

## DAFTAR PUSTAKA

- Abadi, M., Agarwal, A., Barham, P., Brevdo, E., Chen, Z., Citro, C., Corrado, G., Davis, A., Dean, J., Devin, M., Ghemawat, S., Goodfellow, I., Harp, A., Irving, G., Isard, M., Jia, Y., Jozefowicz, R., Kaiser, L., Kudlur, M., Levenberg, J., Mané, D., Monga, R., Moore, S., Murray, D., Olah, C., Schuster, M., Shlens, J., Steiner, B., Sutskever, I., Talwar, K., Tucker, P., Vanhoucke, V., Vasudevan, V., Viégas, F., Vinyals, O., Warden, P., Wattenberg, M., Wicke, M., Yu, Y., and Zheng, X. (2015). Tensorflow: Large-scale machine learning on heterogeneous distributed systems.
- Bahdanau, D., Cho, K., and Bengio, Y. (2014). Neural machine translation by jointly learning to align and translate. *ArXiv*, 1409.
- Baker, B. M. and Ayechev, M. (2003). A genetic algorithm for the vehicle routing problem. *Computers & Operations Research*, 30(5):787–800.
- Bello, I., Pham, H., Le, Q. V., Norouzi, M., and Bengio, S. (2016). Neural combinatorial optimization with reinforcement learning. *arXiv preprint arXiv:1611.09940*.
- Cho, K., Courville, A., and Bengio, Y. (2015). Describing multimedia content using attention-based encoder-decoder networks. *IEEE Transactions on Multimedia*, 17.
- Cho, K., Van Merriënboer, B., Gulcehre, C., Bahdanau, D., Bougares, F., Schwenk, H., and Bengio, Y. (2014). Learning phrase representations using rnn encoder-decoder for statistical machine translation. *arXiv preprint arXiv:1406.1078*.
- Cordeau, J.-F., Laporte, G., and Mercier, A. (2001). A unified tabu search heuristic for vehicle routing problems with time windows. *Journal of the Operational research society*, 52(8):928–936.
- Dai, H., Khalil, E., Yuyu, Z., Dilkina, B., and Song, L. (2017). Learning combinatorial optimization algorithms over graphs. *Advances in neural information processing systems*.
- Dantzig, G. B. and Ramser, J. H. (1959). The truck dispatching problem. *Management science*, 6(1):80–91.
- Daoun, D., Ibnat, F., Alom, Z., Aung, Z., and Azim, M. A. (2021). Reinforcement learning: A friendly introduction. In *The International Conference on Deep Learning, Big Data and Blockchain*, pages 134–146. Springer.

- Delarue, A., Anderson, R., and Tjandraatmadja, C. (2020). Reinforcement learning with combinatorial actions: An application to vehicle routing. *Advances in Neural Information Processing Systems*, 33:609–620.
- Google (2016). <https://github.com/google/or-tools>. or-tools.
- Hahnloser, R. H., Sarpeshkar, R., Mahowald, M. A., Douglas, R. J., and Seung, H. S. (2000). Digital selection and analogue amplification coexist in a cortex-inspired silicon circuit. *nature*, 405(6789):947–951.
- Hochreiter, S. and Schmidhuber, J. (1997). Long short-term memory. *Neural computation*, 9(8):1735–1780.
- Howard, R. A. (1960). Dynamic programming and markov processes.
- Joe, W. and Lau, H. C. (2020). Deep reinforcement learning approach to solve dynamic vehicle routing problem with stochastic customers. In *Proceedings of the international Conference on Automated Planning and Scheduling*, volume 30, pages 394–402.
- Kingma, D. P. and Ba, J. (2014). Adam: A method for stochastic optimization. *arXiv preprint arXiv:1412.6980*.
- Konda, V. and Tsitsiklis, J. (1999). Actor-critic algorithms. *Advances in neural information processing systems*, 12.
- Lenstra, J. K. and Kan, A. R. (1981). Complexity of vehicle routing and scheduling problems. *Networks*, 11(2):221–227.
- Li, J., Li, Y., and Pardalos, P. M. (2016). Multi-depot vehicle routing problem with time windows under shared depot resources. *Journal of combinatorial optimization*, 31(2):515–532.
- Li, J., Ma, Y., Gao, R., Cao, Z., Lim, A., Song, W., and Zhang, J. (2021). Deep reinforcement learning for solving the heterogeneous capacitated vehicle routing problem. *IEEE Transactions on Cybernetics*.
- Lin, B., Ghaddar, B., and Nathwani, J. (2021). Deep reinforcement learning for the electric vehicle routing problem with time windows. *IEEE Transactions on Intelligent Transportation Systems*.

- Luo, J. and Chen, M.-R. (2014). Multi-phase modified shuffled frog leaping algorithm with extremal optimization for the mdvrp and the mdvrptw. *Computers & Industrial Engineering*, 72:84–97.
- Meira, L. A., Martins, P. S., Menzori, M., and Zeni, G. A. (2020). How to assess your smart delivery system?: Benchmarks for rich vehicle routing problems. In *Smart Delivery Systems*, pages 227–247. Elsevier.
- Nallapati, R., Zhou, B., Gulcehre, C., Xiang, B., et al. (2016). Abstractive text summarization using sequence-to-sequence rnns and beyond. *arXiv preprint arXiv:1602.06023*.
- Nazari, M., Oroojlooy, A., Snyder, L., and Takác, M. (2018). Reinforcement learning for solving the vehicle routing problem. *Advances in neural information processing systems*, 31.
- Paszke, A., Gross, S., Massa, F., Lerer, A., Bradbury, J., Chanan, G., Killeen, T., Lin, Z., Gimelshein, N., Antiga, L., et al. (2019). Pytorch: An imperative style, high-performance deep learning library. *Advances in neural information processing systems*, 32.
- Sutskever, I., Vinyals, O., and Le, Q. V. (2014). Sequence to sequence learning with neural networks. *Advances in neural information processing systems*, 27.
- Sutton, R. S. and Barto, A. G. (2018). *Reinforcement learning: An introduction*. MIT press.
- Toharudin, T., Pontoh, R. S., Caraka, R. E., Zahroh, S., Lee, Y., and Chen, R. C. (2020). Employing long short-term memory and facebook prophet model in air temperature forecasting. *Communications in Statistics-Simulation and Computation*, pages 1–24.
- Vaswani, A., Shazeer, N., Parmar, N., Uszkoreit, J., Jones, L., Gomez, A. N., Kaiser, Ł., and Polosukhin, I. (2017). Attention is all you need. *Advances in neural information processing systems*, 30.
- Vinyals, O., Fortunato, M., and Jaitly, N. (2015). Pointer networks. *Advances in neural information processing systems*, 28.

Wang, X., Xu, C., and Shang, H. (2008). Multi-depot vehicle routing problem with time windows and multi-type vehicle number limits and its genetic algorithm. In *2008 4th International Conference on Wireless Communications, Networking and Mobile Computing*, pages 1–5. IEEE.

Zhang, K., He, F., Zhang, Z., Lin, X., and Li, M. (2020). Multi-vehicle routing problems with soft time windows: A multi-agent reinforcement learning approach. *Transportation Research Part C: Emerging Technologies*, 121:102861.