

## REFERENCES

- Adebayo, K. J., Aderibigbe, F. M., & Dele-Rotimi, A. O. (2019). On Vehicle Routing Problems (VRP) with a Focus on Multiple Priorities. *American Journal of Computational Mathematics*, 9, 348–357. <https://doi.org/10.4236/ajcm.2019.94025>
- Agrawal, A. K., Yadav, S., Gupta, A. A., & Pandey, S. (2022). A genetic algorithm model for optimizing vehicle routing problems with perishable products under time-window and quality requirements. *Decision Analytics Journal*, 5(September). <https://doi.org/10.1016/j.dajour.2022.100139>
- Baihaqi, M. M., & Hermansyah, M. (2023). Optimalisasi Vehicle Routing Problem Pada Ud. Kopwan Yasmin Nongkojajar. *Journal of Scientech Research and Development*, 5(2), 62–71. <https://doi.org/10.56670/jsrd.v5i2.159>
- Baranwal, M., Parekh, P. M., Marla, L., Salapaka, S. M., & Beck, C. L. (2016). Vehicle Routing Problem with Time Windows: A Deterministic Annealing approach. *Proceedings of the American Control Conference, 2016-July*, 790–795. <https://doi.org/10.1109/ACC.2016.7525010>
- Chopra, S., & Meindl, P. (2007). Supply Chain Management. Strategy, Planning & Operation. In *Das Summa Summarum des Management*. [https://doi.org/10.1007/978-3-8349-9320-5\\_22](https://doi.org/10.1007/978-3-8349-9320-5_22)
- Chopra, S., & Meindl, P. (2016). Supply Chain Management: Global Edition. In *Supply Chain Management: Global Edition*.
- Christopher, M. (2011). *Logistics & Supply Chain Management*. Financial Times Prentice Hall. <https://books.google.co.id/books?id=2dsYQwAACAAJ>
- Dinata, Y., & Kempa, S. (2017). Supply Chain Drivers Pada Pt Magna Djatim Mandiri. *Agora*, 5(1).
- Dumitrascu, O., Dumitrascu, M., & Dobrotă, D. (2020). Performance Evaluation for a Sustainable Supply Chain Management System in the Automotive Industry Using Artificial Intelligence. *Processes*, 8(11). <https://doi.org/10.3390/pr8111384>
- E.Gangadevi. (2018). Study of various selection operators in Genetic Algorithm. *International Journal of Advance Research in Science and Engineering*, 7(4), 571–577. [http://www.ijarse.com/images/fullpdf/1525500131\\_IE1061ijarse.pdf](http://www.ijarse.com/images/fullpdf/1525500131_IE1061ijarse.pdf)
- Efendi, S., & Mawengkeng, H. (n.d.). *International Journal on Recent and Innovation Trends in Computing and Communication Modeling Heterogeneous Vehicle Routing Problem with Strict Time Schedule*. 16–19. <http://www.ijritcc.org>
- Elatar, S., Abouelmehdi, K., & Riffi, M. E. (2023). The vehicle routing problem in the last decade: Variants, taxonomy and metaheuristics. *Procedia Computer Science*, 220, 398–404. <https://doi.org/10.1016/j.procs.2023.03.051>
- Emeç, Ş., Yilmaz, M., Çomaklı Sökmen, Ö., & Akkaya, G. (2019). An Overview of Chinese Postman Problem. *September*. <https://www.researchgate.net/publication/337026526>
- Fawcett, S. E., Ellram, L. M., & Ogden, J. A. (2007). *Supply Chain Management: From Vision to Implementation*. Pearson Prentice Hall.

- <https://books.google.co.id/books?id=52LuAAAAMAAJ>
- Fuadi, A. S., & Pujotomo, D. (2018). Penyelesaian Vehicle Routing Problem Menggunakan Metode Clarke and Wright Saving Heuristic (Studi Kasus : PT. Coca Cola Amatil Indonesia-Wilayah Banyuwangi). *Angewandte Chemie International Edition*, 6, 951–952.
- Gen, M. & Cheng, R. (1997). *Genetic Algorithms and Engineering Design*. New York: John Wiley & Sons, Inc.
- Haksever, C., & Render, B. (2017). *Service And Operations Management*. World Scientific Publishing Company.  
<https://books.google.co.id/books?id=2bZQDwAAQBAJ>
- Hadihardaja, Joetata., et.al (1997). *Sistem Transportasi*. Jakarta: Universitas Gunadarma
- Hassanat, A., Almohammadi, K., Alkafaween, E., Abunawas, E., Hammouri, A., & Prasath, V. B. S. (2019). Choosing mutation and crossover ratios for genetic algorithms-a review with a new dynamic approach. *Information (Switzerland)*, 10(12). <https://doi.org/10.3390/info10120390>
- Hutasoit, N. P., Nurfaizah, B. C., & Gunardi, G. (2022). Pengaruh Biaya Operasional terhadap Pendapatan pada Perum Damri Cabang Bandung. *Ekonomis: Journal of Economics and Business*, 6(1), 92. <https://doi.org/10.33087/ekonomis.v6i1.495>
- Jayarathna, D. G. N. D., Lanel, G. H. J., & Juman, Z. A. M. S. (2022). Industrial vehicle routing problem: a case study. *Journal of Shipping and Trade*, 7(1). <https://doi.org/10.1186/s41072-022-00108-7>
- Kockelman, D. K., Chen, D., Larsen, D. K., & Nichols, B. (2013). the Economics of Transportation Systems: a Reference for Practitioners. In *TxDOT Project 0-6628: Economic Considerations in Transportation System Development & Operations*. <https://library.ctr.utexas.edu/Presto/content/Detail.aspx?ctID=M2UxNzg5YmEtYzMyZS00ZjBILWlYODctYzljMzQ3ZmVmOWFl&rID=MjEw&sID=MQ==&qrs=VHJ1ZQ==&q=KHJwLlJlc2VhcmNoZXJzPSgiS29ja2VsbWFlLCBLYXJhIikp&qcf=M2UxNzg5YmEtYzMyZS00ZjBILWlYODctYzljMzQ3ZmVmOWFl>
- Kotler, P. . & A. G. (2011). *Principles of Marketing (14th Edition)*. WorldWide Web Internet And Web Information Systems.
- Lambert-Torres, G., Martins, H. G., Pereira Coutinho, M., da Silva, L. E., Matsunaga, F. M., Carminati, R. A., & Neto, J. (2009). *Genetic Algorithm to System Restoration*. <https://doi.org/10.13140/RG.2.1.4926.2482>
- Larson, P. D., & Halldorsson, A. (2004). Logistics versus supply chain management: An international survey. *International Journal of Logistics Research and Applications*, 7(1), 17–31. <https://doi.org/10.1080/13675560310001619240>
- Lin, C., Choy, K. L., Ho, G. T. S., Chung, S. H., & Lam, H. Y. (2014). Survey of Green Vehicle Routing Problem: Past and future trends. *Expert Systems with Applications*, 41(4 PART 1), 1118–1138. <https://doi.org/10.1016/j.eswa.2013.07.107>
- Liu, X., Qi, H., & Chen, Y. (2006). Optimization of special vehicle routing problem based on ant colony system. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 4114 LNAI, 1228–1233. <https://doi.org/10.1007/978-3-540->

- M. Gopal. (2019). A. Appendix A: Genetic Algorithm (GA) For Search Optimization Appendix. Appendix Preliminaries. *McGraw-Hill Education*.
- Making, S. R. M., Silalahi, B. P., & Bukhari, F. (2018). Multi Depot Vehicle Routing Problem dengan Pengemudi Sese kali. *Jurnal Matematika Dan Aplikasinya*, 17(1).
- Meliani, Y., Hani, Y., Elhaq, S. L., & El Mhamedi, A. (2019). A developed Tabu Search algorithm for heterogeneous fleet vehicle routing problem. *IFAC-PapersOnLine*, 52(13), 1051–1056. <https://doi.org/10.1016/j.ifacol.2019.11.334>
- Michalewicz, Z. (1996). Heuristic methods for evolutionary computation techniques. *Journal of Heuristics*, 1(2), 177–206. <https://doi.org/10.1007/BF00127077>
- Mitchell, M. (1998). *An Introduction to Genetic Algorithms*. MIT Press. <https://books.google.co.id/books?id=0eznlz0TF-IC>
- Mubarok, A., & Chotijah, U. (2021). Penerapan Algoritma Genetika Untuk Mencari Optimasi Kombinasi Jalur Terpendek Dalam Kasus Travelling Salesman Problem. *Jurnal Teknologi Terpadu*, 7, 77–82. <https://doi.org/10.54914/jtt.v7i2.424>
- Muhammad Yusuf, A., Soediantono, D., & Staf Dan Komando Angkatan Laut, S. (2022). Supply Chain Management and Recommendations for Implementation in the Defense Industry: A Literature Review. *International Journal of Social and Management Studies (Ijosmas)*, 3(3), 63–77.
- Newman, D. G., Eschenbach, T.G., Lavelle, J.P (2009). *Engineering Economics Analysis*. Oxford Univ Press.
- Ochelska-Mierzejewska, J., Poniszewska-Marañda, A., & Marañda, W. (2021). Selected Genetic Algorithms for Vehicle Routing Problem Solving. *Electronics*, 10(24). <https://doi.org/10.3390/electronics10243147>
- Perwitasari, E. (2012). Penentuan Rute Pengambilan Sampah di Kota Merauke Dengan Kombinasi Metode Eksak Dan Metode Heuristic. *Mustek Anim Ha*, 1(2SE-Article). <https://ejournal.unmus.ac.id/index.php/mustek/article/view/216>
- Pujawan, I. N., & Er, M. (2017). *Supply Chain Management Edisi 3*. Penerbit Andi. <https://books.google.co.id/books?id=oO7vzwEACAAJ>
- Rabbani, M., Ziaei, M. S., & Omidvar, A. (2015). A new approach to open vehicle routing problem with time window considering vehicle age and monetary value. *International Journal of Services and Operations Management*, 20(2), 165–187. <https://doi.org/10.1504/IJSOM.2015.067475>
- Redi, A. A. N. P., & Redioka, A. A. N. A. (2019). Algoritma Simulated Annealing untuk Optimasi Rute Kendaraan dan Pemindahan Lokasi Sepeda pada Sistem Public Bike Sharing. *Jurnal Sistem Dan Manajemen Industri*, 3(1), 50. <https://doi.org/10.30656/jsmi.v3i1.1473>
- Rizki, Sinaga, P., Sinaga, R. P., & Medan, U. N. (2023). Perbandingan Algoritma Cheapest Insertion Heuristic Dan Nearest Neighbor Dalam Menyelesaikan Traveling Salesman Problem. *Jurnal Riset Rumpun Matematika Dan Ilmu Pengetahuan Alam (JURRIMIPA)*, 2(2), 238–247. <https://prin.or.id/index.php/JURRIMIPA/article/view/1614>
- Sang, T. T., Minh Thu, N., Hoang Khoi, T., Thi Kim Huong, N., Lan, L. T. N., &

- Van Thanh, N. (2021). The Optimization of Transportation Costs in Logistics Enterprises during the Covid-19 Pandemic. *ARRUS Journal of Mathematics and Applied Science*, 1(2), 62–71. <https://doi.org/10.35877/mathscience567>
- Sangwan, S., & Dahiya, C. (2018). Literature Review on Travelling Salesman Problem International Journal of Research Literature Review on Travelling Salesman Problem. *Article in International Journal of Research*, 05(16), 1152–1155. <https://edupediapublications.org/journals>
- Santos, M. J., Amorim, P., Marques, A., Carvalho, A., & Póvoa, A. (2020). The vehicle routing problem with backhauls towards a sustainability perspective: a review. *Top*, 28(2), 358–401. <https://doi.org/10.1007/s11750-019-00534-0>
- Saputra, N., Sentia, P., & Andriansyah, A. (2018). Penentuan Rute Kendaraan Heterogen Menggunakan Algoritma Insertion Heuristic. *Jurnal Optimasi Sistem Industri*, 17, 35. <https://doi.org/10.25077/josi.v17.n1.p35-45.2018>
- Sari, M., Dhoruri, A., & Eminugroho, R. S. (2016). Penyelesaian Capacitated Vehicle Routing Problem Menggunakan Saving Matriks, Sequential Insertion dan Nearest Neighbour di Victoria RO. *Jurnal Matematika-S1*, 5(3), 1–11.
- Sembiring, R., Astuti, M., & Gunaedi Argo, J. (2022). Rantai Pasok Pemasaran Produk Kelompok Tani Di Era Pandemic Covid-19. *Coopetition : Jurnal Ilmiah Manajemen*, 13(1 SE-Articles), 1–8. <https://doi.org/10.32670/coopetition.v13i1.594>
- Setiawan, F., Masruroh, N. A., & Pramuditha, Z. I. (2019). On Modelling and Solving Heterogeneous Vehicle Routing Problem with Multi-Trips and Multi-Products. *Jurnal Teknik Industri*, 21(2), 91–104. <https://doi.org/10.9744/jti.21.2.91-104>
- Sofiatussoliha. (2019). *Optimasi Multi Traveling Salesman Problem Menggunakan Algoritma Genetika Pada Distribusi Keripik Tempe Putra Ridhlo di Malang*. Skripsi. Universitas Islam Negeri Maulana Malik Ibrahim
- Suprayogi, S., & Priyandari, Y. (2018). Tabu Search for the Vehicle Routing Problem with Multiple Trips, Time Windows, and Simultaneous Delivery-Pickup. *Jurnal Teknik Industri*, 19(2), 75–82. <https://doi.org/10.9744/jti.19.2.75-82>
- Syakina, L., & Nurdiati, S. (2021). STUDI LITERATUR: Analisis Distribusi Masalah Lokasi Fasilitas untuk Logistik Bantuan Kemanusiaan. *Jurnal Pijar Mipa*, 16(2), 207–214. <https://doi.org/10.29303/jpm.v16i2.2469>
- Tan, S.-Y., & Yeh, W.-C. (2021). The Vehicle Routing Problem: State-of-the-Art Classification and Review. *Applied Sciences*, 11(21). <https://doi.org/10.3390/app112110295>
- Tohari, A., & Astuti, Y. P. (2023). Penerapan Algoritma Genetika Dalam Menentukan Rute Terpendek PT. Pos Cabang Lamongan. *Jurnal Ilmiah Matematika*, 11(3), 458–467.
- Toth, P., & Vigo, D. (2002). *The Vehicle Routing Problem*. Society for Industrial and Applied Mathematics (SIAM, 3600 Market Street, Floor 6, Philadelphia, PA 19104). <https://books.google.co.id/books?id=Hbve8tWu5MoC>
- Wassan, N., & Nagy, G. (2014). Vehicle Routing Problem with Deliveries and Pickups: Modelling Issues and Meta-heuristics Solution Approaches. *International Journal of Transportation*, 2(1), 95–110. <https://doi.org/10.14257/ijt.2014.2.1.06>

- William Tanujaya, D. R. S. D. D. E. (2013). Penerapan Algoritma Genetik Untuk Penyelesaian Masalah Vehicle Routing Di Pt.Mif. *Widya Teknik*, 10(1), 92–102. <http://journal.wima.ac.id/index.php/teknik/article/view/163>
- Xiao, Y., Zhao, Q., Kaku, I., & Xu, Y. (2012). Development of a fuel consumption optimization model for the capacitated vehicle routing problem. *Computers and Operations Research*, 39(7), 1419–1431. <https://doi.org/10.1016/j.cor.2011.08.013>
- Yaqin, Muhammad Ainul. (2021). *Penentuan Keputusan Operasional Distribusi Gas Menggunakan Metode Large Neighbourhood Search (Studi Kasus: Perusahaan Produsen dan Distributor Gas)*. Undergraduate Thesis. Institut Teknologi Sepuluh Nopember.
- Zaroni. (2015). Transportation dalam Rantai Pasok dan Logistik. *Supply Chain Indonesia*, 1(1), 3. <http://supplychainindonesia.com/new/transportasi-dalam-rantai-pasok-dan-logistik/>
- Zhu, R., & Zhai, Y. (2017). Research on the application of VRP theory in logistics transportation. *MATEC Web of Conferences*, 100, 5064. <https://doi.org/10.1051/mateconf/201710005064>

