

REFERENCES

- Abdelmaguid, T. F. 2004. **Heuristic approaches for the integrated inventory distribution Problem**. Doctoral dissertation, Department of Industrial and Systems Engineering, University of Southern California, Los Angeles, U.S.A.
- Abdelmaguid, T. F. and Dessouky, M. M. 2006. Genetic Algorithm Approach to the Integrated Inventory-distribution Problem. **International Journal of Production Research** 44: 4445-4464.
- Adelman D. 2004. A Price-Directed Approach to Stochastic Inventory/Routing **Operations Research** 52(4): 499-514.
- Aghezzaf, E.H., Raa, B. and Landeghem, H.V. 2006. Modeling inventory routing problems in supply chains of high consumption products, **European Journal of Operational Research** 169: 1048-1063.
- Al-Khayyal, F. and Hwang, S.J. 2005. Inventory constrained maritime routing and scheduling for multi-commodity liquid bulk, Part I: Applications and model **European Journal of Operational Research** 176(1): 106-130.
- Anily, S. and Bramel, J. 2004. An asymptotic 98.5%-effective lower bound on fixed partition policies for the inventory-routing problem. **Discrete Applied Mathematics** 145: 22-39.
- Anily, S. and Federgruen, A. 1990. One Warehouse Multiple Retailer Systems with Vehicle Routing Costs. **Management Science** 36(1): 92-114.
- Anily, S., and Federgruen, A. 1993. Two-echelon Distribution Systems with Vehicle Routing Costs and Central Inventories. **Operations Research** 41(1): 37-47.
- Anily, S. 1994. The General Multi-retailer EOQ Problem with Vehicle Routing Costs. **European Journal of Operational Research** 79: 451-473.
- Bard, J.F., Huang, L. and Jaillet, H. 1998. A Decomposition Approach to the Inventory Routing Problem with Satellite Facilities. **Transportation Science** 32(2): 189-203.

- Bard, J.F. and Nananukul, N. 2009. Heuristics for a Multiperiod Inventory Routing Problem with Production Decisions. **Computers & Industrial Engineering** in press, doi: 10.1016/j.cie.2009.01.020
- Bertazzi, L., G. Paletta and M.G. Speranza 2002. Deterministic Order-up-to Level Policies in an Inventory Routing Problem. **Transportation Science** 36: 119–132.
- Bertazzi, L., G. Paletta and M.G. Speranza 2005. Minimizing the Total Cost in an Integrated Vendor-Managed Inventory System. **Journal of Heuristics** 11: 393–419.
- Campbell, A., Clarke, L. and Savelsbergh, M. 2002. Inventory routing in practice. The Vehicle Routing Problem (Toth, P. and Vigo, D., eds.): 309–330, **SIAM Monographs on Discrete Mathematics and Applications**.
- Campbell, A. and Savelsbergh, M. 2004. Delivery Volume Optimization. **Transportation Science** 38(2): 210–223.
- Chan, L.M.A., Federgruen, A. and Simchi-Levi, D. 1998. Probabilistic Analyses and Practical Algorithms for Inventory-Routing Models. **Operations Research** 46(1): 96-106.
- Chan, L.M.A. and Simchi-Levi, D. 1998. Probabilistic Analyses and Algorithms for Three-Level Distribution Systems. **Management Science** 44 (11): 1562-1576.
- Chandra, P. and Fisher, M.L. 1994. Coordination of Production and Distribution Planning. **European Journal of Operational Research** 72: 503-517.
- Chaovalitwongse, P. 2000. **Integrating Transportation and Inventory Decisions in a Multi-Warehouse Multi-Retailer System with stochastic demand**. Doctoral dissertation, Department of Industrial and Systems Engineering, University of Florida, Gainesville, U.S.A.
- Chien, T.W., Balakrishnan, A. and Wong, R.T. 1989. An Integrated Inventory Allocation and Vehicle Routing Problem. **Transportation Science** 23(2): 67-76.
- Dijkstra, E. W. 1959. A note on two problems in connection with graphs. **Numerische Mathematik** 1: 269–271.

- Federgruen, A. and Zipkin, P. 1984. A Combined Vehicle Routing and Inventory Allocation Problem. **Operations Research** 32(5): 1019-1037.
- Gallego, G. and Simchi-Levi, D. 1990. On the Effectiveness of Direct Shipping Strategy for The One-Warehouse Multi-retailer R-systems. **Management Science** 36(2): 240-243.
- Hong Deng, C. 2004. **A Period Inventory Routing Problem and Its Implication in Designing the Distribution Structure in a Supply Chain**. Doctoral dissertation, The city university Of New York: U.S.A.
- Kleywegt, A. J., Nori, V. S. and Savelsbergh, M.W.P. The Stochastic Inventory Routing Problem with Direct Deliveries. **Transportation Science** 36(1): 94-118.
- Qu, W.W., Bookbinder, J.H. and Iyogun, P. 1999. An Integrated Inventory-Transportation System with Modified Periodic Policy for Multiple Products. **European Journal of Operational Research** 115: 254-269.
- Ronen, D. 2002. Marine inventory routing: shipments planning **Journal of the Operational Research Society** 53: 108-114.
- Rusdiansyah, A. and Tsao, D. 2005. An integrated model of the periodic delivery problems for vending-machine supply chains. **Journal of Food Engineering** 70: 421-434.
- Savelsbergh, M.W.P. and Song, J.H. 2007. Inventory routing with continuous moves. **Computers & OR** 34(6): 1744-1763.
- Sindhuchao, S., Romeijin, H.E. Akcali, E., and Boondiskulchok R. 2005. An Integrated Inventory-Routing System for Multi-item Joint Replenishment with Limited Vehicle Capacity. **Journal of Global Optimization** 32: 93-118.
- Viswanathan, S. and Mathur, K. 1997. Integrating routing and inventory decisions in one-warehouse multi-retailer multi-product distribution systems. **Management Science** 43(3): 294-312.
- Zhaoa, Q.H., Wangb, S.Y., Laic, K.K. and Xiaa, G.P. 2004. Model and algorithm of an inventory problem with the consideration of transportation cost. **Computers & Industrial Engineering** 46: 389-397.

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