

DAFTAR PUSTAKA

- Aaronson, L. S., Teel, C. S., Cassmeyer, V., Neuberger, G. B., Pallikkathayil, L., Pierce, J., Press, A. N., Williams, P. D., & Wingate, A. (1999). Defining and measuring fatigue. *Journal of Nursing Scholarship*, 31(1). <https://doi.org/10.1111/j.1547-5069.1999.tb00420.x>
- Afzalirad, M., & Rezaeian, J. (2016). Resource-constrained unrelated parallel machine scheduling problem with sequence dependent setup times, precedence constraints and machine eligibility restrictions. *Computers and Industrial Engineering*, 98, 40–52. <https://doi.org/10.1016/j.cie.2016.05.020>
- Alcan, P., & Balişgil, H. (2012). A genetic algorithm application using fuzzy processing times in non-identical parallel machine scheduling problem. *Advances in Engineering Software*, 45(1), 272–280. <https://doi.org/10.1016/j.advengsoft.2011.10.004>
- Arroyo, J. E. C., & Leung, J. Y. T. (2017). Scheduling unrelated parallel batch processing machines with non-identical job sizes and unequal ready times. *Computers and Operations Research*, 78, 117–128. <https://doi.org/10.1016/j.cor.2016.08.015>
- Azzouz, A., Ennigrou, M., & Ben Said, L. (2018). Scheduling problems under learning effects: classification and cartography. In *International Journal of Production Research* (Vol. 56, Issue 4). <https://doi.org/10.1080/00207543.2017.1355576>
- Balin, S. (2011). Non-identical parallel machine scheduling using genetic algorithm. *Expert Systems with Applications*, 38(6), 6814–6821. <https://doi.org/10.1016/j.eswa.2010.12.064>
- Bechtold, S. E., & Sumners, D. L. (1988). Note—Optimal Work-Rest Scheduling with Exponential Work-Rate Decay. *Management Science*, 34(4). <https://doi.org/10.1287/mnsc.34.4.547>
- Beldar, P., Battarra, M., & Laporte, G. (2024). Non-identical parallel machines batch processing problem to minimize the makespan: Models and algorithms. *Computers and Operations Research*, 168. <https://doi.org/10.1016/j.cor.2024.106708>
- Belouadah, H., & Potts, C. N. (1994). Scheduling identical parallel machines to minimize total weighted completion time. In *Discrete Applied Mathematics* (Vol. 48).
- Cardon, A., Galinho, T., & Vacher, J.-P. (2000). Genetic algorithms using multi-objectives in a multi-agent system. In *Robotics and Autonomous Systems* (Vol. 33).
- Cheng, C. Y., & Huang, L. W. (2017). Minimizing total earliness and tardiness through unrelated parallel machine scheduling using distributed release time control. *Journal of Manufacturing Systems*, 42, 1–10. <https://doi.org/10.1016/j.jmsy.2016.10.005>

- Chu, F., Chu, C., & Desprez, C. (2010). Series production in a basic re-entrant shop to minimize makespan or total flow time. *Computers and Industrial Engineering*, 58(2), 257–268. <https://doi.org/10.1016/j.cie.2009.02.017>
- D'Ambrosio, C., Lodi, A., Wiese, S., & Bragalli, C. (2015). Mathematical programming techniques in water network optimization. In *European Journal of Operational Research* (Vol. 243, Issue 3, pp. 774–788). Elsevier B.V. <https://doi.org/10.1016/j.ejor.2014.12.039>
- de Souza Ferreira, G., Mateus, G. R., & Ravetti, M. G. (2024). Minimizing Carbon Emission in Hybrid Flow Shop Scheduling: A Comparative Analysis of Flow-based and Set Partitioning Formulations. *Procedia Computer Science*, 232, 2831–2840. <https://doi.org/10.1016/j.procs.2024.02.146>
- Fang, K. T., & Lin, B. M. T. (2013). Parallel-machine scheduling to minimize tardiness penalty and power cost. *Computers and Industrial Engineering*, 64(1), 224–234. <https://doi.org/10.1016/j.cie.2012.10.002>
- Ferjani, A., Ammar, A., Pierreval, H., & Elkosantini, S. (2017a). A simulation-optimization based heuristic for the online assignment of multi-skilled workers subjected to fatigue in manufacturing systems. *Computers and Industrial Engineering*, 112, 663–674. <https://doi.org/10.1016/j.cie.2017.02.008>
- Ferjani, A., Ammar, A., Pierreval, H., & Elkosantini, S. (2017b). A simulation-optimization based heuristic for the online assignment of multi-skilled workers subjected to fatigue in manufacturing systems. *Computers & Industrial Engineering*, 112, 663–674. <https://doi.org/10.1016/J.CIE.2017.02.008>
- Geurtsen, M., Didden, J. B. H. C., Adan, J., Atan, Z., & Adan, I. (2023). Production, maintenance and resource scheduling: A review. In *European Journal of Operational Research* (Vol. 305, Issue 2, pp. 501–529). Elsevier B.V. <https://doi.org/10.1016/j.ejor.2022.03.045>
- Graves, S. C. (1981). REVIEW OF PRODUCTION SCHEDULING. *Operations Research*, 29(4), 646–675. <https://doi.org/10.1287/opre.29.4.646>
- Huda, Z. (2020). Machining Processes and Machines. In *Machining Processes and Machines*. CRC Press. <https://doi.org/10.1201/9781003081203>
- Jaber, M. Y., Givi, Z. S., & Neumann, W. P. (2013). Incorporating human fatigue and recovery into the learning-forgetting process. *Applied Mathematical Modelling*, 37(12–13), 7287–7299. <https://doi.org/10.1016/j.apm.2013.02.028>
- Kumar, S., Krueger, H., Landau, K., Luttmann, A., Mital, A., Ramsey, J., Wang, M., & Konz, S. (1998). Work/rest: Part II-The scientific basis (knowledge base) for the guide. In *International Journal of Industrial Ergonomics* (Vol. 22).

- Liu, M., & Yang, X. (2019). Bi-objective optimization for Scheduling and Multi-skilled Worker Assignments in the Hybrid Flow Shop. *IFAC-PapersOnLine*, 52(13), 2128–2133. <https://doi.org/10.1016/j.ifacol.2019.11.520>
- Liu, Y., Shen, W., Zhang, C., & Sun, X. (2023). Agent-based simulation and optimization of hybrid flow shop considering multi-skilled workers and fatigue factors. *Robotics and Computer-Integrated Manufacturing*, 80. <https://doi.org/10.1016/j.rcim.2022.102478>
- Maecker, S., Shen, L., & Mönch, L. (2023). Unrelated parallel machine scheduling with eligibility constraints and delivery times to minimize total weighted tardiness. *Computers and Operations Research*, 149. <https://doi.org/10.1016/j.cor.2022.105999>
- Michalewicz, Z. (2011). Foreword. In *Natural Computing Series* (Vol. 25). <https://doi.org/10.1007/978-3-540-72962-4>
- Moon, C., Lee, M., Seo, Y., & Lee, Y. H. (n.d.). *Integrated machine tool selection and operation sequencing with capacity and precedence constraints using genetic algorithm* q. www.elsevier.com/locate/dsw
- Mouayni, I. El, Demesure, G., Haouzi, H. B. El, Charpentier, P., & Siadat, A. (2019). Jobs scheduling within Industry 4.0 with consideration of worker's fatigue and reliability using Greedy Randomized Adaptive Search Procedure. *IFAC-PapersOnLine*, 52(19), 85–90. <https://doi.org/10.1016/j.ifacol.2019.12.114>
- Muter, İ. (2020). Exact algorithms to minimize makespan on single and parallel batch processing machines. *European Journal of Operational Research*, 285(2), 470–483. <https://doi.org/10.1016/j.ejor.2020.01.065>
- Noman, M. A., Alatefi, M., Al-Ahmari, A. M., & Ali, T. (2021). Tabu Search Algorithm Based on Lower Bound and Exact Algorithm Solutions for Minimizing the Makespan in Non-Identical Parallel Machines Scheduling. *Mathematical Problems in Engineering*, 2021. <https://doi.org/10.1155/2021/1856734>
- Saha, P. N., Datta, S. R., Banerjee, P. K., & Narayane, G. G. (1979). An acceptable workload for indian workers. *Ergonomics*, 22(9). <https://doi.org/10.1080/00140137908924680>
- Santoro, M. C., & Junqueira, L. (2023). Unrelated parallel machine scheduling models with machine availability and eligibility constraints. *Computers and Industrial Engineering*, 179. <https://doi.org/10.1016/j.cie.2023.109219>
- Sekkal, N., & Belkaid, F. (2020). A multi-objective simulated annealing to solve an identical parallel machine scheduling problem with deterioration effect and resources consumption constraints. *Journal of Combinatorial Optimization*, 40(3), 660–696. <https://doi.org/10.1007/s10878-020-00607-y>
- Tan, M., Yang, H. L., & Su, Y. X. (2019). Genetic algorithms with greedy strategy for green batch scheduling on non-identical parallel machines. *Memetic Computing*, 11(4), 439–452. <https://doi.org/10.1007/s12293-019-00296-z>

- Wang, S., Wu, R., Chu, F., & Yu, J. (2022). Unrelated parallel machine scheduling problem with special controllable processing times and setups. *Computers and Operations Research*, 148. <https://doi.org/10.1016/j.cor.2022.105990>
- Xiao, Y., Zheng, Y., Yu, Y., Zhang, L., Lin, X., & Li, B. (2021). A branch and bound algorithm for a parallel machine scheduling problem in green manufacturing industry considering time cost and power consumption. *Journal of Cleaner Production*, 320. <https://doi.org/10.1016/j.jclepro.2021.128867>
- Zhang, H., Li, K., Jia, Z. hong, & Chu, C. (2023). Minimizing total completion time on non-identical parallel batch machines with arbitrary release times using ant colony optimization. *European Journal of Operational Research*, 309(3), 1024–1046. <https://doi.org/10.1016/j.ejor.2023.02.015>
- Zhang, L., Deng, Q., Lin, R., Gong, G., & Han, W. (2021). A combinatorial evolutionary algorithm for unrelated parallel machine scheduling problem with sequence and machine-dependent setup times, limited worker resources and learning effect. *Expert Systems with Applications*, 175. <https://doi.org/10.1016/j.eswa.2021.114843>