

## REFERENCE

- Allen, S.D., Burke, E.K., Mareček, J., 2012. A space-indexed formulation of packing boxes into a larger box. *Operations Research Letters* 40, 20–24.
- Alonso, M.T., Alvarez-Valdes, R., Iori, M., Parreño, F., 2019. Mathematical models for multi container loading problems with practical constraints. *Comput Ind Eng* 127, 722–733.
- Araya, I., Guerrero, K., Nuñez, E., 2017. VCS: A new heuristic function for selecting boxes in the single container loading problem. *Comput Oper Res* 82, 27–35.
- Araya, I., Moyano, M., Sanchez, C., 2020. A beam search algorithm for the biobjective container loading problem. *Eur J Oper Res* 286, 417–431.
- Azi, N., Gendreau, M., Potvin, J.-Y., 2010. An Adaptive Large Neighborhood Search for a Vehicle Routing Problem with Multiple Trips. *Comput Oper Res* 41, 167–173.
- Badan Pusat Statistik, 2023. Nilai ekspor migas-nonmigas (juta US\$), BPS. Jakarta.
- Bayraktar, T., Ersöz, F., Kubat, C., 2021. Effects of memory and genetic operators on artificial bee colony algorithm for single container loading problem. *Appl Soft Comput* 108, 107462.
- Bischoff, E.E., 2006. Three-dimensional packing of items with limited load bearing strength. *Eur J Oper Res* 168, 952–966.
- Bischoff, E.E., Ratcliff, M.S.W., 1995. Issues in the development of approaches to container loading. *Omega (Westport)* 23, 377–390.
- Bortfeldt, A., 2006. A genetic algorithm for the two-dimensional strip packing problem with rectangular pieces. *Eur J Oper Res* 172, 814–837.
- Bortfeldt, A., Wäscher, G., 2013. Constraints in container loading – A state-of-the-art review. *Eur J Oper Res* 229, 1–20.
- Boschetti, M.A., Maniezzo, V., Roffilli, M., Röhlér, A.B., 2009. *Matheuristics: Optimization, Simulation and Control*, LNCS. Springer-Verlag.

- Çalik, H., Juwet, M., Yaman, H., Vanden Berghe, G., 2023. Cargo securing under multi-drop and axle weight constraints. *Eur J Oper Res* 307, 157–176.
- Chen, C.S., Lee, S.M., Shen, Q.S., 1995. An analytical model for the container loading problem. *Eur J Oper Res* 80, 68–76.
- Coutinho, J.P.L., Reis, M.S., Neves, D.F.M.G., Bernardo, F.P., 2023. Robust optimization and data-driven modeling of tissue paper packing considering cargo deformation. *Comput Ind Eng* 175, 108898.
- da Silva, E.F., Leão, A.A.S., Toledo, F.M.B., Wauters, T., 2020. A matheuristic framework for the three-dimensional single large object placement problem with practical constraints. *Comput Oper Res* 124, 105058.
- da Silva, E.F., Toffolo, T.A.M., Wauters, T., 2019. Exact methods for three-dimensional cutting and packing: A comparative study concerning single container problems. *Comput Oper Res* 109, 12–27.
- Dyckhoff, H., 1990. A typology of cutting and packing problems, *European Journal of Operational Research*, 44(2), 145–159.
- Fischetti, Martina, Fischetti, Matteo, 2016. Matheuristics. In: *Handbook of Heuristics*. Springer International Publishing, pp. 1–33.
- Gajda, M., Trivella, A., Mansini, R., Pisinger, D., 2022. An optimization approach for a complex real-life container loading problem. *Omega (Westport)* 107, 102559.
- George, J.A., Robinson, D.F., 1980. A heuristic for packing boxes into a container. *Comput Oper Res* 7, 147–156.
- Gonçalves, J.F., Resende, M.G.C., 2012. A parallel multi-population biased random-key genetic algorithm for a container loading problem. *Comput Oper Res* 39, 179–190.
- Gonzalez, Y., Miranda, G., Leon, C., 2016. Multi-objective multi-level filling evolutionary algorithm for the 3D cutting stock problem. *Procedia Comput Sci* 96, 355–364.
- He, K., Tole, K., Ni, F., Yuan, Y., Liao, L., 2021. Adaptive large neighborhood search for solving the circle bin packing problem. *Comput Oper Res* 127.

- Huang, Y., Lai, L., Li, W., Wang, H., 2022. A differential evolution algorithm with ternary search tree for solving the three-dimensional packing problem. *Inf Sci (N Y)* 606, 440–452.
- Huang, Y.-H., Hwang, F.J., Lu, H.-C., 2016. An effective placement method for the single container loading problem. *Comput Ind Eng* 97, 212–221.
- Jamrus, T., Chien, C.-F., 2016. Extended priority-based hybrid genetic algorithm for the less-than-container loading problem. *Comput Ind Eng* 96, 227–236.
- Junqueira, L., Morabito, R., Sato Yamashita, D., 2012. Three-dimensional container loading models with cargo stability and load bearing constraints. *Comput Oper Res* 39, 74–85.
- Kang, K., Moon, I., Wang, H., 2012. A hybrid genetic algorithm with a new packing strategy for the three-dimensional bin packing problem. *Appl Math Comput* 219, 1287–1299.
- Kilic, C., 2015. Effects of globalization on economic growth: panel data analysis for developing countries. *Economic Insights – Trends and Challenges* 4, 1–11.
- Li, Y., Chen, M., Huo, J., 2022. A hybrid adaptive large neighborhood search algorithm for the large-scale heterogeneous container loading problem. *Expert Syst Appl* 189, 115909.
- Liu, S., Tan, W., Xu, Z., Liu, X., 2014. A tree search algorithm for the container loading problem. *Comput Ind Eng* 75, 20–30.
- Mack, D., Bortfeldt, A., Gehring, H., 2004. A parallel hybrid local search algorithm for the container loading problem. *International Transactions In Operational Research* 11, 511–533.
- Mara, S.T.W., Norcahyo, R., Jodiawan, P., Lusiantoro, L., Rifai, A.P., 2022. A survey of adaptive large neighborhood search algorithms and applications. *Comput Oper Res* 146, 105903.
- Martello, S., Pisinger, D., Vigo, D., 2000. Three-dimensional bin packing problem. *Oper Res* 48, 256–267.
- Nascimento, O.X. do, Alves de Queiroz, T., Junqueira, L., 2021. Practical constraints in the container loading problem: Comprehensive formulations and exact algorithm. *Comput Oper Res* 128, 105186.

- Pisinger, D., Ropke, S., 2019. Large Neighborhood Search. In: Gendreau, M., Potvin, J.-Y. (Eds.), *Handbook of Metaheuristics*. Springer International Publishing, Cham, pp. 99–127.
- Puspa, A.W., 2020. Perusahaan JPT dibawah ALFI akan terapkan multimoda nasional, *Bisnis Indonesia*. Jakarta.
- Qin, H., Zhang, Z., Qi, Z., Lim, A., 2014. The freight consolidation and containerization problem. *Eur J Oper Res* 234, 37–48.
- Que, Q., Yang, F., Zhang, D., 2023. Solving 3D packing problem using Transformer network and reinforcement learning. *Expert Syst Appl* 214, 119153.
- Rakotonirainy, R.G., van Vuuren, J.H., 2020. Improved metaheuristics for the two-dimensional strip packing problem. *Appl Soft Comput* 92, 106268.
- Ramos, A.G., Oliveira, J.F., Gonçalves, J.F., Lopes, M.P., 2015. Dynamic stability metrics for the container loading problem. *Transp Res Part C Emerg Technol* 60, 480–497.
- Ramos, A.G., Oliveira, J.F., Gonçalves, J.F., Lopes, M.P., 2016a. A container loading algorithm with static mechanical equilibrium stability constraints. *Transportation Research Part B: Methodological* 91, 565–581.
- Ramos, A.G., Oliveira, J.F., Lopes, M.P., 2016b. A physical packing sequence algorithm for the container loading problem with static mechanical equilibrium conditions. *International Transactions in Operational Research* 23, 215–238.
- Ramos, A.G., Silva, E., Oliveira, J.F., 2018. A new load balance methodology for container loading problem in road transportation. *Eur J Oper Res* 266, 1140–1152.
- Rushton, Alan., Croucher, P., Baker, P., 2014. Outsourcing: Services and decision criteria. In: *The Handbook of Logistics and Distribution Management: Understanding the Supply Chain*. Kogan Page, pp. 560–588.
- Şafak, Ö., Erdoğan, G., 2023. A large neighbourhood search algorithm for solving container loading problems. *Comput Oper Res* 154, 106199.

- Sheng, L., Xiuqin, S., Changjian, C., Hongxia, Z., Dayong, S., Feiyue, W., 2017. Heuristic algorithm for the container loading problem with multiple constraints. *Comput Ind Eng* 108, 149–164.
- Taniguchi, E., Thompson, R.G., 2015. *City logistics mapping the future*, 1st ed. Taylor & Francis Group, Boca Raton.
- Wang, Z., Li, K.W., Levy, J.K., 2008. A heuristic for the container loading problem: A tertiary-tree-based dynamic space decomposition approach. *Eur J Oper Res* 191, 86–99.
- Wäscher, G., Haußner, H., Schumann, H., 2007. An improved typology of cutting and packing problems. *Eur J Oper Res* 183, 1109–1130.
- Yuan, Y., Tole, K., Ni, F., He, K., Xiong, Z., Liu, J., 2022. Adaptive simulated annealing with greedy search for the circle bin packing problem. *Comput Oper Res* 144.
- Zhao, X., Bennell, J.A., Bektaş, T., Dowsland, K., 2016. A comparative review of 3D container loading algorithms. *International Transactions in Operational Research* 23, 287–320.
- Zheng, J.-N., Chien, C.-F., Gen, M., 2015. Multi-objective multi-population biased random-key genetic algorithm for the 3-D container loading problem. *Comput Ind Eng* 89, 80–87.
- Zhu, W., Oon, W.C., Lim, A., Weng, Y., 2012. The six elements to block-building approaches for the single container loading problem. *Applied Intelligence* 37, 431–445.