Bibliography

[1] Abad, P.L. (1996). Optimal Pricing and Lot-Sizing Under Conditions of Perishability and Partial Backordering. Management Science, 42(8), 1093-1104.

[2] Abdollahi, H. and Talooni, M. (2016). Coordinating Contracts for Two-Echelon Supply Chain with Price and Promotional Sensitive Demand. Modern Applied Science, 10(7), 132-140.

[3] Aggarwal, S.P. and Jaggi, C.K. (1995). Ordering Policies of Deteriorating Items Under Permissible Delay in Payments. Journal of the Operational Research Society, 46(5), 658-662.

[4] Alfares, H.K. and Ghaithan, A.M. (2016). Inventory and pricing model with price-dependent demand, time-varying holding cost, and quantity discounts. Computers & Industrial Engineering, 94, 170-177.

[5] Arrow, K.J., Karlin, S. and Scarf, H.E. (1958). Studies in the mathematical theory of inventory and production. Stanford, Calif, Stanford University Press.

[6] Axsäter, S. and Zhang, W.-F. (1999). A joint replenishment policy for multi-echelon inventory control. International Journal of Production Economics, 59(1-3), 243-250.

[7] Bakker, M., Riezebos, J. and Teunter, R.H. (2012). Review of inventory systems with deterioration since 2001. European Journal of Operational Research, 221(2), 275-284.

[8] Bellman, R., Kalaba, R. and Zadeh, L.A. (1966). Abstraction and Pattern Classification. Journal of Mathematical Analysis and Applications, 13, 1-7.

[9] Bellman, R.E. and Zadeh, L.A. (1970). Decision-Making in a Fuzzy Environment. Management Sceince, 17(4), B-141–B-164.

[10] Bera, U.K., Maiti, M.K. and Maiti, M. (2012). Inventory model with fuzzy lead-time and dynamic demand over finite time horizon using a multi-objective genetic algorithm. Computers & Mathematics with Applications, 64(6), 1822-1838.

[11] Bessaou, M. and Siarry, P. (2001). A genetic algorithm with real-value coding to optimize multimodal continuous functions. Structural And Multidisciplinary Optimization, 23(1), 63-74.

[12] Bhunia, A.K. and Maiti, M. (1998). A two warehouse inventory model for deteriorating items with a linear trend in demand and shortages. Journal of the Operational Research Society, 49(3), 287-292.

[13] Bhunia, A.K. and Maiti, M. (1998). Deterministic inventory model for deteriorating items with finite rate of replenishment dependent on inventory level. Computers & Operations Research, 25(11), 997-1006.

[14] Bierman, H. and Thomas, J. (1977). Inventory decisions under inflationary conditions. Decision Sciences, 8(1), 151-155.

[15] Black, M. (1937). Vagueness, an exercise in logical analysis. Philosophy of Science, 4(4), 427-455.

[16] Borin, N., Farris, P.W. and Freeland, J.R. (1994). A Model for Determining Retail Product Category Assortment and Shelf Space Allocation. Decision Sciences, 25(3), 359-384.

[17] Bose, S., Goswami, A. and Chaudhuri, K.S. (1995). An EOQ Model for Deteriorating Items with Linear Time-dependent Demand Rate and Shortages Under Inflation and Time Discounting. Journal of the Operational Research Society, 46(6), 771-782.

[18] Brajevic, I. and Tuba, M. (2013). An upgraded artificial bee colony (ABC) algorithm for constrained optimization problems. Journal of Intelligent Manufacturing, 24(4), 729-740.

[19] Buckley, J.J. and Feuring, T. (2000). Fuzzy differential equations. Fuzzy Sets and Systems, 110(1), 43-54.

[20] Buzacott, J.A. (1975). Economic Order Quantities with Inflation. Journal of the Operational Research Society, 26(3), 553-558.

[21] Cadenas, J.M. and Verdegay, J.L. (2006). A primer on fuzzy optimization models and methods. Iranian Journal of Fuzzy Systems, 3(1), 1-21.

[22] Cárdenas-Barrón, L.E. (2001). The economic production quantity (EPQ) with shortage derived algebraically. International Journal of Production Economics, 70(3), 289-292.

[23] Cárdenas-Barrón, L.E. and Sana, S.S. (2015). Multi-item EOQ inventory model in a two-layer supply chain while demand varies with promotional effort. Applied Mathematical Modelling, 39(21), 6725-6737.

[24] Chakraborty, D., Garai, T., Jana, D.K. and Roy, T.K. (2017). A three-layer supply chain inventory model for non-instantaneous deteriorating item with inflation and delay in payments in random fuzzy environment. Journal of Industrial and Production Engineering, 34(6), 407-424.

[25] Chalco-Cano, Y. and Román-Flores, H. (2008). On new solutions of fuzzy differential equations. Chaos, Solitons & Fractals, 38(1), 112-119.

[26] Chalco-Cano, Y. and Román-Flores, H. (2009). Comparation between some approaches to solve fuzzy differential equations. Fuzzy Sets and Systems, 160(11), 1517-1527.

[27] Chang, H.-J. and Dye, C.-Y. (1999). An EOQ model for deteriorating items with time varying demand and partial backlogging. Journal of the Operational Research Society, 50(11), 1176-1182.

[28] Changdar, C., Maiti, M.K. and Maiti, M. (2013). A constrained solid tsp in fuzzy environment: two heuristic approaches. Iranian Journal of Fuzzy Systems, 10(1), 1-28.

[29] Chen, J. (2011). Returns with wholesale-price-discount contract in a newsvendor problem. International Journal of Production Economics, 130(1), 104-111.

[30] Chen, S.H. and Hsieh, C.H. (1999). Graded Mean Integration Representation of Generalized Fuzzy Number. Journal of the Chinese Fuzzy Systems Association, 5, 1-7.

[31] Chen, S.H. and Hsieh, C.H. (2000). Representation, ranking, distance, and similarity of L-R type fuzzy number and application. Australian Journal of Intelligent Proceedings Systems, 6, 217-229.

[32] Chowdhury, R.R., Ghosh, S.K. and Chaudhuri, K.S. (2014). An Order-Level Inventory Model for a Deteriorating Item with Time-Quadratic Demand and Time-Dependent Partial Backlogging with Shortages in All Cycles. American Journal of Mathematical and Management Sciences, 33(2), 75-97.

[33] Chu, P., Chung, K.-J. and Lan, S.-P. (1998). Economic order quantity of deteriorating items under permissible delay in payments. Computers & Operations Research, 25(10), 817-824.

[34] Chung, K.-J. and Huang, T.-S. (2007). The optimal retailer's ordering policies for deteriorating items with limited storage capacity under trade credit financing. International Journal of Production Economics, 106(1), 127-145.

[35] Churchman, C.W., Ackoff, R.L. and Arnoff, E.L. (1957). Introduction to Operations Research. Oxford, England: Wiley.

[36] Covert, R.P. and Philip, G.C. (1973). An EOQ Model for Items with Weibull Distribution Deterioration. AIIE Transactions, 5(4), 323-326.

[37] Dantzig, G.B. (1963). Linear Programming and Extensions. Princeton University Press, Princeton.

[38] Das, D., Kar, M.B., Roy, A. and Kar, S. (2012). Two-warehouse production model for deteriorating inventory items with stock-dependent demand under inflation over a random planning horizon. Central European Journal of Operations Research, 20(2), 251-280.

[39] Datta, T.K. and Pal, A.K. (1991). Effects of inflation and time-value of money on an inventory model with linear time-dependent demand rate and shortages. European Journal of Operational Research, 52(3), 326-333.

[40] Deep, K., Singh, K.P., Kansal, M.L. and Mohan, C. (2009). A real coded genetic algorithm for solving integer and mixed integer optimization problems. Applied Mathematics and Computation, 212, 505-518.

[41] Du, R., Banerjee, A. and Kim, S.-L. (2013). Coordination of two-echelon supply chains using wholesale price discount and credit option. International Journal of Production Economics, 143(2), 327-334.

[42] Dubois, D. and Prade, H. (1980). Fuzzy Sets and Systems: Theory and Applications. Academic Press, New York.

[43] Dubois, D. and Prade, H. (1982). Towards fuzzy differential calculus part 1: Integration of fuzzy mappings. Fuzzy Sets and Systems, 8(1), 1-17.

[44] Dubois, D. and Prade, H. (1982). Towards fuzzy differential calculas part 2: Integration on fuzzy intervals. Fuzzy Sets and Systems, 8(2), 105-116.

[45] Dubois, D. and Prade, H. (1982). Towards fuzzy differential calculus part 3: Differentiation. Fuzzy Sets and Systems, 8(3), 225-233.

[46] Dubois, D. and Prade, H. (1983). Ranking fuzzy numbers in the setting of possibility theory. Information Sciences, 30(3), 183-224.

[47] Dubois, D. and Prade, H. (1987). The mean value of a fuzzy number. Fuzzy Sets and Systems, 24(3), 279-300.

[48] Dubois, D. and Prade, H. (1997). The three semantics of fuzzy sets. Fuzzy Sets and Systems, 90, 141-150.

[49] Dvoretzky, A., Kiefer, J. and Wolfowitz, J. (1952). The inventory policy. Econometrica, 20, 187-222.

[50] Dye, C.-Y. (2007). Joint pricing and ordering policy for a deteriorating inventory with partial backlogging. Omega, 35(2), 184-189.

[51] Dye, C.-Y. and Hsieh, T.-P. (2010). A particle swarm optimization for solving joint pricing and lot-sizing problem with fluctuating demand and unit purchasing cost. Computers & Mathematics with Applications, 60(7), 1895-1907.

[52] Dye, C.-Y. (2012). A finite horizon deteriorating inventory model with two-phase pricing and time-varying demand and cost under trade credit financing using particle swarm optimization. Swarm and Evolutionary Computation, 5, 37-53.

[53] Engelbrecht, A.P. (2006). Fundamentals of Computational Swarm Intelligence. John Wiley & Sons, USA.

[54] Garai, T., Chakraborty, D. and Roy, T.K. (2018). A fuzzy rough multi-objective multi-item inventory model with both stock-dependent demand and holding cost rate. Granular Computing, https://doi.org/10.1007/s41066-018-0085-6

[55] Garg, H. and Sharma, S.P. (2013). Multi-objective reliability-redundancy allocation problem using particle swarm optimization. Computers & Industrial Engineering, 64(1), 247-255.

[56] Gayen, M. and Pal, A.K. (2009). A two ware house inventory model for deteriorating items with stock dependent demand rate and holding cost. Operational Research: An International Journal, 9(2), 153-165.

[57] Ghare, P.M. and Schrader, G.H. (1963). A model for exponentially decaying inventory system. International Journal of Production Research, 21, 449-460.

[58] Ghiami, Y., Williams, T. and Wu, Y. (2013). A two-echelon inventory model for a deteriorating item with stock-dependent demand, partial backlogging and capacity constraints. European Journal of Operational Research, 231(3), 587-597.

[59] Giri, B.C. and Sharma, S. (2014). Manufacturer's pricing strategy in a two-level supply chain with competing retailers and advertising cost dependent demand. Economic Modelling, 38, 102-111.

[60] Giri, P.K., Maiti, M.K. and Maiti, M. (2014). Solid Transportation Problem Under Budget Constraint Using Fuzzy Measure. Annals of Pure and Applied Mathematics, 7(1), 41-46.

[61] Giri, P.K., Maiti, M.K. and Maiti, M. (2016). Profit maximization solid transportation problem under budget constraint using fuzzy measures. Iranian Journal of Fuzzy Systems, 13(5), 35-63.

[62] Goksal, F.P., Karaoglan, I. and Altiparmak, F. (2013). A hybrid discrete particle swarm optimization for vehicle routing problem with simultaneous pickup and delivery. Computers & Industrial Engineering, 65(1), 39-53.

[63] Goyal, S.K. (1985). Economic Order Quantity under Conditions of Permissible Delay in Payments. Journal of the Operational Research Society, 36(4), 335-338.

[64] Grzegorzewski, P. (2002). Nearest interval approximation of a fuzzy number. Fuzzy Sets and Systems, 130(3), 321-330.

[65] Guchhait, P., Maiti, M.K. and Maiti, M. (2010). Multi-item inventory model of breakable items with stock-dependent demand under stock and time dependent breakability rate. Computers & Industrial Engineering, 59(4), 911-920.

[66] Guchhait, P., Giri, P.K., Maiti, M.K. and Maiti, M. (2012). Inventory Policy with Stock, Price and Credit-Linked Demand: A Fuzzy Genetic Algorithm Approach. International Journal of Strategic Decision Sciences, 3(2), 47-65.

[67] Guchhait, P., Maiti, M.K. and Maiti, M. (2013). Two storage inventory model of a deteriorating item with variable demand under partial credit period. Applied Soft Computing, 13(1), 428-448.

[68] Guchhait, P., Maiti, M.K. and Maiti, M. (2013). A production inventory model with fuzzy production and demand using fuzzy differential equation: An interval compared genetic algorithm approach. Engineering Applications of Artificial Intelligence, 26(2), 766-778.

[69] Guchhait, P., Maiti, M.K. and Maiti, M. (2015). An EOQ model of deteriorating item in imprecise environment with dynamic deterioration and credit linked demand. Applied Mathematical Modelling, 39(21), 6553-6567.

[70] Gupta, R.K., Bhunia, A.K. and Goyal, S.K. (2009). An application of Genetic Algorithm in solving an inventory model with advanced payment and interval valued inventory costs. Mathematical and Computer Modelling, 49(5-6), 893-905.

[71] Hadley, G. and Whitin, T.M. (1963). Analysis of inventory systems. Prentice Hall, Englewood, Cliffs, NJ.

[72] Hadley, G. and Whitin, T.M. (1975). An optimal final inventory model. Prentice Hall.

[73] Hariga, M.A. (1995). Effects of inflation and time-value of money on an inventory model with time-dependent demand rate and shortages. European Journal of Operational Research, 81(3), 512-520.

[74] Harris, F.W. (1915). Operations and cost. Factory Management Series, Chicago: A.W. Shaw Co.

[75] Heydari, J., Rastegar, M. and Glock, C.H. (2017). A two-level delay in payments contract for supply chain coordination: The case of credit-dependent demand. International Journal of Production Economics, 191, 26-36.

[76] Ho, C.-H. (2011). The optimal integrated inventory policy with price-and-credit-linked demand under two-level trade credit. Computers & Industrial Engineering, 60(1), 117-126.

[77] Hou, K.-L. (2006). An inventory model for deteriorating items with stock-dependent consumption rate and shortages under inflation and time discounting. European Journal of Operational Research, 168(2), 463-474.

[78] Huang, D., Ouyang, L.Q. and Zhou, H. (2012). Note on: Managing multi-echelon multi-item channels with trade allowances under credit period. International Journal of Production Economics, 138(1), 117-124.

[79] Huang, K.-L., Kuo, C.-W. and Lu, M.-L. (2014). Wholesale price rebate vs. capacity expansion: The optimal strategy for seasonal products in a supply chain. European Journal of Operational Research, 234(1), 77-85.

[80] Huang, Y.-F. (2003). Optimal retailer's ordering policies in the EOQ model under trade credit financing. The Journal of the Operational Research Society, 54(9), 1011-1015.

[81] Huang, Y.-F. (2007). Optimal retailer's replenishment decisions in the EPQ model under two levels of trade credit policy. European Journal of Operational Research, 176(3), 1577-1591.

[82] Imanian, N., Shiri, M.E. and Moradi, P. (2014). Velocity based artificial bee colony algorithm for high dimensional continuous optimization problems. Engineering Applications of Artificial Intelligence, 36, 148-163.

[83] Jaggi, C.K., Tiwari, S. and Goel, S.K. (2017). Credit financing in economic ordering policies for non-instantaneous deteriorating items with price dependent demand and two storage facilities. Annals of Operations Research, 248(1-2), 253-280.

[84] Jiang, Y., Liu, C., Huang, C. and Wu, X. (2010). Improved particle swarm algorithm for hydrological parameter optimization. Applied Mathematics and Computation, 217(7), 3207-3215.

[85] Jitender, Vijay Kumar, S. and Parteek (2016). Analysis of Vendor Managed Inventory System Element Using ANOVA Method: A Case Study. International Journal of All Research Education and Scientific Methods, 4(7), 16-24.

[86] Kandel, A. and Byatt, W.J. (1978). Fuzzy differential equations. Proceedings of the International Conference on Cybernetics and Society, Tokyo, November, 1213-1216.

[87] Kandel, A. and Byatt, W.J. (1980). Fuzzy processes. Fuzzy Sets and Systems, 4(2), 117-152.

[88] Kao, C. and Hsu, W.-K. (2002). Lot Size-Reorder Point Inventory Model with Fuzzy Demands. Computers & Mathematics with Applications, 43(10-11), 1291-1302.

[89] Kao, Y.-T. and Zahara, E. (2008). A hybrid genetic algorithm and particle swarm optimization for multimodal functions. Applied Soft Computing, 8(2), 849-857.

[90] Karaboga, D. (2005). An idea based on honey bee swarm for numerical optimization. Erciyes University, Kayseri, Türkiye, Tech. Rep., TR06.

[91] Karaboga, D. and Basturk, B. (2007). A powerful and efficient algorithm for numerical function optimization: artificial bee colony (ABC) algorithm. Journal of Global Optimization, 39(3), 459-471.

[92] Kennedy, J. and Eberhart, R.C. (1995). Particle Swarm Optimization. Proceeding of the IEEE International Conference on Neural Networks, 4, 1942-1948.

[93] Khan, I. and Maiti, M.K. (2018). A novel hybrid algorithm for generalized traveling salesman problems in different environments. Vietnam Journal of Computer Science, 5(1), 27-43.

[94] Khanra, S. and Chaudhuri, K.S. (2003). A note on an order-level inventory model for a deteriorating item with time-dependent quadratic demand. Computers & Operations Research, 30(12), 1901-1916.

[95] Kim, T., Glock, C.H. and Kwon, Y. (2014). A closed-loop supply chain for deteriorating products under stochastic container return times. Omega, 43, 30-40.

[96] Kiran, M.S., Hakli, H., Gunduz, M. and Uguz, H. (2015). Artificial bee colony algorithm with variable search strategy for continuous optimization. Information Sciences, 300, 140-157.

[97] Krishnan, H., Kapuscinski, R. and Butz, D.A. (2004). Coordinating Contracts for Decentralized Supply Chains with Retailer Promotional Effort. Management Science, 50(1), 48-63.

[98] Kumar, S. and Rajput, U.S. (2015). Fuzzy Inventory Model for Deteriorating Items with Time Dependent Demand and Partial Backlogging. Applied Mathematics, 6, 496-509.

[99] Kundu, A., Guchhait, P., Pramanik, P., Maiti, M.K. and Maiti, M. (2017). A production inventory model with price discounted fuzzy demand using an interval compared hybrid algorithm. Swarm and Evolutionary Computation, 34, 1-17.

[100] Lee, C.C. and Hsu, S.-L. (2009). A two-warehouse production model for deteriorating inventory items with time-dependent demands. European Journal of Operational Research, 194(3), 700-710.

[101] Li, X. and Wang, Q. (2007). Coordination mechanisms of supply chain systems. European Journal of Operational Research, 179(1), 1-16.

[102] Liao, H.-C., Tsai, C.-H. and Su, C.-T. (2000). An inventory model with deteriorating items under inflation when a delay in payment is permissible. International Journal of Production Economics, 63(2), 207-214.

[103] Liu, B. and Iwamura, K. (1998). Chance constrained programming with fuzzy parameters. Fuzzy Sets and Systems, 94(2), 227-237.

[104] Liu, B. and Iwamura, K. (1998). A note on chance constrained programming with fuzzy coefficients. Fuzzy Sets and Systems, 100(1-3), 229-233.

[105] Liu, B. (2002). Theory and Practice of Uncertain Programming. Phsica-Verlag Berlin Heidelberg, New York.

[106] Liu, B. and Liu., Y.-K. (2002). Expected value of fuzzy variable and fuzzy expected value models. IEEE Transactions of Fuzzy Systems, 10(4), 445-450.

[107] Liu, B. (2004). Uncertainty Theory: An Introduction to its Axiomatic Foundations. Springer-Verlag Berlin, Heidelberg, New York.

[108] Liu, S.-C. and Chen, J.-R. (2011). A heuristic method for the inventory routing and pricing problem in a supply chain. Expert Systems with Applications, 38(3), 1447-1456.

[109] Mahata, G.C. and De, S.K. (2017). Supply chain inventory model for deteriorating items with maximum lifetime and partial trade credit to credit-risk customers. International Journal of Management Science and Engineering Management, 12(1), 21-32.

[110] Maiti, A.K., Maiti, M.K. and Maiti, M. (2014). An EOQ model of an item with imprecise seasonal time via genetic algorithm. International Journal of Operational Research, 19(3), 358-384.

[111] Maiti, M.K. and Maiti, M. (2005). Inventory of damageable items with variable replenishment and unit production cost via simulated annealing method. Computers & Industrial Engineering, 49(3), 432-448.

[112] Maiti, M.K. and Maiti, M. (2005). Production policy for damageable items with variable cost function in an imperfect production process via genetic algorithm. Mathematical and Computer Modelling, 42(9-10), 977-990.

[113] Maiti, M.K. and Maiti, M. (2006). Fuzzy inventory model with two warehouses under possibility constraints. Fuzzy Sets and Systems, 157(1), 52-73.

[114] Maiti, M.K. and Maiti, M. (2006). Multi-item shelf-space allocation of breakable items via genetic algorithm. Journal of Applied Mathematics and Computing, 20(1-2), 327-343.

[115] Maiti, M.K. and Maiti, M. (2007). Two-storage inventory model with lot-size dependent fuzzy lead-time under possibility constraints via genetic algorithm. European Journal of Operational Research, 179(2), 352-371.

[116] Maiti, M.K. and Maiti, M. (2007). Two storage inventory model in a mixed environment. Fuzzy Optimization and Decision Making, 6, 391-426.

[117] Maiti, M.K. (2008). Fuzzy inventory model with two warehouses under possibility measure on fuzzy goal. European Journal of Operational Research, 188(3), 746-774.

[118] Maiti, M.K. (2011). A fuzzy genetic algorithm with varying population size to solve an inventory model with credit-linked promotional demand in an imprecise planning horizon. European Journal of Operational Research, 213(1), 96-106.

[119] Mandal, M. and Maiti, M. (1999). Inventory of damageable items with variable replenishment rate, stock-dependent demand and some units in hand. Applied Mathematical Modelling, 23(10), 799-807.

[120] Manna, A.K., Dey, J.K. and Mondal, S.K. (2017). Imperfect production inventory model with production rate dependent defective rate and advertisement dependent demand. Computers & Industrial Engineering, 104, 9-22.

[121] Manna, S.K. and Chaudhuri, K.S. (2006). An EOQ model with ramp type demand rate, time dependent deterioration rate, unit production cost and shortages. European Journal of Operational Research, 171(2), 557-566.

[122] Marinakis, Y. and Marinaki, M. (2010). A hybrid genetic – Particle Swarm Optimization Algorithm for the vehicle routing problem. Expert Systems with Applications, 37(2), 1446-1455.

[123] Michalewicz, Z. (1992). Genetic Algorithm + Data Structures = Evolution Programs. Springer, Berlin.

[124] Mishra, P. and Shaikh, A. (2017). Optimal ordering policy for an integrated inventory model with stock dependent demand and order linked trade credits for twin ware house system. Uncertain Supply Chain Management, 5(3), 169-186.

[125] Mishra, V.K. (2014). Deteriorating inventory model with controllable deterioration rate for time-dependent demand and time-varying holding cost. Yugoslav Journal of Operations Research, 24(1), 87-98.

[126] Mondal, M., Maity, A.K., Maiti, M.K. and Maiti, M. (2013). A production-repairing inventory model with fuzzy rough coefficients under inflation and time value of money. Applied Mathematical Modelling, 37(5), 3200-3215.

[127] Mondal, M., Maiti, M.K. and Maiti, M. (2014). A two storage production-repairing model with fuzzy defective rate and displayed inventory dependent demand. Optimization and Engineering, 15(3), 751-772.

[128] Moore, R. (1966). Interval Analysis. Prentice-Hall, Englewood Cliffs, NJ.

[129] Mukhopadhyay, A. and Goswami, A. (2016). An EOQ model with shortages and selling price dependent time varying demand. International Journal of Supply Chain and Inventory Management, 1(2), 133-153.

[130] Mukhopadhyay, S., Mukherjee, R.N. and Chaudhuri, K.S. (2004). Joint pricing and ordering policy for a deteriorating inventory. Computers & Industrial Engineering, 47(4), 339-349.

[131] Naddor, E. (1966). Inventory systems. Wiley, New York.

[132] Nasiri, M.M. (2015). A modified ABC algorithm for the stage shop scheduling problem. Applied Soft Computing, 28, 81-89.

[133] Nezamabadi-Pour, H., Yazdani, S., Farsangi, M.M. and Neyestani, M. (2011). A solution to an economic dispatch problem by a fuzzy adaptive genetic algorithm. Iranian Journal of Fuzzy Systems, 8(3), 1-21.

[134] Ouyang, L.-Y., Teng, J.-T., Goyal, S.K. and Yang, C.-T. (2009). An economic order quantity model for deteriorating items with partially permissible delay in payments linked to order quantity. European Journal of Operational Research, 194(2), 418-431.

[135] Pal, B., Sana, S.S. and Chaudhuri, K. (2014). Three stage trade credit policy in a three-layer supply chain -– a production-inventory model. International Journal of Systems Science, 45(9), 1844-1868.

[136] Pal, B., Sana, S.S. and Chaudhuri, K. (2015). Coordination contracts for competitive two-echelon supply chain with price and promotional effort sensitive non-linear demand. International Journal of Systems Science: Operations & Logistics, 2(2), 113-124.

[137] Pal, B., Sana, S.S. and Chaudhuri, K. (2016). Two-echelon competitive integrated supply chain model with price and credit period dependent demand. International Journal of Systems Science, 47(5), 995-1007.

[138] Pal, S., Maiti, M.K. and Maiti, M. (2009). An EPQ model with price discounted promotional demand in an imprecise planning horizon via Genetic Algorithm. Computers & Industrial Engineering, 57(1), 181-187.

[139] Palanivel, M. and Uthayakumar, R. (2016). Two-warehouse inventory model for non–instantaneous deteriorating items with optimal credit period and partial backlogging under inflation. Journal of Control and Decision, 3(2), 132-150.

[140] Palanivel, M. and Uthayakumar, R. (2016). Two-warehouse inventory model for non-instantaneous deteriorating items with partial backlogging and inflation over a finite time horizon. Opsearch, 53(2), 278-302.

[141] Panda, D., Maiti, M.K. and Maiti, M. (2010). Two warehouse inventory models for single vendor multiple retailers with price and stock dependent demand. Applied Mathematical Modelling, 34(11), 3571-3585.

[142] Panda, S., Senapati, S. and Basu, M. (2008). Optimal replenishment policy for perishable seasonal products in a season with ramp-type time dependent demand. Computers & Industrial Engineering, 54(2), 301-314.

[143] Paul, S., Wahab, M.I.M. and Ongkunaruk, P. (2014). Joint replenishment with imperfect items and price discount. Computers & Industrial Engineering, 74, 179-185.

[144] Pawlak, Z. (1982). Rough Sets. International Journal of Computer & Information Sciences, 11(5), 341-356.

[145] Pawlak, Z. and Skowron, A. (1994). Fuzzy membership functions, Advances in Dempster-Shaefer Theory of Evidence. John Wiley & Sons, Inc.

[146] Pawlak, Z. (2002). Rough set theory and its applications. Journal of Telecommunications and Information Technology, 3, 7-10.

[147] Pawlak, Z. and Skowron, A. (2007). Rudiments of rough sets. Information Sciences, 177(1), 3-27.

[148] Petrovic, D., Petrovic, R. and Vujosevic, M. (1996). Fuzzy models for the newsboy problem. International Journal of Production Economics, 45(1-3), 435-441.

[149] Philip, G.C. (1974). A Generalized EOQ Model for Items with Weibull Distribution Deterioration. AIIE Transactions, 6(2), 159-162.

[150] Pramanik, P., Maiti, M.K. and Maiti, M. (2017). Three level partial trade credit with promotional cost sharing. Applied Soft Computing, 58, 553-575.

[151] Pramanik, P., Maiti, M.K. and Maiti, M. (2017). A supply chain with variable demand under three level trade credit policy. Computers & Industrial Engineering, 106, 205-221.

[152] Prasad, K. and Mukherjee, B. (2016). Optimal inventory model under stock and time dependent demand for time varying deterioration rate with shortages. Annals of Operations Research, 243(1-2), 323-334.

[153] Priyan, S., Palanivel, M. and Uthayakumar, R. (2015). Two-echelon production-inventory system with fuzzy production rate and promotional effort dependent demand. Journal of Management Analytics, 2(1), 72-92.

[154] Qin, Y., Tang, H. and Guo, C. (2007). Channel coordination and volume discounts with price-sensitive demand. International Journal of Production Economics, 105(1), 43-53.

[155] Rand, G.K. (1979). Decision Systems for Inventory Management and Production Planning. Journal of the Operational Research Society, 30(12), 1133-1134.

[156] Rani, S., Ali, R. and Agarwal, A. (2017). Green supply chain inventory model for deteriorating items with variable demand under inflation. International Journal of Business Forecasting and Marketing Intelligence, 3(1), 50-77.

[157] Rao, S.S. (2000). Engineering Optimization: Theory and Practice. New age International (P) Limited, India, 715-761.

[158] Raymond, F.E. (1931). Quantity and Economy in Manufacture. McGraw-Hill Book Co, New York.

[159] Román-Flores, H., Barros, L.C. and Bassanezi, R.C. (2001). A note on Zadeh's extensions. Fuzzy Sets and Systems, 117(3), 327-331.

[160] Roy, A., Maiti, M.K., Kar, S. and Maiti, M. (2009). An inventory model for a deteriorating item with displayed stock dependent demand under fuzzy inflation and time discounting over a random planning horizon. Applied Mathematical Modelling, 33(2), 744-759.

[161] Roy, A., Sana, S.S. and Chaudhuri, K. (2015). A joint venturing of single supplier and single retailer under variable price, promotional effort and service level. Pacific Science Review B: Humanities and Social Sciences, 1(1), 8-14.

[162] Saha, S. and Goyal, S.K. (2015). Supply chain coordination contracts with inventory level and retail price dependent demand. International Journal of Production Economics, 161, 140-152.

[163] Sana, S.S. and Chaudhuri, K.S. (2008). A deterministic EOQ model with delays in payments and price-discount offers. European Journal of Operational Research, 184(2), 509-533.

[164] Santana-Quintero, L.V., Ramírez-Santiago, N., Coello, C.A.C., Luque, J.M. and Hernández-Díaz, A.G. (2006). A New Proposal for Multiobjective Optimization Using Particle Swarm Optimization and Rough Sets Theory. Parallel Problem Solving from Nature - PPSN IX, 4193, 483-492.

[165] Sarkar, B. and Sarkar, S. (2013). An improved inventory model with partial backlogging, time varying deterioration and stock-dependent demand. Economic Modelling, 30, 924-932.

[166] Sarkar, B., Sana, S.S. and Chaudhuri, K. (2013). An Inventory Model with Finite Replenishment Rate, Trade Credit Policy and Price-Discount Offer. Journal of Industrial Engineering, http://dx.doi.org/10.1155/2013/672504

[167] Sarkar, B., Mandal, P. and Sarkar, S. (2014). An EMQ model with price and time dependent demand under the effect of reliability and inflation. Applied Mathematics and Computation, 231, 414-421.

[168] Sarkar, S. and Chakrabarti, T. (2012). An EPQ Model with Two-Component Demand under Fuzzy Environment and Weibull Distribution Deterioration with Shortages. Advances in Operations Research, http://dx.doi.org/10.1155/2012/264182

[169] Seikkala, S. (1987). On the fuzzy initial value problem. Fuzzy Sets and Systems, 24(3), 319-330.

[170] Sengupta, A. and Pal, T.K. (2009). Fuzzy Preference Ordering of Interval Numbers in Decision Problems. Springer-Verlag Berlin Heidelberg.

[171] Sett, B.K., Sarkar, S., Sarkar, B. and Yun, W.Y. (2016). Optimal replenishment policy with variable deterioration for fixed-lifetime products. Scientia Iranica E, 23(5), 2318-2329.

[172] Shah, B.J., Shah, N.H. and Shah, Y.K. (2005). EOQ model for time-dependent deterioration rate with a temporary price discount. Asia-Pacific Journal of Operational Research, 22(4), 479-485.

[173] Shi, Y., Yao, L. and Xu, J. (2011). A probability maximization model based on rough approximation and its application to the inventory problem. International Journal of Approximate Reasoning, 52, 261-280.

[174] Sims, J.R. and Zhenyuan, W. (1990). Fuzzy measures and fuzzy integrals: an overview. International Journal of General Systems, 17(2-3), 157-189.

[175] Skouri, K., Konstantaras, I., Papachristos, S. and Ganas, I. (2009). Inventory models with ramp type demand rate, partial backlogging and Weibull deterioration rate. European Journal of Operational Research, 192(1), 79-92.

[176] Slowinski, R. and Vanderpooten, D. (2000). A generalized definition of rough approximations based on similarity. IEEE Transactions on Knowledge and Data Engineering, 12(2), 331-336.

[177] Subotic, M. and Tuba, M. (2014). Parallelized Multiple Swarm Artificial Bee Colony Algorithm (MS-ABC) for Global Optimization. Studies in Informatics and Control, 23(1), 117-126.

[178] Sugeno, M. (1974). Theory of fuzzy integrals and its applications. Thesis, Tokyo Institute of Technology.

[179] Tai, A.H., Xie, Y. and Ching, W.-K. (2016). Inspection policy for inventory system with deteriorating products. International Journal of Production Economics, 173, 22-29.

[180] Tayal, S., Singh, S.R. and Sharma, R. (2014). Multi-Item Inventory Model for Deteriorating Items with Expiration Date and Allowable Shortages. Indian Journal of Science & Technology, 7(4), 463-471.

[181] Teng, J.-T. and Chang, C.-T. (2009). Optimal manufacturer's replenishment policies in the EPQ model under two levels of trade credit policy. European Journal of Operational Research, 195(2), 358-363.

[182] Tersine, R.J. (1982). Principles of Inventory and Materials Management. Elsevier, North Holland Inc., New York.

[183] Tiwari, S., Jaggi, C.K., Bhunia, A.K., Shaikh, A.A. and Goh, M. (2017). Two-warehouse inventory model for non-instantaneous deteriorating items with stock-dependent demand and inflation using particle swarm optimization. Annals of Operations Research, 254(1-2), 401-423.

[184] Tsao, Y.-C. (2010). Managing multi-echelon multi-item channels with trade allowances under credit period. International Journal of Production Economics, 127(2), 226-237.

[185] Tsao, Y.-C. and Sheen, G.-J. (2012). Effects of promotion cost sharing policy with the sales learning curve on supply chain coordination. Computers & Operations Research, 39(8), 1872-1878.

[186] Vahdani, B. (2015). An optimization model for multi-objective closed-loop supply chain network under uncertainty: a hybrid fuzzy-stochastic programming method. Iranian Journal of Fuzzy Systems, 12(4), 33-57.

[187] Viswanathan, S. and Wang, Q. (2003). Discount pricing decisions in distribution channels with price-sensitive demand. European Journal of Operational Research, 149(3), 571-587.

[188] Vorobiev, D. and Seikkala, S. (2002). Towards the theory of fuzzy differential equations. Fuzzy Sets and Systems, 125(2), 231-237.

[189] Wang, Q. (2005). Discount Pricing Policies and the Coordination of Decentralized Distribution Systems. Decision Sciences, 36(4), 627-646.

[190] Wee, H.-M. (1997). A replenishment policy for items with a price-dependent demand and a varying rate of deterioration. Production Planning & Control, 8(5), 494-499.

[191] Wee, H.-M., Lo, C.-C. and Hsu, P.-H. (2009). A multi-objective joint replenishment inventory model of deteriorated items in a fuzzy environment. European Journal of Operational Research, 197(2), 620-631.

[192] Wilson, R.H. (1934). A scientific routine for stock control. Harvard Business Review, 13, 116-128.

[193] Wu, D.D. (2013). Bargaining in supply chain with price and promotional effort dependent demand. Mathematical and Computer Modelling, 58(9-10), 1659-1669.

[194] Wu, H.-C. (2000). The fuzzy Riemann integral and its numerical integration. Fuzzy Sets and Systems, 110(1), 1-25.

[195] Wu, J.-W., Lin, C., Tan, B. and Lee, W.-C. (1999). An EOQ Inventory Model with Ramp Type Demand Rate for Items with Weibull Deterioration. International Journal of Information and Management Sciences, 10(3), 41-51.

[196] Wu, K.-S., Ouyang, L.-Y. and Yang, C.-T. (2006). An optimal replenishment policy for non-instantaneous deteriorating items with stock-dependent demand and partial backlogging. International Journal of Production Economics, 101(2), 369-384.

[197] Xie, J. and Neyret, A. (2009). Co-op advertising and pricing models in manufacturer-retailer supply chains. Computers & Industrial Engineering, 56(4), 1375-1385.

[198] Xie, J. and Wei, J.C. (2009). Coordinating advertising and pricing in a manufacturer-retailer channel. European Journal of Operational Research, 197(2), 785-791.

[199] Xu, J. and Zhao, L. (2008). A class of fuzzy rough expected value multi-objective decision making model and its application to inventory problems. Computers & Mathematics with Applications, 56(8), 2107-2119.

[200] Yang, H.-L. (2004). Two-warehouse inventory models for deteriorating items with shortages under inflation. European Journal of Operational Research, 157(2), 344-356.

[201] Yang, H.-L. (2006). Two-warehouse partial backlogging inventory models for deteriorating items under inflation. International Journal of Production Economics, 103(1), 362-370.

[202] Yang, H.-L., Teng, J.-T. and Chern, M.-S. (2010). An inventory model under inflation for deteriorating items with stock-dependent consumption rate and partial backlogging shortages. International Journal of Production Economics, 123(1), 8-19.

[203] Yang, P.C. (2004). Pricing strategy for deteriorating items using quantity discount when demand is price sensitive. European Journal of Operational Research, 157(2), 389-397.

[204] Yang, W.H. and Tarng, Y.S. (1998). Design optimization of cutting parameters for turning operations based on the Taguchi method. Journal of Materials Processing Technology, 84(1-3), 122-129.

[205] Yao, J.-S. and Wu, K. (2000). Ranking fuzzy numbers based on decomposition principle and signed distance. Fuzzy Sets and Systems, 116(2), 275-288.

[206] Yu, Y., Wang, Z. and Liang, L. (2012). A vendor managed inventory supply chain with deteriorating raw materials and products. International Journal of Production Economics, 136(2), 266-274.

[207] Yue, J., Austin, J., Huang, Z. and Chen, B. (2013). Pricing and advertisement in a manufacturer-retailer supply chain. European Journal of Operational Research, 231(2), 492-502.

[208] Zadeh, L.A. (1965). Fuzzy Sets. Information and Control, 8, 338-353.

[209] Zadeh, L.A. (1978). Fuzzy sets as a basis for a theory of possibility. Fuzzy Sets and Systems, 1, 3-28.

[210] Zhang, Q., Xie, Q. and Wang, G. (2016). A survey on rough set theory and its applications. CAAI Transactions on Intelligence Technology, 1(4), 323-333.

[211] Zhong, F., Li, H. and Zhong, S. (2016). A modified ABC algorithm based on improved-global-best-guided approach and adaptive-limit strategy for global optimization. Applied Soft Computing, 46, 469-486.

[212] Zhou, Y.-W. and Yang, S.-L. (2005). A two-warehouse inventory model for items with stock-level-dependent demand rate. International Journal of Production Economics, 95(2), 215-228.

[213] Zimmermann, H.-J. (1975). Description and Optimization of Fuzzy Systems. International Journal of General Systems, 2(1), 209-215.

[214] Zimmermann, H.-J. (1996). Fuzzy Set Theory – and Its Applications. Springer, Science+Business Media, New York.