

DAFTAR PUSTAKA

- Akjiratikarl, C., Yenradee, P., and Drake, P. R., 2007, PSO-based algorithm for home care worker scheduling in the UK. *Computers & Industrial Engineering*, Vol.53, No.4, pp.559–583.
- Alfares, H. K., 2023, Introduction to Optimization Models and Techniques. *Applied Optimization in the Petroleum Industry*, pp.25–53.
- Alkaabneh, F., and Diabat, A., 2023, A multi-objective home healthcare delivery model and its solution using a branch-and-price algorithm and a two-stage meta-heuristic algorithm. *Transportation Research Part C: Emerging Technologies*, Vol.147, pp.103838.
- Bard, J. F., Shao, Y., Qi, X., and Jarrah, A. I., 2014, The traveling therapist scheduling problem. Volume 46, Issue 7, Pages 683 - 706, Vol.46, No.7, pp.683–706.
- Begur, S. V., Miller, D. M., and Weaver, J. R., 1997, An Integrated Spatial DSS for Scheduling and Routing Home-Health-Care Nurses. *Interfaces*, Vol.27, No.4, pp.35–48.
- Bertels, S., and Fahle, T., 2006, A hybrid setup for a hybrid scenario: combining heuristics for the home health care problem. *Computers & Operations Research*, Vol.33, No.10, pp.2866–2890.
- Bhattarai, S., 2020, Multi-period Home Healthcare Routing Problem (HHCRP) with qualification, synchronization and time windows constraints.
- Bowers, J., Cheyne, H., Mould, G., and Page, M., 2015, Continuity of care in community midwifery. *Health care management science*, Vol.18, No.2, pp.195–204.
- Braekers, K., Hartl, R. F., Parragh, S. N., and Tricoire, F., 2016, A bi-objective home care scheduling problem: Analyzing the trade-off between costs and client inconvenience. *European Journal of Operational Research*, Vol.248, No.2, pp.428–443.
- Cappanera, P., and Scutellà, M. G., 2013, Home Care optimization: impact of pattern generation policies on scheduling and routing decisions. *Electronic Notes in Discrete Mathematics*, Vol.41, pp.53–60.
- Cheng, E., and Rich, J., 1998, A Home Health Care Routing and Scheduling Problem.
- Chopra, S., and Meindl, P., 2013, *Supply Chain Management: Strategy, Planning, and Operation* (5th ed.). Pearson Education.
- Cinar, A., Salman, F. S., and Bozkaya, B., 2021, Prioritized single nurse routing and scheduling for home healthcare services. *European Journal of Operational Research*, Vol.289, No.3, pp.867–878.

- Cissé, M., Yalçındağ, S., Kergosien, Y., Şahin, E., Lenté, C., and Matta, A., 2017, OR problems related to Home Health Care: A review of relevant routing and scheduling problems. *Operations Research for Health Care*, Vol.13–14, pp.1–22.
- Cochran, A. L., McDonald, N. C., Prunkl, L., Vinella-Brusher, E., Wang, J., Oluyede, L., and Wolfe, M., 2022, Transportation barriers to care among frequent health care users during the COVID pandemic. *BMC Public Health*, Vol.22, No.1, pp.1783.
- Cook, W. J., Cunningham, W. H., Pulleyblank, W. R., and Schrijver, A., 1997, *Combinatorial Optimization*. Wiley.
- Dantzig, G. B., and Ramser, J. H., 1959, The Truck Dispatching Problem. *Management Science*, Vol.6, No.1, pp.80–91.
- Di Mascolo, M., Martinez, C., and Espinouse, M.-L., 2021, Routing and scheduling in Home Health Care: A literature survey and bibliometric analysis. *Computers & Industrial Engineering*, Vol.158, pp.107255.
- Euchi, J., Masmoudi, M., and Siarry, P., 2022, Home health care routing and scheduling problems: a literature review. *4OR*, Vol.20, No.3, pp.351–389.
- Euchi, J., Zidi, S., and Laouamer, L., 2020, A Hybrid Approach to Solve the Vehicle Routing Problem with Time Windows and Synchronized Visits In-Home Health Care. *Arabian Journal for Science and Engineering*, Vol.45, .
- Eveborn, P., Flisberg, P., and Rönnqvist, M., 2006, Laps Care—an operational system for staff planning of home care. *European Journal of Operational Research*, Vol.171, No.3, pp.962–976.
- Fathollahi-Fard, A. M., Hajiaghaei-Keshteli, M., and Tavakkoli-Moghaddam, R. U. of T., 2018, A Lagrangian Relaxation-based Algorithm to Solve a Home Health Care Routing Problem. *International Journal of Engineering*, Vol.31, No.10, .
- Fikar, C., and Hirsch, P., 2017, Home health care routing and scheduling: A review. *Computers & Operations Research*, Vol.77, pp.86–95.
- Ghiasvand Ghiasi, F., Yazdani, M., Vahdani, B., and Kazemi, A., 2021, Multi-depot home health care routing and scheduling problem with multimodal transportation: Mathematical model and solution methods. *Scientia Iranica*, Vol.0, No.0, pp.0–0.
- Grenouilleau, F., Lahrichi, N., and Rousseau, L.-M., 2019a, New Decomposition Methods for Home Care Scheduling with Predefined Visits. *Computers & Operations Research*, Vol.115, pp.104855.
- Grenouilleau, F., Legrain, A., Lahrichi, N., and Rousseau, L.-M., 2019b, A set partitioning heuristic for the home health care routing and scheduling problem. *European Journal of Operational Research*, Vol.275, No.1, pp.295–303.
- Grieco, L., Utley, M., and Crowe, S., 2021, Operational research applied to decisions in home health care: A systematic literature review. *Journal of the Operational Research Society*, Vol.72, No.9, pp.1960–1991.
- Groër, C., Golden, B., and Wasil, E., 2009, The Consistent Vehicle Routing Problem. *Manufacturing & Service Operations Management*, Vol.11, No.4, pp.630–643.

- Guo, M., and Shah, N., 2015, Bringing Non-energy Systems into a Bioenergy Value Chain Optimization Framework. *Computer Aided Chemical Engineering*, Vol.37, pp.2351–2356.
- Heching, A., Hooker, J. N., and Kimura, R., 2019, A Logic-Based Benders Approach to Home Healthcare Delivery. *Transportation Science*, Vol.53, No.2, pp.510–522.
- Heckman, K., 2024, July 29, Haversine - Distance.
- Jemai, J., Chaieb, M., and Mellouli, K., 2013, The Home Care Scheduling Problem: A modeling and solving issue. 2013 5th International Conference on Modeling, Simulation and Applied Optimization (ICMSAO) (pp. 1–6). IEEE.
- Jourdan, L., Basseur, M., and Talbi, E.-G., 2009, Hybridizing exact methods and metaheuristics: A taxonomy. *European Journal of Operational Research*, Vol.199, No.3, pp.620–629.
- Keeney, R. L., 1988, Building models of values. *European Journal of Operational Research*, Vol.37, No.2, pp.149–157.
- Kemenkes, 2018, Hasil Utama Riskesdas 2018.
- Kementrian Kesehatan Republik Indonesia, 2018, Analisis Beban Penyakit Nasional dan Sub Nasional Indonesia 2017.
- Kolen, A. W. J., Rinnooy Kan, A. H. G., and Trienekens, H. W. J. M., 1987, Vehicle routing with time windows. *Operations research*, Vol.35, No.2, pp.266–273.
- Korte, B., and Vygen, J., 2012, *Combinatorial Optimization* (Vol. 21). Berlin, Heidelberg: Springer Berlin Heidelberg.
- Landers, S., Madigan, E., Leff, B., Rosati, R. J., McCann, B. A., Hornbake, R., MacMillan, R., Jones, K., Bowles, K., Dowding, D., Lee, T., Moorhead, T., Rodriguez, S., and Breese, E., 2016, The Future of Home Health Care. *Home Health Care Management & Practice*, Vol.28, No.4, pp.262–278.
- Laporte, G., 1992, The vehicle routing problem: An overview of exact and approximate algorithms. *European Journal of Operational Research*, Vol.59, No.3, pp.345–358.
- Laporte, G., and Nobert, Y., 1987, Exact Algorithms for the Vehicle Routing Problem (pp. 147–184).
- Lenstra, J. K., and Kan, A. H. G. R., 1981, Complexity of vehicle routing and scheduling problems. *Networks*, Vol.11, No.2, pp.221–227.
- Li, Y., Xiang, T., and Szeto, W. Y., 2021, Home health care routing and scheduling problem with the consideration of outpatient services. *Transportation Research Part E: Logistics and Transportation Review*, Vol.152, pp.102420.
- Lin, C.-C., Hung, L.-P., Liu, W.-Y., and Tsai, M.-C., 2018, Jointly rostering, routing, and rerostering for home health care services: A harmony search approach with genetic, saturation, inheritance, and immigrant schemes. *Computers & Industrial Engineering*, Vol.115, pp.151–166.
- Liu, R., Xie, X., Augusto, V., and Rodriguez, C., 2013, Heuristic algorithms for a vehicle routing problem with simultaneous delivery and pickup and time

- windows in home health care. *European Journal of Operational Research*, Vol.230, No.3, pp.475–486.
- Lynch, T., Connor, S., and Clark, D., 2013, Mapping Levels of Palliative Care Development: A Global Update. *Journal of Pain and Symptom Management*, Vol.45, No.6, pp.1094–1106.
- Mankowska, D. S., Meisel, F., and Bierwirth, C., 2014a, The home health care routing and scheduling problem with interdependent services. *Health Care Management Science*, Vol.17, No.1, pp.15–30.
- Mankowska, D. S., Meisel, F., and Bierwirth, C., 2014b, The home health care routing and scheduling problem with interdependent services. *Health Care Management Science*, Vol.17, No.1, pp.15–30.
- Marcon, E., Chaabane, S., Sallez, Y., and Bonte, T., 2017, Caregivers routing problem in home health care: Literature review. *Studies in Computational Intelligence*, Vol.694, pp.319–326.
- Misir, M., Smet, P., and Vanden Berghe, G., 2015, An analysis of generalised heuristics for vehicle routing and personnel rostering problems. *Journal of the Operational Research Society*, Vol.66, No.5, pp.858–870.
- Moussavi, S. E., Mahdjoub, M., and Grunder, O., 2019, A matheuristic approach to the integration of worker assignment and vehicle routing problems: Application to home healthcare scheduling. *Expert Systems with Applications*, Vol.125, pp.317–332.
- Nickel, S., Schröder, M., and Steeg, J., 2012, Mid-term and short-term planning support for home health care services. *European Journal of Operational Research*, Vol.219, No.3, pp.574–587.
- O'Connor, M., Hanlon, A., Naylor, M. D., and Bowles, K. H., 2015, The impact of home health length of stay and number of skilled nursing visits on hospitalization among Medicare-reimbursed skilled home health beneficiaries. *Research in nursing & health*, Vol.38, No.4, pp.257–67.
- Papadimitriou, C., and Steiglitz, K., 1982, Combinatorial Optimization: Algorithms and Complexity. *IEEE Transactions on Acoustics, Speech, and Signal Processing* (Vol. 32).
- Putranto, R., Mudjaddid, E., Shatri, H., Adli, M., and Martina, D., 2017, Development and challenges of palliative care in Indonesia: role of psychosomatic medicine. *BioPsychoSocial Medicine*, Vol.11, No.1, pp.29.
- Rasmussen, M. S., Justesen, T., Dohn, A., and Larsen, J., 2012, The Home Care Crew Scheduling Problem: Preference-based visit clustering and temporal dependencies. *Volume 219, Issue 3, Pages 598 - 610*, Vol.219, No.3, pp.598–610.
- Rest, K.-D., and Hirsch, P., 2016, Daily scheduling of home health care services using time-dependent public transport. *Flex Serv Manuf J*, Vol.28, pp.495–525.
- Romagnoli, K. M., Handler, S. M., and Hochheiser, H., 2013, Home care: more than just a visiting nurse. *BMJ Quality & Safety*, Vol.22, No.12, pp.972–974.

- Rothlauf, F., 2011, Optimization Methods. Design of Modern Heuristics: Principles and Application (pp. 45–102). Berlin, Heidelberg: Springer Berlin Heidelberg.
- Sargent, R. G., 1998, Verification and validation of simulation models. 1998 Winter Simulation Conference. Proceedings (Cat. No.98CH36274) (Vol. 1, pp. 121–130 vol.1).
- Sepúlveda, C., Marlin, A., Yoshida, T., and Ullrich, A., 2002, Palliative Care: The World Health Organization's Global Perspective. *Journal of Pain and Symptom Management*, Vol.24, No.2, pp.91–96.
- Shi, Y., Boudouh, T., and Grunder, O., 2017, A hybrid genetic algorithm for a home health care routing problem with time window and fuzzy demand. *Expert Systems with Applications*, Vol.72, pp.160–176.
- The Economist Intelligence Unit, 2015, 2015 Quality of Death Index.
- Titaley, C. R., Hunter, C. L., Heywood, P., and Dibley, M. J., 2010, Why don't some women attend antenatal and postnatal care services?: a qualitative study of community members' perspectives in Garut, Sukabumi and Ciamis districts of West Java Province, Indonesia. *BMC Pregnancy and Childbirth*, Vol.10, No.1, pp.61.
- Trautsamwieser, A., and Hirsch, P., 2011, Optimization of daily scheduling for home health care services. *Journal of Applied Operational Research*, Vol.3, No.3, pp.124–136. Retrieved from www.tadbir.ca
- Van Hentenryck, P., Saraswat, V., Borning, A., Brodsky, A., Codognet, P., Dechter, R., Dincbas, M., Freuder, E., Hermenegildo, M., Jaffar, J., Kasif, S., Lassez, J. L., McAllester, D., McAloon, K., Mackworth, A., Montanari, U., Older, W., Puget, J. F., Ramakrishnan, R., Rossi, F., *et al.*, 1996, Strategic directions in constraint programming. *ACM Computing Surveys*, Vol.28, No.4, pp.701–726.
- WHO, 2002, National cancer control programmes: policies and managerial guidelines. World Health Organization.
- WHO, 2020, WHO methods and data sources for global burden of disease estimates 2000-2019.
- WHO, 2023, Noncommunicable diseases.
- WHPA, 2022, WHPA Annual Report 2022.
- Wirnitzer, J., Heckmann, I., Meyer, A., and Nickel, S., 2016, Patient-based nurse rostering in home care. *Operations Research for Health Care*, Vol.8, pp.91–102.
- Wismadi, H. N., 2023, Pengembangan Model Optimasi Postnatal Home Health Care Routing Dengan Mempertimbangkan Continuity of Care Dan Time Windows.