

## REFERENCES

- Ai, T. J., & Kachitvichyanukul, V., 2009, Particle swarm optimization and two solution representations for solving the capacitated vehicle routing problem. *Computers & Industrial Engineering*, 56(1), 380-387. doi:10.1016/j.cie.2008.06.012.
- Augerat, P., Belenguer, J. M., Benavent, E., Corberan, A., Naddef, D., & Rinaldi, G., 1995, *Computational Results with a Branch-and-Cut Code for the Capacitated Vehicle Routing Problem*, Retrieved from Grenoble, France.
- Autor, D. M., 2011, Securing the Pharmaceutical Supply Chain, <http://www.fda.gov/NewsEvents/Testimony/ucm271073.htm>, online accessed on March 23, 2016.
- Baker, B. M., & Ayechev, M. A., 2003, A genetic algorithm for the vehicle routing problem, *Computers & Operations Research*, vol. 30, pp. 787–800.
- Bell, J. E., & McMullen P. R., 2004, Ant colony optimization techniques for the vehicle routing problem, *Advanced Engineering Informatics*, vol. 18, pp. 41-48.
- Berger, J., & Barkaoui, M., 2003, A new hybrid genetic algorithm for the capacitated vehicle routing problem, *Journal of the Operational Research Society*, vol. 54, pp. 1254–1262.
- Brandao, J., 2004, A tabu search algorithm for the open vehicle routing problem, *European Journal of Operational Research*, vol. 157(3), pp. 552-564.
- Bullnheimer, R., Hartl, F., & Strauss, C, 1999, An improved ant system algorithm for the vehicle routing problem, *Annals of Operations Research*, vol. 89, pp. 319–328.
- Chen, A. L., Yang, G. K., & Z.M, W, 2006, Hybrid discrete particle swarm optimization algorithm for capacitated vehicle routing problem, *Journal of Zhejiang University SCIENCE A*, vol. 7(4), pp. 607-614.

- Christofides, N., Mingozzi, A., & Toth, P., 1979, *Combinatorial Optimization*.  
Chichester, UK: John Wiley & Sons.
- Cordeau, J. F., Laporte, G., Savelsbergh, M. W. P., & Vigo, D., 2007, *Vehicle Routing Handbook in OR & MS* (Vol. 14): Elsevier B. V.
- Dantzig, G. B., & Ramser, J. H., 1959, The Truck Dispatching Problem, *Management Science*, vol. 6(1), pp. 80-91.
- Engelbrecht, A. P., 2007, *Computational Intelligence: An Introduction*, 2nd Edition: John Wiley and Sons.
- Fu, Z., Eglese, R. and Li, L.Y.O., 2005, A new tabu search heuristic for the open vehicle routing problem, *Journal of the Opl Res. Soc.*, vol. 56, pp. 267–274.
- Fu, Z., Eglese, R. and Li, L.Y.O., 2006, Corrigendum to ‘A new tabu search heuristic for the open vehicle routing problem’, *J. of the Opl Res. Soc.*, vol. 57, pp. 1018.
- Gendreau, M., Hertz, A., & Laporte, G., 1994, A Tabu Search Heuristic for the Vehicle-Routing Problem, *Management Science*, vol. 40(10), pp. 1276-1290.
- Goksal, F. P., Karaoglan, I., & Altiparmak, F., 2013, A hybrid discrete particle swarm optimization for vehicle routing problem with simultaneous pickup and delivery, *Computers & Industrial Engineering*, vol. 65(1), pp. 39-53.
- Halim, C., 2015, *Minimum Cost Vertex-Disjoint Path Cover Problem*, (Master of Business Administration), National Taiwan University of Science and Technology, Taiwan.
- Kennedy, J., & Eberhart, R., 1995, Particle swarm optimization. *1995 Ieee International Conference on Neural Networks Proceedings*, vol. 1-6, pp. 1942-1948.
- Kim, B. I., & Son, S. J., 2012, A probability matrix based particle swarm optimization for the capacitated vehicle routing problem, *Journal of Intelligent Manufacturing*, vol. 23(4), pp. 1119-1126.
- Kuckelhaus, M., & Terhoeven, M., 2013, *Key Logistics Trends in Life Sciences 2020+*. Retrieved from Germany.

- Laporte, G., 1992, The Vehicle Routing Problem: an Overview of exact and approximate algorithms, *European Journal of Operation Research*, vol. 59, pp. 345-358.
- Laporte, G., Nobert, Y., & Taillefer, S., 1987, A Branch-and-Bound Algorithm for the Asymmetrical Distance-Constrained Vehicle Routing Problem, *Mathematical Modelling*, vol. 9(12), pp. 857-868.
- Lenstra, J. K., & Kan, A. H. G., 1981, Complexity of vehicle routing and scheduling problems, *Networks*, vol. 11, pp. 221-227.
- Letchford, A., Lysgaard, J., & Eglese, R. W., 2007, A branch-and-cut algorithm for the capacitated open vehicle routing problem, *Journal of Operation Research Society*, vol. 58, pp. 1624–1651.
- Li, F., Golden, B., and Wasil, E., 2006, The open vehicle routing problem: algorithms, large-scale test problems, and computational results, *Journal of Computers & Operations Research*, vol. 37(4), pp. 712-723.
- Lin, C. H., Choy, K. L., Ho, G. T. S., Chung, S. H., & Lam, H. Y., 2014, Survey of Green Vehicle Routing Problem: Past and future trends, *Expert Systems with Applications*, vol. 41(4), pp. 1118-1138.
- Marinakis, Y., Marinaki, M., & Dounias, G., 2010, A hybrid particle swarm optimization algorithm for the vehicle routing problem, *Engineering Applications of Artificial Intelligence*, vol. 23, pp. 463–472.
- MirHassani, S. A., & Abolghasemi, N., 2011, A particle swarm optimization algorithm for open vehicle routing problem, *Expert Systems with Applications*, vol. 38(9), pp. 11547-11551.
- Osman, I. H., 1993, Metastrategy Simulated Annealing and Tabu Search Algorithms for the Vehicle Routing Problem, *Annals of Operation Research*, vol. 41, pp. 421-451.
- Repoussis, P., Tarantilis, C., & Ioannou, G., 2007, *An Evolutionary Algorithm for the Open Vehicle Routing Problem with Time Windows*. In Pereira, F. Baptista, Tavares, & Jorge (Eds.), *Bio-inspired Algorithms for the Vehicle Routing Problem*: Springer.

- Sariklis, D., & Powell, S., 2000, A heuristic method for the open vehicle routing problem, *Journal of the Operational Research Society*, vol. 51(5), pp. 564-573.
- Sariklis, D., & Powell, S., 2007, A heuristic method for the open vehicle routing problem, *Journal of Operation Research Society*, vol. 51, pp. 355–367.
- Syslo, M. M., Deo, N., & Kowalik, J. S., 1983, *Discrete optimization algorithms: with pascal programs*, Courier Dover Publications.
- Toth, V., & Vigo, D., 2002, *The Vehicle Routing Problem*, Society for Industrial and Applied Mathematics.
- Xu, S. H., Liu, J. P., Zhang, F. H., Wang, L., & Sun, L. J., 2015, A Combination of Genetic Algorithm and Particle Swarm Optimization for Vehicle Routing Problem with Time Windows, *Sensors*, vol. 15.