

## DAFTAR PUSTAKA

- AbdElAziz, M., El-Ghareeb, H., & M.S.M., K. (2014). Hybrid Heuristic Algorithm for solving Capacitated Vehicle Routing Problem. *International Journal of Computers & Technology*, 12(9). doi:10.24297/ijct.v12i9.2824
- Akhand, M. A., Peya, Z. J., Sultana, T., & Al-Mahmud. (2015). Solving Capacitated Vehicle Routing Problem with route optimization using Swarm Intelligence. *Proceedings of International Conference on Electrical Information and Communication Technology (EICT 2015)* (pp. 112-117). Khulna, Bangladesh: IEEE. doi:10.1109/EICT.2015.7391932
- Arumugham, A. J., & Raghunayagan. (2018). Solving a Simple Transportation Problem Using LINGO. *International Journal of Innovative Science, Engineering & Technology*, 5(4), 267-269.
- Asih, A. M., Sopha, B. M., & Kriptaniadewa, G. (2017). Comparison study of metaheuristics: Empirical application of delivery. *International Journal of Engineering Business Management*, 9, 1-12. doi:10.1177/1847979017743603
- ATD Lab. (2014). *CVRP Lib*. Retrieved from Algoritmos e Tecnologia de Decisão da Pontifícia Universidade Católica do Rio de Janeiro: <http://vrp.atd-lab.inf.puc-rio.br/index.php/en/>
- Augerat, P. (1995). *Approche polyédrale du problème de tournées de véhicules*. Français: Institut National Polytechnique de Grenoble - INPG,. Retrieved from <https://tel.archives-ouvertes.fr/tel-00005026/document>
- Braekers, K., Ramaekers, K., & Nieuwenhuyse, I. V. (2015). The vehicle routing problem: state of the art classification and review. *Computers & Industrial Engineering*, 99, 300-313. doi:10.1016/j.cie.2015.12.007
- Christofides, N., Mingozzi, A., & Toth, P. ((1981). Exact algorithms for the vehicle routing problem, based on spanning tree and shortest path relaxations. *Mathematical Programming*, 20(1), 255-282. doi:10.1007/bf01589353
- Cordeau, J.-F., Laporte, G., Savelsbergh, M. W., & Vigo, D. (2007). Vehicle Routing. In *Handbooks in Operations Research and Management Science* (Vol. 14, pp. 367-428). Elsevier. doi:10.1016/S0927-0507(06)14006-2
- Dantzig, G. B., & Ramser, J. H. (1959). The Truck Dispatching Problem. *Management Science*, 6(1), 80-91. doi:10.1287/mnsc.6.1.80
- Davies, S. (n.d.). *Combinatorial Optimization*. Retrieved Agustus 29, 2021, from Computer Science Carnegie Mellon University: <https://www.cs.cmu.edu/afs/cs.cmu.edu/project/learn-43/lib/photoz/.g/web/glossary/comb.html>

- Dhiman, G., & Kaur, A. (2018). Optimizing the Design of Airfoil and Optical Buffer Problems Using Spotted Hyena Optimizer. *Designs*, 2(3), 28-43. doi:10.3390/designs2030028
- Dhiman, G., & Kumar, V. (2017). Spotted hyena optimizer: A novel bio-inspired based metaheuristic technique for engineering applications. *Advances in Engineering Software*, 114, 48-70. doi:10.1016/j.advengsoft.2017.05.014
- Elsabagh, M. A., Farhan, M. S., & Gafar, M. G. (2020). Cross-projects software defect prediction using spotted hyena. *SN Applied Sciences*, 2(4), 538. doi:10.1007/s42452-020-2320-4
- Fisher, M. L. (1994). Optimal Solution of Vehicle Routing Problems Using Minimum K-Trees. *Operations Research*, 42(4), 626-642. doi:10.1287/opre.42.4.626
- Ghafori, S., & Gharehchopogh, F. S. (2022). Advances in Spotted Hyena Optimizer: A Comprehensive Survey. *Archives of Computational Methods in Engineering*, 29, 1569-1590. doi:10.1007/s11831-021-09624-4
- Gilbert, L., & Semet, F. (2002). Classical Heuristics for the Capacitated VRP. In *The Vehicle Routing Problem* (pp. 109-128). Philadelphia: Society for Industrial and Applied Mathematics.
- Glover, F., & Kochenberger, G. A. (2003). *Handbook of Metaheuristics*. New York: Kluwer Academic Publisher.
- Gunantara, N., & Putra, I. D. (2019). The Characteristics of Metaheuristic Method in Selection of Path Pairs on Multicriteria Ad Hoc Networks. *Journal of Computer Networks and Communications*, 1-6. doi:10.1155/2019/7983583
- Hadhiatma, A., & Purbo, A. (2017). Vehicle Routing Problem Untuk Distribusi Barang Menggunakan Algoritma Semut. *Prosiding Seminar Nasional Teknologi dan informatika* (pp. 139-145). Kudus: Prosiding SNATIF.
- Horowitz, E., Sahni, S., & Rajasekaran, S. (1997). *Computer Algorithms*. New York: Computer Science Press.
- Ilany, A., Booms, A. S., & Holekamp, K. E. (2015). Topological effects of network structure on long-term social network dynamics in a wild mammal. *Ecology Letters*, 18(7), 687-695. doi:10.1111/ele.12447
- Jia, H., Jia, H., Song, W., Peng, X., Lang, C., & Li, Y. (2019). Spotted Hyena Optimization Algorithm With Simulated Annealing for Feature Selection. *IEEE Access*, 7, 71943–71962. doi:10.1109/access.2019.2919991
- Kaja, S. C. (2020). A New Approach for Solving the Disruption in Vehicle Routing Problem During the Delivery. Karlskrona, Sweden: Blekinge Institute of Technology. Master Thesis.
- Kaleka, K. K., Kaur, A., & Kumar, V. (2020). A conceptual comparison of metaheuristic algorithms and applications to engineering design problems.

*International Journal of Intelligent Information and Database Systems*, 13(2), 278-306. doi:10.1504/ijiids.202

- Krishna, M. M., Panda, N., & Majhi, S. K. (2021). Solving traveling salesman problem using hybridization of rider optimization and spotted hyena optimization algorithm. *Expert Systems With Applications*, 183. doi:10.1016/j.eswa.2021.115353
- Kromer, P., Abraham, A., Snasel, V., Berhan, E., & Kitaw, D. (2013). On the Differential Evolution for Vehicle Routing Problem. *International Conference of Soft Computing and Pattern Recognition (SoCPaR)* (pp. 384-389). Hanoi: IEEE Explore.
- Naderipour, A., ZulkurnainAbdul-Malek, Hajivand, M., Seifabad, Z. M., Farsi, M., Nowdeh, S., & Davoudkhani, I. F. (2020). Spotted hyena optimizer algorithm for capacitor allocation in radial distribution system with distributed generation and microgrid operation considering diferent load types. *Scientific Reports*, 11, 1-15. doi:10.1038/s41598-021-82440-9
- Nguyen, V. D., Nguyen, T., Nguyen, T. L., Tran, V. C., & Truong, H. B. (2020). Spotted Hyena Optimizer: An Approach to Travelling Salesman Problems. *12th International Conference on Computational Collective Intelligence* (pp. 217-228). Danang, Vietnam: Springer Nature Switzerland AG. doi:10.1007/978-3-030-63007-2\_17
- Osman, I., & Laporte, G. (1996). Metaheuristics: A bibliography. *Annals of Operations Research*, 63, 511–623. doi:10.1007/BF02125421
- Peya, Z. J., Akhand, M. A., Sultana, T., & Rahman, M. M. (2019). Distance based Sweep Nearest Algorithm to Solve Capacitated Vehicle Routing Problem. *International Journal of Advanced Computer Science and Applications*, 259-264.
- Pinto, T., Alves, C., & Carvalho, J. V. (2018). Models and Advanced Optimization Algorithms for the Integrated Management of Logistics Operations. *Springer Proceedings in Mathematics & Statistics*, 223, 313-324. doi:10.1007/978-3-319-71583-4\_21
- Pop, P. C., Zelina, I., Lupșe, V., Sitar, C. P., & Chira, C. (2011). Heuristic Algorithms for Solving the Generalized Vehicle Routing Problem. *International Journal Computers Communication & Control*, 6(1), 158-165. doi:10.15837/ijccc.2011.1.2210
- Quintero-Duran, M., Candelo, J. E., & Sousa, V. (2017). Recent Trends of the Most Used Metaheuristic Techniques for Distribution Network Reconfiguration. *Journal Of Engineering Science and Technology Review*, 10(5), 159-173. doi:10.25103/jestr.105.20
- Sánchez, F. F., Lazo, C. A., & Quiñónez, F. Y. (2020). Comparative Study of Algorithms Metaheuristics Based Applied to the Solution of the Capacitated

- Vehicle Routing Problem. In *Novel Trends in the Traveling Salesman Problem* (pp. 1-25). IntechOpen. doi:10.5772/intechopen.91972
- Sari, G. M., Heryanto, R. M., & Santoso. (2020). Penentuan Rute Distribusi Menggunakan Model Integer Linear. *Go-Integratif : Jurnal Teknik Sistem dan Industri*, 1(1), 69-79. doi:10.35261/gijtsi.v1i01.4265
- Setiawan, F., Masruroh, N. A., & Pramuditha, Z. I. (2019). Modelling and Solving Heterogenous Vehicle Routing Problem. *Jurnal Teknik Industri*, 21(2), 91-104. doi:10.9744/jti.21.2.91-104
- Singhal, S., Goyal, S., Goyal, S., & Bhatt, D. (2011). A Comparative Study of a Class of Nature Inspired Algorithms. *5th National Conference, INDIACom*, (pp. 611-617). New Delhi.
- Talbi, E.-G. (2009). *Metaheuristics: From Design to Implementation* (Vol. 42). Hoboken, New Jersey, USA: Wiley.
- Togatoro, Y. S. (2018). *Penyelesaian Capacitated Vehicle Routing Problem Menggunakan Algoritma Sweep*. Medan: Universitas Sumatera Utara.
- Toth, P., & Vigo, D. (2002). An Overview of Vehicle Routing Problems. In *The vehicle routing problem* (pp. 1-26). Philadelphia: Society for Industrial and Applied Mathematics.
- Tu, Q., Chen, X., & Liu, X. (2019). Multi-strategy ensemble grey wolf optimizer and its application to feature selection. *Applied Soft Computing*, 76, 16-30. doi:10.1016/j.asoc.2018.11.047
- Uchoa, E., Pecin, D., Pessoa, A., Poggi, M., Subramanian, A., & Vidal, T. (2017). New Benchmark Instances for the Capacitated Vehicle Routing Problem. *European Journal of Operational Research*, 257(3), 845-858. doi:10.1016/j.ejor.2016.08.012
- Vu, T. T., & Derbel, B. (2016). Parallel Branch-and-Bound in Multi-core Multi-CPU Multi-GPU Heterogeneous Environments. *Future Generation Computer Systems*, 56, 95-109. doi:10.1016/j.future.2015.10.009
- Wang, F. S., & Chen, L. H. (2013). Heuristic Optimization. In W. Dubitzky, O. Wolkenhauer, K.-H. Cho, & H. Yokota, *Encyclopedia of Systems Biology* (p. 885). New York: Springer. doi:10.1007/978-1-4419-9863-7\_411
- Weise, T. (n.d.). *Metaheuristic Optimization*. Retrieved September 29, 2021, from Institute of Applied Optimization Hefei University: <http://iao.hfuu.edu.cn/teaching/lectures/metaheuristic-optimization>