

## DAFTAR PUSTAKA

- Adnan, V. (2023). *Penentuan Rute Distribusi Barang Pada Penyelesaian VRP (Vehicle Routing Problem) Menggunakan Metode Clark and Wright Saving Heuristic di UD. Tempe Sari Murni.*
- Afriana, I. W., Sigit Pramudyo, C., Adhitama, L., Dinar, S., & Ramadhani, R. (2023). Optimasi Rute Distribusi Gula Pasir Perum Bulog GBB Purwoartani dengan Metode *Clarke and Wright Savings* dan *Nearest Neighbor*. *Journal Of Industrial Engineering And Technology (Jointech) Universitas Muria Kudus Journal Homepage*, 4(1), 26–36. <http://journal.UMK.ac.id/index.php/jointech>
- Ary, M. (2022). Optimasi Vehicle Routing Problem Pada Rute Pendistribusian Menggunakan Metode Ant Colony Optimization. *Jurnal Tekno Insentif*, 16(2), 139–149. <https://doi.org/10.36787/jti.v16i2.897>
- BPS. (2024). *Sumber Data Badan Pusat Statistik Impor Bahan Baku dan Barang Penolong, 1996-2023*. Survei Sosial Ekonomi Nasional (Susenas)/BPS-Statistics Indonesia, National Socioeconomic Survey.
- Dellaert, N., Van Woensel, T., Crainic, T. G., & Dashty Saridarq, F. (2021). A multi-commodity two-Echelon capacitated vehicle routing problem with time windows: Model formulations and solution approach. *Computers and Operations Research*, 127. <https://doi.org/10.1016/j.cor.2020.105154>
- Dutahatmaja, A. (2022). *Potential and Agricultural Development Strategies in Cupak Village, Ngusikan District, Jombang Regency.*
- Erik Prasetyo, L., Marisa, F., Widyagama Malang Jl Borobudur No, U., Lowokwaru, K., & Malang, K. (2021). Sistem optimasi pendistribusian bahan makanan dan snack dengan algoritma *Ant Colony Optimization (ACO)*. *AITI: Jurnal Teknologi Informasi*, 18(Februari), 88–96.
- Ferdiansyah, A., Sholihah, S. A., Rifni, M., Grets, E. S., Situmorang, J. K., & Oktaviany, I. (2021). *Analisis Perencanaan Rute Pengiriman Barang Menggunakan Metode Vehicle Routing Problem (VRP).*

- Fuadi, A. S., & Pujotomo, D. (2019). *Penyelesaian Vehicle Routing Problem Menggunakan Metode Clarke and Wright Saving Heuristic (Studi Kasus : PT. Coca Cola Amatil Indonesia-Wilayah Banyuwangi)*.
- Gonzalez-Feliu La Rochelle Business School, J., & Torino, P. DI. (2008). *Models and Methods for the City Logistics: The Two-Echelon Capacitated Vehicle Routing Problem*. <https://www.researchgate.net/publication/272565096>
- Hajar, G., & Fauzi, M. D. (2022). Optimasi Penentuan Rute Pengiriman dengan Vehicle Routing Problem Simultaneous Delivery and Pickup with Split Load. In *JIEOM* (Vol. 05, Issue 01). <https://ojs.uniska-bjm.ac.id/index.php/jieom/index>
- Imran, A. A., Lasalewo, T., & Rahmad Macmoed, B. (2022). Optimalisasi Rute Distribusi Pada PT. Pusaka Agro Tani Menggunakan Metode Clarke And Wright Saving Heuristic. *Jambura Industrial Review*, 2(2). <https://doi.org/10.37905/jirev.2.2.89-98>
- Irman, A., Ekawati, R., & Febriana, N. (2017). *Optimalisasi Rute Distribusi Air Minum Quelle dengan Algoritma Clarke & Wright Saving dan Model Vehicle Routing Problem*.
- Izzatillah, M. (2021). Optimasi Penentuan Rute Pendistribusian dengan Penambahan Variabel Waktu Tempuh pada Algoritma *Nearest Neighbor*. *Journal of Academia Perspectives*, 1(2), 94–103. <https://doi.org/10.30998/jap.v1i2.655>
- Martono, S., & Warnars, H. L. H. S. (2020). Penentuan Rute Pengiriman Barang Dengan Metode Nearest Neighbor. *PETIR*, 13(1), 44–57. <https://doi.org/10.33322/petir.v13i1.869>
- Marzuki, C. C., Satria, R., Rahma, A. N., & Faizal, A. (2022a). Nilai Ketakteraturan Total dari Graf Butterfly Network Level 4. *Jurnal Ilmiah Matematika dan Terapan*, 19(1), 1–12. <https://doi.org/10.22487/2540766x.2022.v19.i1.15633>

- Mufid Siraj, M., & Puji Astuti, Y. (2020). Penentuan Biaya Transportasi Minimum Pada Pemilihan Rute Pengiriman Menggunakan Metode Clark and Wright Saving Heuristic. In *Jurnal Ilmiah Matematika* (Vol. 8, Issue 1).
- Naomi, A., Pratiwi, A. B., & Suprajitno, H. (2022). Grasshopper Optimizaton Algorithm (GOA) untuk Menyelesaikan *Vehicle Routing Problem with Simultaneous Pickup and Delivery* (VRPSPD). *Tensor: Pure and Applied Mathematics Journal*, 3(2), 73–84. <https://doi.org/10.30598/tensorvol3iss2pp73-84>
- Nurbani, N. S. (2019). Rancangan Distribusi LPG 3 Kg Berdasarkan Kebijakan Distribusi Sistem Tertutup di Wilayah Pemasaran Kota Bandung. *Jurnal Teknik Industri*, 14.
- Nurlathifah, E., Kusumo, F., Pudjiantoro, P., Ammar, N., Sutopo, W., & Yuniaristanto, D. (2020). *Optimalisasi Rute Distribusi BBM dengan Penerapan Capacitated Vehicle Routing Problem dan Excel Solver di Kabupaten Magetan* (Vol. 26, Issue 2).
- Nusmesse, P., Rahawarin, A., & Paillin, D. B. (2016). Usulan Penentuan Rute dalam Pendistribusian BBM Bersubsidi (Premium) Pada PT. Pertamina TBBM Wayamae Ambon ke SPBU di Pulau Aambon dengan Pendekatan Vehicle Routing Problem. *ARIKA*, 10(1).
- Puteri Pertiwi, P., Ariyani, E., Studi Teknik Industri Fakultas Teknik Universitas Pembangunan Nasional Veteran Jawa Timur, P., Kunci, K., Clark, A., Saving Heuristic, W., Distribusi, B., & Distribusi, R. (2020). Penentuan Rute Distribusi Produk dengan Metode Algoritma *Clark and Wright Saving Heuristic* untuk Meminimumkan Biaya Distribusi di PT X. In *Juminten : Jurnal Manajemen Industri dan Teknologi* (Vol. 01, Issue 02).
- Rachman Afandy, F., & Fayaqun, R. (2023). Optimasi Pendistribusian Barang dengan Metode *Clarke and Wright (Saving Heuristic)* dan Metode *Nearest Neighbour*. *Jurnal Locus Penelitian Dan Pengabdian*, 2(8), 833–845. <https://doi.org/10.58344/locus.v2i8.1589>

- Rozalina, Arnila. U. Silvia. A. P. (2020). *Optimasi Rute Distribusi dengan Penyelesaian Vehicle Routing Problem Menggunakan Algoritma Sweep ada PD. XYZ di Pontianak.*
- Saputro, R. A. T., Kasanah, Y. U., Marddani, O. R., & Niemi, K. (2024a). Optimasi Rute Distribusi Unggas Berbasis Network Analysis-GIS Menggunakan Capacitated Vehicle Routing Problem with Time Window Pickup and Delivery. *Jurnal INTECH Teknik Industri Universitas Serang Raya*, 10(1), 51–60. <https://doi.org/10.30656/intech.v10i1.7712>
- Sepadyati, N., Prayogo, L. D., Ulin, J. A., Chandra, J. N., & Frederika, V. (2024). *Minimasi Jarak Transportasi Pengiriman Barang Pada Perusahaan Distribution Center Surabaya Menggunakan Software Anylogistix.*
- Setyo, M., & Waluyo, B. (2019). Evolusi Sistem Bahan Bakar LPG: Tinjauan Literatur. *Jurnal Rekayasa Mesin*, 10(2), 199–207. <https://doi.org/10.21776/ub.jrm.2019.010.02.12>
- Sianipar, M., Fu'ani, D., Sutopo, W., & Hisjam, D. M. (2017). *Penentuan Rute Kendaraan Menggunakan Metode Clark and Wright Saving Heuristic (Studi Kasus : PT. Sinar Sosro)* (Vol. 16, Issue 2).
- Simanjuntak, J. J., Nanda, Y., & Sembiring, A. C. (2023). Usulan Perbaikan Rute Distribusi Selang Hidrolik Terpendek Menggunakan Algoritma Dijkstra. In *Jurnal Ilmiah Teknik Industri Prima* (Vol. 6, Issue 2).
- Stopka, O., Gross, P., Pečman, J., Hanzl, J., Stopková, M., & Jurkovič, M. (2022). Optimization of the Pick-Up and Delivery Technology in a Selected Company: A Case Study. *Technologies*, 10(4). <https://doi.org/10.3390/technologies10040084>
- Tunnisaki, F., & Sutarman. (2023). Clarke and Wright Savings Algorithm as Solutions Vehicle Routing Problem with Simultaneous Pickup Delivery (VRPSPD). *Journal of Physics: Conference Series*, 2421(1). <https://doi.org/10.1088/1742-6596/2421/1/012045>

- Widyastiti, M., & Sumarsa, A. (2023). *Implementasi Simultaneous Pickup and Delivery Vehicle Routing Problem with Time Windows Menggunakan Integer Non-Linear Programming*. <http://journal.umuslim.ac.id/index.php/asm/>
- Yuliza, E., & Puspita, F. M. (2019). *Branch and Cut Method for Solving Capacitated Vehicle Routing Problem (CVRP) Model of LPG Gas Distribution Routes*. *Science and Technology Indonesia*, 4(4), 105–108. <https://doi.org/10.26554/sti.2019.4.4.105-108>