

## Daftar Pustaka

- [1] A. A. Wardani and Z. Iklima, "Rancang Bangun Automated Guided Vehicle Menggunakan Metode PID Zeigler Nichols," *JTE*, vol. 13, no. 1, p. 6, Feb. 2022, doi: 10.22441/jte.2022.v13i1.002.
- [2] M. Aria, "Algoritma Perencanaan Jalur Kendaraan Otonom berbasis Hibridisasi Algoritma BFS dan Path Smoothing," *Jurnal Ilmiah Telekomunikasi, Kendali dan Elektronika Terapan*, vol. 8, no. 1, pp. 13–22, Jun. 2020, doi: 10.34010/telekontran.v8i1.3083.
- [3] C. G. Co and J. M. A. Tanchoco, "A review of research on AGVS vehicle management," *Engineering Costs and Production Economics*, vol. 21, no. 1, pp. 35–42, Feb. 1991, doi: 10.1016/0167-188X(91)90016-U.
- [4] H. Wicaksono and I. Nilkhamhang, "Glocal controller-based formation control strategy for flexible material handling," *2017 56th Annual Conference of the Society of Instrument and Control Engineers of Japan (SICE)*, pp. 787–792, Sep. 2017, doi: 10.23919/SICE.2017.8105685.
- [5] C. W. KIM and J. M. A. TANCHOCO, "Conflict-free shortest-time bidirectional AGV routeing," *International Journal of Production Research*, vol. 29, no. 12, pp. 2377–2391, Dec. 1991, doi: 10.1080/00207549108948090.
- [6] Paul H. Wright and Norman Ashford, "Transportation Engineering: Planning and Design," *New York : John Wiley & Sons. ; 1989*.
- [7] W. Wang, Z. Wu, H. Luo, and B. Zhang, "Path Planning Method of Mobile Robot Using Improved Deep Reinforcement Learning," *Journal of Electrical and Computer Engineering*, vol. 2022, p. 5433988, Apr. 2022, doi: 10.1155/2022/5433988.
- [8] C. Liu, J. Tan, H. Zhao, Y. Li, and X. Bai, "Path planning and intelligent scheduling of multi-AGV systems in workshop," in *2017 36th Chinese Control Conference (CCC)*, Dalian, China: IEEE, Jul. 2017, pp. 2735–2739. doi: 10.23919/ChiCC.2017.8027778.
- [9] Le-Anh and M.B.M. De Koster, "A Review Of Design And Control Of Automated Guided Vehicle Systems," p. 34, May 2004.
- [10] N. N. Krishnamurthy, R. Batta, and M. H. Karwan, "Developing Conflict-Free Routes for Automated Guided Vehicles," *Oper. Res.*, vol. 41, no. 6, pp. 1077–1090, Dec. 1993.
- [11] C. Oboth, R. Batta, and M. Karwan, "Dynamic conflict-free routing of automated guided vehicles," *International Journal of Production Research*, vol. 37, no. 9, pp. 2003–2030, Jun. 1999, doi: 10.1080/002075499190888.
- [12] A. Langevin, D. Lauzon, and D. Riopel, "Dispatching, routing, and scheduling of two automated guided vehicles in a flexible manufacturing system," *Int J Flex Manuf Syst*, vol. 8, no. 3, pp. 247–262, Jul. 1996, doi: 10.1007/BF00403127.
- [13] G. Desaulniers, A. Langevin, D. Riopel, and B. Villeneuve, "Dispatching and Conflict-Free Routing of Automated Guided Vehicles: An Exact Approach," *International Journal of Flexible Manufacturing Systems*, vol. 15, no. 4, pp. 309–331, Oct. 2003, doi: 10.1023/B:FLEX.0000036032.41757.3d.

- [14] S. Riazi and B. Lennartson, “Using CP/SMT Solvers for Scheduling and Routing of AGVs,” *IEEE Transactions on Automation Science and Engineering*, vol. 18, no. 1, pp. 218–229, Jan. 2021, doi: 10.1109/TASE.2020.3012879.
- [15] L. C. Coelho, A. De Maio, and D. Laganà, “A variable MIP neighborhood descent for the multi-attribute inventory routing problem,” *Transportation Research Part E: Logistics and Transportation Review*, vol. 144, p. 102137, Dec. 2020, doi: 10.1016/j.tre.2020.102137.
- [16] I. F. A. Vis, “Survey of research in the design and control of automated guided vehicle systems,” *European Journal of Operational Research*, vol. 170, no. 3, pp. 677–709, May 2006, doi: 10.1016/j.ejor.2004.09.020.
- [17] D. Bechtsis, N. Tsolakis, D. Vlachos, and E. Iakovou, “Sustainable supply chain management in the digitalisation era: The impact of Automated Guided Vehicles,” *Journal of Cleaner Production*, vol. 142, pp. 3970–3984, Jan. 2017, doi: 10.1016/j.jclepro.2016.10.057.
- [18] R. Wen and M. Tong, “Mecanum wheels with Astar algorithm and fuzzy PID algorithm based on genetic algorithm,” in *2017 International Conference on Robotics and Automation Sciences (ICRAS)*, Aug. 2017, pp. 114–118. doi: 10.1109/ICRAS.2017.8071927.
- [19] M. Y. B. Ulum, “OPTIMASI VEHICLE ROUTING PROBLEM DENGAN PACKING CONSTRAINTS MENGGUNAKAN METODE ALGORITMA GENETIKA”.
- [20] R. Rabbat and K.-Y. Siu, “Restoration methods for traffic engineered networks with loop-free routing guarantees,” in *ICC 2001. IEEE International Conference on Communications. Conference Record (Cat. No.01CH37240)*, Jun. 2001, pp. 1566–1570 vol.5. doi: 10.1109/ICC.2001.937183.
- [21] T. Jiang, “Search Based Slicing for Program Dependency Structures of Interest”.
- [22] Y. Peng, D. Lu, and Y. Chen, “A Constraint Programming Method for Advanced Planning and Scheduling System with Multilevel Structured Products,” *Discrete Dynamics in Nature and Society*, vol. 2014, pp. 1–7, 2014, doi: 10.1155/2014/917685.
- [23] E. S. Thorsteinsson, “Branch-and-Check: A Hybrid Framework Integrating Mixed Integer Programming and Constraint Logic Programming,” in *Principles and Practice of Constraint Programming — CP 2001*, vol. 2239, T. Walsh, Ed., in Lecture Notes in Computer Science, vol. 2239. , Berlin, Heidelberg: Springer Berlin Heidelberg, 2001, pp. 16–30. doi: 10.1007/3-540-45578-7\_2.
- [24] J. N. Hooker and G. Ottosson, “Logic-based Benders decomposition,” *Math. Program., Ser. A*, vol. 96, no. 1, pp. 33–60, Apr. 2003, doi: 10.1007/s10107-003-0375-9.
- [25] A. Eremin and M. Wallace, “Hybrid Benders Decomposition Algorithms in Constraint Logic Programming,” in *Principles and Practice of Constraint Programming — CP 2001*, vol. 2239, T. Walsh, Ed., in Lecture Notes in Computer Science, vol. 2239. , Berlin, Heidelberg: Springer Berlin Heidelberg, 2001, pp. 1–15. doi: 10.1007/3-540-45578-7\_1.

- [26] V. Jain and I. E. Grossmann, “Algorithms for Hybrid MILP/CP Models for a Class of Optimization Problems,” *INFORMS Journal on Computing*, vol. 13, no. 4, p. 258, 2001.
- [27] C. T. Maravelias and I. E. Grossmann, “Using MILP and CP for the Scheduling of Batch Chemical Processes,” J.-C. Régin and M. Rueher, Eds., in *Lecture Notes in Computer Science*, vol. 3011. Berlin, Heidelberg: Springer Berlin Heidelberg, 2004, pp. 1–20. doi: 10.1007/978-3-540-24664-0\_1.
- [28] J. N. Hooker, “A Hybrid Method for Planning and Scheduling,” in *Principles and Practice of Constraint Programming – CP 2004*, vol. 3258, M. Wallace, Ed., in *Lecture Notes in Computer Science*, vol. 3258. , Berlin, Heidelberg: Springer Berlin Heidelberg, 2004, pp. 305–316. doi: 10.1007/978-3-540-30201-8\_24.