . .*, vol. 2, no. 2, pp. 42–64, 2006. [Online]. Available: http://ieeexplore.ieee.org/xpls/abs{_}all.jsp?arnumber=4058742

[8] S. Karaman and E. Frazzoli, "Sampling-based algorithms for optimal motion planning," *International Journal of Robotics Research*, vol. 30, no. 7, pp. 846–894, 2011. [Online]. Available: http://arxiv.org/abs/1105.1186

[9] A. Budiyanto, A. Cahyadi, T. B. Adji, O. Wahyunggoro, and J. Grafika, "UAV Obstacle Avoidance Using Potential Field under Dynamic Environment," in *International Conference on Control, Electronics, Renewable Energy and Communications (ICCEREC)*. IEEE, 2015, pp. 187–192.

[10] F. Yan, Y. Zhuang, and J. Xiao, "3D PRM based real-time path planning for UAV in complex environment," *2012 IEEE International Conference on Robotics and Biomimetics, ROBIO 2012 - Conference Digest*, pp. 1135–1140, 2012.

[11] Y. Koren and J. Borenstein, "Potential field methods and their inherent limitations for mobile robot navigation," *Proceedings. 1991 IEEE International Conference on Robotics and Automation*, pp. 1398–1404, 1991. [Online]. Available: http://ieeexplore.ieee.org/lpdocs/epic03/wrapper.htm?arnumber=131810

[12] S. S. Ge and Y. J. Cui, "New potential functions for mobile robot path planning," *IEEE Transactions on Robotics and Automation*, vol. 16, no. 5, pp. 615–620, 2000.

[13] Y. Zhang, Z. Liu, and L. Chang, "A new adaptive artificial potential field and rolling window method for mobile robot path planning," *Proceedings of the 29th Chinese Control and Decision Conference, CCDC 2017*, pp. 7144–7148, 2017.

[14] F. Bounini, D. Gingras, H. Pollart, and D. Gruyer, "Modified Artificial Potential Field Method for Online Path Planning Applications," in *2017 IEEE Intelligent Vehicles Symposium (IV)*, no. Iv, 2017.

[15] C. I. Connolly and R. A. Grupen, "The applications of harmonic functions to robotics," *Journal of Robotic Systems*, 1993.

[16] Y.-P. Zhang, Q.-G. Ji, K.-H. Li, and M.-M. Zhang, "Resolving local minima problem of potential field," *International Conference on Virtual Reality Continuum and its Applications in Industry (VRCAI)*, pp. 339–346, 2010. [Online]. Available: http://portal.acm.org/citation.cfm?doid=1900179.1900250

[17] O. Khatib, "Real-Time Obstacle Avoidance for Manipulators and Mobile Robots," pp. 90–98, 1986. [Online]. Available: http://journals.sagepub.com/doi/10.1177/027836498600500106

[18] X. Yang, W. Yang, H. Zhang, and H. Chang, "A New Method for Robot Path Planning Based Artificial Potential Field," *2016 IEEE 11th Conference on Industrial Electronics and Applications*, no. 2015, pp. 1294–1299, 2016.

[19] D. Lee and Y. H. Kim, "An Improved Artificial Potential Field Method with a New Point of Attractive Force for a Mobile Robot," in *2017 2nd International Conference on Robotics and Automation Engineering*, 2017, pp. 1–5.

[20] G. Li, S. Tong, F. Cong, A. Yamashita, and H. Asama, "Improved artificial potential field-based simultaneous forward search method for robot path planning in complex environment," *2015 IEEE/SICE International Symposium on System Integration, SII 2015*, pp. 760–765, 2016.

[21] G. Li, A. Yamashita, H. Asama, and Y. Tamura, "An efficient improved artificial potential field based regression search method for robot path planning," *2012 IEEE International Conference on Mechatronics and Automation, ICMA 2012*, pp. 1227–1232, 2012.

[22] M. Park, J. hyun Jeon, and M. cheol Lee, "Obstacle Avoidance for Mobile Robots Using Artificial Potential Field Approach with Simulated Annealing," *IEEE International Symposium on Industrial Electronics*, pp. 1530–1535, 2001.

[23] Y. Liu and Y. Zhao, "A virtual-waypoint based artificial potential field method for UAV path planning," in *IEEE Chinese Guidance, Navigation and Control Conference (CGNCC)*. IEEE, 2016, pp. 949–953. [Online]. Available: http://ieeexplore.ieee.org/document/7828913/

[24] J. Guo, Y. Gao, and G. Cui, "Path planning of mobile robot based on improved potential field," vol. 12, no. 11, pp. 2188–2194, 2013.

[25] M. J. Hong and M. R. Arshad, "A Balance-Artificial Potential Field Method for Autonomous Surface Vessel Navigation in Unstructured Riverine Environment," *Procedia Computer Science*, vol. 76, no. Iris, pp. 198–202, 2015.