

## DAFTAR PUSTAKA

- Ahmed, S.M., Biswas, T.K. and Nundy, C.K. (2019) 'An optimization model for aggregate production planning and control: a genetic algorithm approach', *International Journal of Research in Industrial Engineering*, 8(3). Available at: <https://doi.org/10.22105/riej.2019.192936.1090>.
- Armi, A.E., Kridalaksana, A.H. and Arifin, Z. (2019) 'Peramalan Angka Inflasi Kota Samarinda Menggunakan Metode Double Exponential Smoothing (Studi Kasus : Badan Pusat Statistik Kota Samarinda)', *Informatika Mulawarman : Jurnal Ilmiah Ilmu Komputer*, 14(1), p. 21. Available at: <https://doi.org/10.30872/jim.v14i1.1252>.
- Bandyopadhyay, S. (2019) *Production and Operations Analysis: Traditional, Latest, and Smart Views*. CRC Press.
- Bettiza, M. (2020) 'Forecasting Total Population Using Chen, Cheng, and Markov Chain Fuzzy Time Series Models', in *2020 12th International Conference on Information Technology and Electrical Engineering (ICITEE)*. *2020 12th International Conference on Information Technology and Electrical Engineering (ICITEE)*, Yogyakarta, Indonesia: IEEE, pp. 135–140. Available at: <https://doi.org/10.1109/ICITEE49829.2020.9271682>.
- Campo, E.A., Cano, J.A.C. and Gómez-Montoya, R.A. (2018) 'Linear Programming for Aggregate Production Planning in a Textile Company', *Fibres and Textiles in Eastern Europe*, 26(5(131)), pp. 13–19. Available at: <https://doi.org/10.5604/01.3001.0012.2525>.
- Charoenponyarrat, D. and Somboonwiwat, T. (2018) 'Aggregate planning in canned pineapple production lines', in *2018 5th International Conference on Industrial Engineering and Applications (ICIEA)*. *2018 5th International Conference on Industrial Engineering and Applications (ICIEA)*, Singapore: IEEE, pp. 349–354. Available at: <https://doi.org/10.1109/IEA.2018.8387123>.
- Cheraghalikhani, A., Khoshalhan, F. and Mokhtari, H. (2019) 'Aggregate production planning: A literature review and future research directions', *International Journal of Industrial Engineering Computations*, pp. 309–330. Available at: <https://doi.org/10.5267/j.ijiec.2018.6.002>.

- Chopra, S. and Meindl, P. (2019) *Supply Chain Management: Strategy, Planning, and Operation -6/E*. Pearson. Available at: <https://openlibrary.telkomuniversity.ac.id/pustaka/155672/supply-chain-management-strategy-planning-and-operation-6-e-.html> (Accessed: 4 October 2023).
- De Simone, V. *et al.* (2023) ‘Sustainable Production Planning and Control in Manufacturing Contexts: A Bibliometric Review’, *Sustainability*, 15(18), p. 13701. Available at: <https://doi.org/10.3390/su151813701>.
- Delavina Simanjuntak, G.F. *et al.* (2022) ‘Aggregate Planning to Minimize Cost of Production of ABC Company with Forecasting and Master Production Schedule Approach’, in *Proceedings of the International Conference on Industrial Engineering and Operations Management. The 5th European International Conference on Industrial Engineering and Operations Management*, Rome, Europe: IEOM Society International, pp. 1173–1183. Available at: <https://doi.org/10.46254/EU05.20220245>.
- Djordjevic, I., Petrovic, D. and Stojic, G. (2019) ‘A fuzzy linear programming model for aggregated production planning (APP) in the automotive industry’, *Computers in Industry*, 110, pp. 48–63. Available at: <https://doi.org/10.1016/j.compind.2019.05.004>.
- Eunike, A. *et al.* (2021) *Perencanaan Produksi dan Pengendalian Persediaan: Edisi Revisi*. Universitas Brawijaya Press.
- Gridin, I. (2021) *Time Series Forecasting using Deep Learning: Combining PyTorch, RNN, TCN, and Deep Neural Network Models to Provide Production-Ready Prediction Solutions (English Edition)*. BPB Publications.
- Hilbert, M. *et al.* (2023) ‘A novel indicator for sustainability in production planning using Center of Gravity-based assessment of Pareto fronts’, *Computers & Industrial Engineering*, 185, p. 109618. Available at: <https://doi.org/10.1016/j.cie.2023.109618>.
- Hyndman, R.J. and Athanasopoulos, G. (2018) *Forecasting: principles and practice*. OTexts.
- Immanuel, S.D. and Chakraborty, U.Kr. (2019) ‘Genetic Algorithm: An Approach on Optimization’, in *2019 International Conference on Communication and*

- Electronics Systems (ICCES). 2019 International Conference on Communication and Electronics Systems (ICCES)*, Coimbatore, India: IEEE, pp. 701–708. Available at: <https://doi.org/10.1109/ICCES45898.2019.9002372>.
- Jay Heizer, B.R. (2011) *Operations Management: Manajemen Operasi buku 1*. Salemba Empat.
- Kiran, D.R. (2019) *Production Planning and Control: A Comprehensive Approach*. Butterworth-Heinemann.
- Kusmindari, C.D., Alfian, A. and Hardini, S. (2019) *Production Planning And Inventory Control*. Deepublish.
- Lambora, A., Gupta, K. and Chopra, K. (2019) ‘Genetic Algorithm- A Literature Review’, in *2019 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COMITCon). 2019 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COMITCon)*, Faridabad, India: IEEE, pp. 380–384. Available at: <https://doi.org/10.1109/COMITCon.2019.8862255>.
- Liu, L.-F. and Yang, X.-F. (2021) ‘Multi-objective Aggregate Production Planning for Multiple Products: A Local Search-Based Genetic Algorithm Optimization Approach’, *International Journal of Computational Intelligence Systems*, 14(1), p. 156. Available at: <https://doi.org/10.1007/s44196-021-00012-1>.
- Magdalena, R. (2020) ‘Analysis of the Aggregate Heuristic Planning for Planning and Controlling the Amount of Production to Minimize Costs’, *Operations Research: International Conference Series*, 1(1), pp. 1–12. Available at: <https://doi.org/10.47194/orics.v1i1.18>.
- Mahia, F. *et al.* (2019) ‘Forecasting Electricity Consumption using ARIMA Model’, in *2019 International Conference on Sustainable Technologies for Industry 4.0 (STI). 2019 International Conference on Sustainable Technologies for Industry 4.0 (STI)*, Dhaka, Bangladesh: IEEE, pp. 1–6. Available at: <https://doi.org/10.1109/STI47673.2019.9068076>.
- Mahmud, S., Hossain, S. and Hossain, M. (2018) ‘Application of multi-objective genetic algorithm to aggregate production planning in a possibilistic environment’.

- May, M.C. *et al.* (2023a) ‘Solving sustainable aggregate production planning with model predictive control’, *CIRP Annals*, 72(1), pp. 421–424. Available at: <https://doi.org/10.1016/j.cirp.2023.04.023>.
- May, M.C. *et al.* (2023b) ‘Solving sustainable aggregate production planning with model predictive control’, *CIRP Annals*, 72(1), pp. 421–424. Available at: <https://doi.org/10.1016/j.cirp.2023.04.023>.
- Mehdizadeh, E., Niaki, S.T.A. and Hemati, M. (2018) ‘A bi-objective aggregate production planning problem with learning effect and machine deterioration: Modeling and solution’, *Computers & Operations Research*, 91, pp. 21–36. Available at: <https://doi.org/10.1016/j.cor.2017.11.001>.
- Nugraha, I., Hisjam, M. and Sutopo, W. (2020) ‘Aggregate Planning Method as Production Quantity Planning and Control to Minimizing Cost’, *IOP Conference Series: Materials Science and Engineering*, 943(1), p. 012045. Available at: <https://doi.org/10.1088/1757-899X/943/1/012045>.
- Oláh, J. *et al.* (2020) ‘Impact of Industry 4.0 on Environmental Sustainability’, *Sustainability*, 12(11), p. 4674. Available at: <https://doi.org/10.3390/su12114674>.
- Pianda, D. (2018) *Optimasi perencanaan produksi pada kombinasi produk dengan metode linear programming*. CV Jejak (Jejak Publisher).
- Rasna, Sudarsana, I.W. and Lusiyanti, D. (2021) ‘Forecasting Of Crude Palm Oil By Using Fuzzy Time Series Method (Study Case : PT. Buana Mudantara Plantation)’, *Parameter: Journal of Statistics*, 1(1), pp. 31–40. Available at: <https://doi.org/10.22487/27765660.2021.v1.i1.15442>.
- Rizki, A.M. *et al.* (2020) ‘Optimasi Perencanaan Produksi Agregat Multi-Product dengan Algoritme Genetika’, *Prosiding Seminar Nasional Informatika Bela Negara*, 1, pp. 55–59. Available at: <https://doi.org/10.33005/santika.v1i0.16>.
- Santi, I.H. and Saputra, A.R. (2019) ‘Prediksi Jumlah Permintaan Telur Ayam Menggunakan Metode Trend Moment’, *Informatika Mulawarman : Jurnal Ilmiah Ilmu Komputer*, 14(2), p. 111. Available at: <https://doi.org/10.30872/jim.v14i2.1986>.
- Savsani, P. *et al.* (2016) ‘Optimal Aggregate Production Planning by using Genetic Algorithm’.

- Singh, R.K., Panchal, V.K. and Singh, B.K. (2018) 'A review on Genetic Algorithm and Its Applications', in *2018 Second International Conference on Green Computing and Internet of Things (ICGCIoT)*. *2018 Second International Conference on Green Computing and Internet of Things (ICGCIoT)*, Bangalore, India: IEEE, pp. 376–380. Available at: <https://doi.org/10.1109/ICGCIoT.2018.8753030>.
- Syahputra, D.R. and Arifudin, R. (2019) 'Forecasting World Crude Oil Prices using the Fuzzy Time Series Method with a Comparison of the Chen and Lee Model'.
- Tayyeh, S.O. and Hussien, S.J.A. (2018) 'Aggregate planning, Transportation model, Seasonal ARIMA, the bottom-up approach'.
- Tayyeh, Suhada.O. and Hussien, S.J.A. (2018) 'Aggregate planning, Transportation model, Seasonal ARIMA, the bottom-up approach'.
- Thi, N.T., Dung, T.T.M. and Cuc, V.T.K. (2019) 'Sustainability Perspective in an Aggregate Production Planning Model with Fuzzy Parameters'.
- Tinungki, G.M. (2019) 'The analysis of partial autocorrelation function in predicting maximum wind speed', *IOP Conference Series: Earth and Environmental Science*, 235, p. 012097. Available at: <https://doi.org/10.1088/1755-1315/235/1/012097>.
- Trost, M., Claus, T. and Herrmann, F. (2022) 'Social Sustainability in Production Planning: A Systematic Literature Review', *Sustainability*, 14(13), p. 8198. Available at: <https://doi.org/10.3390/su14138198>.
- Utami, H.N.F. and Darwis, S. (2021) 'Peramalan Vibrasi Bearing Melalui Sisa Usia Pakai Menggunakan Regresi Eksponensial', 7(2).
- Verma, S., Pant, M. and Snasel, V. (2021) 'A Comprehensive Review on NSGA-II for Multi-Objective Combinatorial Optimization Problems', *IEEE Access*, 9, pp. 57757–57791. Available at: <https://doi.org/10.1109/ACCESS.2021.3070634>.
- Wirawan, I.M. *et al.* (2021) 'Fuzzy Time Series Method Comparison of Chen and Cheng Models to Predict Chili Prices', in *2021 7th International Conference on Electrical, Electronics and Information Engineering (ICEEIE)*. *2021 7th International Conference on Electrical, Electronics and Information*

*Engineering (ICEEIE)*, Malang, Indonesia: IEEE, pp. 541–546. Available at: <https://doi.org/10.1109/ICEEIE52663.2021.9616907>.

Yuliasuti, G.E. *et al.* (2019) ‘Optimization of Multi-Product Aggregate Production Planning using Hybrid Simulated Annealing and Adaptive Genetic Algorithm’, *International Journal of Advanced Computer Science and Applications*, 10(11). Available at: <https://doi.org/10.14569/IJACSA.2019.0101167>.

Zhang, Z. and Lu, B. (2021) ‘Improving NSGA-II by a Local Search Strategy with Gaussian Mutation’, in *2021 40th Chinese Control Conference (CCC). 2021 40th Chinese Control Conference (CCC)*, Shanghai, China: IEEE, pp. 1628–1633. Available at: <https://doi.org/10.23919/CCC52363.2021.9550337>.

Zhao, Yuzhou *et al.* (2022) ‘Modified Demand Response Market for Carbon Emission Control’, in *2022 4th International Conference on Electrical Engineering and Control Technologies (CEEET). 2022 4th International Conference on Electrical Engineering and Control Technologies (CEEET)*, Shanghai, China: IEEE, pp. 830–834. Available at: <https://doi.org/10.1109/CEEET55960.2022.10030303>.

