



DAFTAR PUSTAKA

- Abbasi, M., Rafiee, M., Khosravi, M. R., Jolfaei, A., Menon, V. G., & Koushyar, J. M. (2020). An efficient parallel genetic algorithm solution for vehicle routing problem in cloud implementation of the intelligent transportation systems. *Journal of Cloud Computing*, 9(1). <https://doi.org/10.1186/s13677-020-0157-4>
- Cheng, J. R., & Gen, M. (2019). Accelerating genetic algorithms with GPU computing: A selective overview. *Computers and Industrial Engineering*, 128, 514–525. <https://doi.org/10.1016/j.cie.2018.12.067>
- Farsi, M., Hosahalli, D., Manjunatha, B. R., Gad, I., Atlam, E. S., Ahmed, A., Elmarhomy, G., Elmarhoumy, M., & Ghoneim, O. A. (2021). Parallel genetic algorithms for optimizing the SARIMA model for better forecasting of the NCDC weather data. *Alexandria Engineering Journal*, 60(1), 1299–1316. <https://doi.org/10.1016/j.aej.2020.10.052>
- Gasparetto, A., Boscariol, P., Lanzutti, A., & Vidoni, R. (2015). Path planning and trajectory planning algorithms: A general overview. In *Mechanisms and Machine Science* (Vol. 29, pp. 3–27). Kluwer Academic Publishers. https://doi.org/10.1007/978-3-319-14705-5_1
- Guo, H., Mao, Z., Ding, W., & Liu, P. (2019). Optimal search path planning for unmanned surface vehicle based on an improved genetic algorithm. *Computers and Electrical Engineering*, 79. <https://doi.org/10.1016/j.compeleceng.2019.106467>
- Harada, T., & Alba, E. (2020). Parallel Genetic Algorithms: A Useful Survey. *ACM Computing Survey*, 86:1-86:39. <https://doi.org/10.1145/3400031>
- Jamshidi, V., Nekoukar, V., & Refan, M. H. (2020). Analysis of Parallel Genetic Algorithm and Parallel Particle Swarm Optimization Algorithm UAV Path Planning on Controller Area Network. *Journal of Control, Automation and Electrical Systems*, 31(1), 129–140. <https://doi.org/10.1007/s40313-019-00549-9>



- Katoch, S., Chauhan, S. S., & Kumar, V. (2021). A review on genetic algorithm: past, present, and future. *Multimedia Tools and Applications*, 80(5), 8091–8126. <https://doi.org/10.1007/s11042-020-10139-6>
- Kramer, O. (2017). *Genetic Algorithm Essentials* (Vol. 679). Springer International Publishing. <https://doi.org/10.1007/978-3-319-52156-5>
- Lamini, C., Benhlima, S., & Elbekri, A. (2018). Genetic algorithm based approach for autonomous mobile robot path planning. *Procedia Computer Science*, 127, 180–189. <https://doi.org/10.1016/j.procs.2018.01.113>
- Le, A. V., Nhan, N. H. K., & Mohan, R. E. (2020). Evolutionary algorithm-based complete coverage path planning for tetriamond tiling robots. *Sensors (Switzerland)*, 20(2). <https://doi.org/10.3390/s20020445>
- Li, K., Hu, Q., & Liu, J. (2021). Path Planning of Mobile Robot Based on Improved Multiobjective Genetic Algorithm. *Wireless Communications and Mobile Computing*, 2021. <https://doi.org/10.1155/2021/8836615>
- Li, Q., Zhang, W., Yin, Y., & Wang Guangjun Liu, Z. (2006). An Improved Genetic Algorithm of Optimum Path Planning for Mobile Robots*. *The Sixth International Conference on Intelligent Systems Design and Applications*.
- Li, Y., Huang, Z., & Xie, Y. (2020). Path planning of mobile robot based on improved genetic algorithm. *Proceedings - 2020 3rd International Conference on Electron Device and Mechanical Engineering, ICEDME 2020*, 691–695. <https://doi.org/10.1109/ICEDME50972.2020.00163>
- Luo, J., Fujimura, S., El Baz, D., & Plazolles, B. (2019). GPU based parallel genetic algorithm for solving an energy efficient dynamic flexible flow shop scheduling problem. *Journal of Parallel and Distributed Computing*, 133, 244–257. <https://doi.org/10.1016/j.jpdc.2018.07.022>
- Mathew, T. V. (2012). *Genetic Algorithm*.
- Nadhir, M., Wahab, A., Nefti-Meziani, S., & Atyabi, A. (2020). *A Comparative Review on Mobile Robot Path Planning: Classical or Meta-heuristic Methods?*
- Nazarahari, M., Khanmirza, E., & Doostie, S. (2019). Multi-objective multi-robot path planning in continuous environment using an enhanced genetic



algorithm. *Expert Systems with Applications*, 115, 106–120.

<https://doi.org/10.1016/j.eswa.2018.08.008>

Rathomi, M. R., & Pulungan, R. (2018). A coarse-grained parallelization of genetic algorithms. *International Journal of Advances in Intelligent Informatics*, 4(1), 1–10. <https://doi.org/10.26555/ijain.v4i1.137>

Sánchez-Ibáñez, J. R., Pérez-Del-pulgar, C. J., & García-Cerezo, A. (2021). Path planning for autonomous mobile robots: A review. In *Sensors* (Vol. 21, Issue 23). MDPI. <https://doi.org/10.3390/s21237898>

Shivgan, R., & Dong, Z. (2020). Energy-Efficient Drone Coverage Path Planning using Genetic Algorithm. *Institute of Electrical and Electronics Engineers*.

Xin, J., Zhong, J., Yang, F., Cui, Y., & Sheng, J. (2019). An improved genetic algorithm for path-planning of unmanned surface vehicle. *Sensors (Switzerland)*, 19(11). <https://doi.org/10.3390/s19112640>

Xue, Y., & Sun, J. Q. (2018). Solving the path planning problem in mobile robotics with the multi-objective evolutionary algorithm. *Applied Sciences (Switzerland)*, 8(9). <https://doi.org/10.3390/app8091425>