

Chapter 12 Stochastic inventory theory

Handbooks in Operations Research and Management Science
, 605-652

DOI: [10.1016/s0927-0507\(05\)80176-8](https://doi.org/10.1016/s0927-0507(05)80176-8)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Pricing and ordering strategies in manufacturing and distribution alliances. IIE Transactions, 1997, 29, 681-692.	2.1	28
2	Optimal Production and Inventory Policy for Multiple Products Under Resource Constraints. Management Science, 1998, 44, 950-961.	2.4	90
3	Random lead times and expedited orders in (Q,r) inventory systems. European Journal of Operational Research, 1999, 115, 300-313.	3.5	64
4	An efficient algorithm for a generalized joint replenishment problem. European Journal of Operational Research, 1999, 118, 413-428.	3.5	20
5	Title is missing!. IIE Transactions, 1999, 31, 1037-1049.	2.1	28
6	Optimal strategies for an inventory system with cost functions of general form. Cybernetics and Systems Analysis, 1999, 35, 602-618.	0.4	14
7	Decision support for the single-€period inventory problem. Industrial Management and Data Systems, 2000, 100, 61-67.	2.2	7
8	Optimal procurement policies under price-dependent demand. International Journal of Production Economics, 2000, 65, 141-171.	5.1	69
9	Quantifying the Bullwhip Effect in a Simple Supply Chain: The Impact of Forecasting, Lead Times, and Information. Management Science, 2000, 46, 436-443.	2.4	1,691
10	Control of production-distribution systems with unknown inputs and system failures. IEEE Transactions on Automatic Control, 2000, 45, 1072-1081.	3.6	57
11	A dynamic two-segment partial backorder control of (r,Q) inventory system. Computers and Operations Research, 2001, 28, 935-953.	2.4	10
12	Sourcing decisions with capacity reservation contracts. European Journal of Operational Research, 2001, 131, 635-648.	3.5	150
13	Supplier-buyer contracting: Asymmetric cost information and cutoff level policy for buyer participation. Naval Research Logistics, 2001, 48, 41-64.	1.4	331
14	Optimal Inventory Policies when the Demand Distribution Is Not Known. Journal of Economic Theory, 2001, 101, 281-300.	0.5	9
15	Pathwise Properties and Performance Bounds for a Perishable Inventory System. Operations Research, 2001, 49, 455-466.	1.2	42
16	Coordinating Replenishment and Pricing in a Firm. Manufacturing and Service Operations Management, 2002, 4, 241-257.	2.3	44
17	Inventory management in supply chains: a reinforcement learning approach. International Journal of Production Economics, 2002, 78, 153-161.	5.1	136
18	Grinding Wheel Management through Neuro-Fuzzy Forecasting of Dressing Cycle Time. CIRP Annals - Manufacturing Technology, 2003, 52, 407-410.	1.7	14

#	ARTICLE	IF	CITATIONS
19	Comparative statics of cell phone plans. <i>Operations Research Letters</i> , 2003, 31, 63-65.	0.5	1
20	A fuzzy echelon approach for inventory management in supply chains. <i>European Journal of Operational Research</i> , 2003, 149, 185-196.	3.5	183
21	Supply Chain Management with Guaranteed Delivery. <i>Management Science</i> , 2003, 49, 1154-1167.	2.4	51
22	Learning-by-Doing in the Newsvendor Problem - A Laboratory Investigation of the Role of Experience and Feedback. <i>SSRN Electronic Journal</i> , 2004, , .	0.4	16
23	Learning Algorithms for Separable Approximations of Discrete Stochastic Optimization Problems. <i>Mathematics of Operations Research</i> , 2004, 29, 814-836.	0.8	98
24	Supply chain coordination in buyer centric B2B electronic markets. <i>International Journal of Production Economics</i> , 2004, 92, 113-124.	5.1	73
25	Optimality inequalities for average cost MDPs and their inventory control applications. , 2004, , .		0
26	Optimizing the Ordering Policy in a Supply Chain. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2004, 37, 21-26.	0.4	1
27	Disruption management in production planning. <i>Naval Research Logistics</i> , 2005, 52, 420-442.	1.4	87
28	Control of Dividends, Capital Subscriptions, and Physical Inventories. <i>SSRN Electronic Journal</i> , 2005, , .	0.4	16
29	Integrating the Promotional and Service Roles of Retail Inventories. <i>SSRN Electronic Journal</i> , 2005, , .	0.4	3
30	OPTIMALITY OF FOUR-THRESHOLD POLICIES IN INVENTORY SYSTEMS WITH CUSTOMER RETURNS AND BORROWING/STORAGE OPTIONS. <i>Probability in the Engineering and Informational Sciences</i> , 2005, 19, 45-71.	0.6	27
31	Identifying Demand Sources That Minimize Risk for a Selective Newsvendor. , 0, , .		2
33	On Irreversible Investment. <i>SSRN Electronic Journal</i> , 2006, , .	0.4	4
34	Staffing a Call Center with Uncertain Arrival Rate and Absenteeism. <i>Production and Operations Management</i> , 2006, 15, 88-102.	2.1	113
35	Production and allocation policies in a two-class inventory system with time and quantity dependent waiting costs. <i>Computers and Operations Research</i> , 2006, 33, 2301-2321.	2.4	16
36	Integrating direct and indirect sales channels under decentralized decision-making. <i>International Journal of Production Economics</i> , 2006, 103, 209-229.	5.1	70
37	Inventory placement problems in dynamic supply chains. <i>Journal of Business Economics</i> , 2006, 76, 177-198.	1.3	1

#	ARTICLE	IF	CITATIONS
38	Joint Inventory Replenishment and Pricing Control for Systems with Uncertain Yield and Demand. <i>Operations Research</i> , 2006, 54, 696-705.	1.2	187
39	Stochastic make-to-stock inventory deployment problem: an endosymbiotic psychoclonal algorithm based approach. <i>International Journal of Production Research</i> , 2006, 44, 2245-2263.	4.9	25
40	Coordination and Revenue Sharing Contract with the Newsvendor Problem. , 2007, , .		3
41	Coordination on stocking and progressive pricing policies for a supply chain. <i>International Journal of Production Economics</i> , 2007, 106, 307-319.	5.1	21
42	Flexible supply contracts under price uncertainty. <i>European Journal of Operational Research</i> , 2008, 191, 253-263.	3.5	18
43	Ein Planungsansatz zur Kapazitätsdimensionierung von IuK-Techniken. <i>Zeitschrift für Planung Und Unternehmenssteuerung</i> , 2008, 19, 143-158.	0.3	2
44	Ordering and pricing policies in a manufacturing and distribution supply chain for fashion products. <i>International Journal of Production Economics</i> , 2008, 114, 476-486.	5.1	44
45	Inventory Management: Information, Coordination and Rationality. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
46	Would a risk-averse newsvendor order less at a higher selling price?. <i>European Journal of Operational Research</i> , 2009, 196, 544-553.	3.5	103
47	Markdown money contracts for perishable goods with clearance pricing. <i>European Journal of Operational Research</i> , 2009, 196, 1113-1122.	3.5	45
48	Optimal Policies for Inventory Systems with Separate Delivery-Request and Order-Quantity Decisions. <i>Operations Research</i> , 2009, 57, 626-636.	1.2	12
49	Dynamic robust optimal reorder point with uncertain lead time and changeable demand distribution. <i>Journal of Zhejiang University: Science A</i> , 2010, 11, 938-945.	1.3	0
50	Optimal Control of an Assembly System with Multiple Stages and Multiple Demand Classes. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
51	A Dynamic Inventory Model with the Right of Refusal. <i>Management Science</i> , 2010, 56, 2265-2281.	2.4	16
52	How Does Pricing Power Affect a Firm's Sourcing Decisions from Unreliable Suppliers?. <i>SSRN Electronic Journal</i> , 2011, , .	0.4	1
53	Clickstream Data and Inventory Management: Model and Empirical Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
54	Supply Diversification with Responsive Pricing. <i>SSRN Electronic Journal</i> , 2011, , .	0.4	1
55	Energy-Efficient Transmission Scheduling With Strict Underflow Constraints. <i>IEEE Transactions on Information Theory</i> , 2011, 57, 1344-1367.	1.5	18

#	ARTICLE	IF	CITATIONS
56	A Multiproduct Risk-Averse Newsvendor with Law-Invariant Coherent Measures of Risk. <i>Operations Research</i> , 2011, 59, 346-364.	1.2	87
57	The newsvendor problem with retail competition. , 2012, , .		0
58	Approximating the Nonlinear Newsvendor and Single-Item Stochastic Lot-Sizing Problems When Data Is Given by an Oracle. <i>Operations Research</i> , 2012, 60, 429-446.	1.2	25
59	Engaging Supply Chains in Climate Change. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
60	Dual sourcing: Responsive hedging against correlated supply and demand uncertainty. <i>Naval Research Logistics</i> , 2012, 59, 69-89.	1.4	21
61	Supply Diversification with Responsive Pricing. <i>Production and Operations Management</i> , 2013, 22, 447-458.	2.1	82
62	The value of information on supply risk under random yields. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2013, 60, 27-38.	3.7	24
63	An inventory modeling analysis of hydrogen fueling station capacity considering an outside option. <i>Energy Systems</i> , 2013, 4, 195-217.	1.8	2
64	Optimal policies for inventory systems with two types of product sharing common hardware platforms: Single period and finite horizon. <i>European Journal of Operational Research</i> , 2013, 224, 283-292.	3.5	5
65	Pricing and Allotment in a Sea-Cargo Supply Chain with Reference Effect: A Dynamic Game Approach. <i>Discrete Dynamics in Nature and Society</i> , 2013, 2013, 1-10.	0.5	6
66	Engaging Supply Chains in Climate Change. <i>Manufacturing and Service Operations Management</i> , 2013, 15, 559-577.	2.3	147
67	How does pricing power affect a firm's sourcing decisions from unreliable suppliers?. <i>International Journal of Production Research</i> , 2013, 51, 6990-7005.	4.9	25
68	Dynamic Pricing and Learning: Historical Origins, Current Research, and New Directions. <i>SSRN Electronic Journal</i> , 0, , .	0.4	9
69	The Effect of Supply Uncertainty in Price-Setting Newsvendor Models. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
70	The Impact of Demand Uncertainty on Consumer Subsidies for Green Technology Adoption. <i>SSRN Electronic Journal</i> , 0, , .	0.4	15
71	Mitigating Supply Uncertainty: The Interplay between Diversification and Pricing. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
72	Extending the newsvendor model to account for uncontrolled inventory transfers. <i>Annals of Operations Research</i> , 2015, , 1.	2.6	0
73	Dynamic pricing and learning: Historical origins, current research, and new directions. <i>Surveys in Operations Research and Management Science</i> , 2015, 20, 1-18.	3.1	261

#	ARTICLE	IF	CITATIONS
74	Continuous accounting of inventory costs with Brownian-motion and Poisson demand processes. <i>Annals of Operations Research</i> , 2015, 229, 85-102.	2.6	15
75	An Efficient Algorithm for Dynamic Pricing Using a Graphical Representation. <i>SSRN Electronic Journal</i> , 2016, , .	0.4	4
76	A Semi-Markov Inventory Control Model. <i>Cybernetics and Systems Analysis</i> , 2016, 52, 730-736.	0.4	5
77	Joint Inventory and Markdown Management for Perishable Goods with Strategic Consumer Behavior. <i>Operations Research</i> , 2016, 64, 118-134.	1.2	54
78	The Impact of Linear Optimization on Promotion Planning. <i>Operations Research</i> , 2017, 65, 446-468.	1.2	104
79	Exploring Omni-channel supply chain under price and delivery time sensitive stochastic demand. <i>Supply Chain Forum</i> , 2017, 18, 218-230.	2.7	28
80	Mitigating Supply Uncertainty: The Interplay Between Diversification and Pricing. <i>Production and Operations Management</i> , 2017, 26, 369-388.	2.1	53
81	A risk tolerance analysis for a joint price differentiation and inventory decisions problem with demand leakage effect. <i>International Journal of Production Economics</i> , 2017, 183, 129-145.	5.1	20
82	The newsvendor problem with advertising: an overview with extensions. <i>Review of Managerial Science</i> , 2017, 11, 767-787.	4.3	7
83	Modeling supplier capacity allocation decisions. <i>International Journal of Production Economics</i> , 2017, 184, 256-272.	5.1	9
84	Optimal ordering strategy with service constraints under supply disruptions. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 33, 2903-2911.	0.8	0
85	Optimal Control Policy for Stochastic Inventory Models with Two Substitutable Products. <i>SSRN Electronic Journal</i> , 2017, , .	0.4	3
86	A Unifying Framework for Consumer Surplus Under Demand Uncertainty. <i>SSRN Electronic Journal</i> , 2017, , .	0.4	0
87	Newsvendor problem with clearance pricing. <i>European Journal of Operational Research</i> , 2018, 268, 193-202.	3.5	18
88	Automated Teller Machine Replenishment Policies with Submodular Costs. <i>Manufacturing and Service Operations Management</i> , 2018, 20, 517-530.	2.3	4
89	Forecasting replenishment orders in retail: value of modelling low and intermittent consumer demand with distributions. <i>International Journal of Production Research</i> , 2018, 56, 4168-4185.	4.9	24
90	An integrated revenue management framework for a firm's greening, pricing and inventory decisions. <i>International Journal of Production Economics</i> , 2018, 195, 373-390.	5.1	25
91	The impact of loss sensitivity on a mobile phone supply chain system stability based on the chaos theory. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018, 55, 194-205.	1.7	22

#	ARTICLE	IF	CITATIONS
92	Can Deep Reinforcement Learning Improve Inventory Management? Performance and Implementation of Dual Sourcing-Mode Problems. SSRN Electronic Journal, 0, , .	0.4	17
93	Optimal Pricing and Inventory Planning with Charitable Donations. Manufacturing and Service Operations Management, 2018, 20, 687-703.	2.3	16
94	Managing a dual-channel supply chain under price and delivery-time dependent stochastic demand. European Journal of Operational Research, 2019, 272, 147-161.	3.5	254
95	Data Science Solutions for Retail Strategy to Reduce Waste Keeping High Profit. Sustainability, 2019, 11, 3589.	1.6	11
96	Capacity Allocation in Flexible Production Networks: Theory and Applications. Management Science, 2019, 65, 5091-5109.	2.4	37
97	The order and transshipment decisions in a two-location inventory system with demand forecast updates. Computers and Industrial Engineering, 2019, 135, 53-66.	3.4	11
98	Threshold behavior of optimal safety stock coverage in the presence of extended production disruptions. Journal of Modelling in Management, 2019, 15, 441-458.	1.1	3
99	The price-setting newsvendor: review and extensions. International Journal of Production Research, 2020, 58, 1776-1804.	4.9	17
100	Inventory and fleet purchase decisions under a sustainable regulatory environment. Supply Chain Forum, 2020, 21, 53-65.	2.7	10
101	Profit Maximization of Big Data Jobs in Cloud Using Stochastic Optimization. IEEE Transactions on Cloud Computing, 2020, , 1-1.	3.1	1
102	The effect of decision rights allocation on a supply chain of perishable products under a revenue-sharing contract. International Journal of Production Economics, 2020, 225, 107587.	5.1	22
103	Multi-item fuzzy economic production quantity model with multiple deliveries. Soft Computing, 2020, 24, 10363-10387.	2.1	16
104	The impacts of advance-order discounts on a three-echelon supply chain. Computers and Industrial Engineering, 2020, 145, 106498.	3.4	2
105	Impact of Industry 4.0 on Inventory Systems and Optimization. , 0, , .		12
106	Research on the variable buyback contract. Journal of Modelling in Management, 2021, 16, 145-171.	1.1	0
107	A Survey of Recent Progress in the Asymptotic Analysis of Inventory Systems. Production and Operations Management, 2021, 30, 1718-1750.	2.1	22
108	Volume Flexibility at Responsive Suppliers in Reshoring Decisions. SSRN Electronic Journal, 0, , .	0.4	2
109	Managing Two-Dose COVID-19 Vaccine Rollouts with Limited Supply. SSRN Electronic Journal, 0, , .	0.4	10

#	ARTICLE	IF	CITATIONS
110	Optimal pricing and inventory strategies for fashion products under time-dependent interest rate and demand. Computers and Industrial Engineering, 2021, 154, 107149.	3.4	8
111	Bartering: Price-Setting Newsvendor Problem with Barter Exchange. Sustainability, 2021, 13, 6684.	1.6	6
112	Optimal ordering policy for platelets: Data-driven method vs model-driven method. Fundamental Research, 2021, 1, 508-516.	1.6	2
113	Consumer Surplus Under Demand Uncertainty. Production and Operations Management, 2022, 31, 478-494.	2.1	13
114	Inventory Management: Information, Coordination, and Rationality. Profiles in Operations Research, 2011, , 321-365.	0.3	11
115	A Multi-item Risk-Averse Newsvendor with Law Invariant Coherent Measures of Risk. Profiles in Operations Research, 2012, , 41-79.	0.3	4
116	Newsvendor Models with Alternative Risk Preferences Within Expected Utility Theory and Prospect Theory Frameworks. Profiles in Operations Research, 2012, , 177-196.	0.3	6
117	Optimal Use of Demand Information in Supply Chain Management. Profiles in Operations Research, 2002, , 119-160.	0.3	17
118	Bullwhip effect in pricing under the revenue-sharing contract. Computers and Industrial Engineering, 2020, 145, 106528.	3.4	8
119	Coordinated inventory policies for meeting demands from both store and online BOPS channels. Computers and Industrial Engineering, 2020, 145, 106542.	3.4	16
120	Solution to a Class of Two-stage Stochastic Programs with Multivariate Normal Uncertainty. SSRN Electronic Journal, 0, , .	0.4	2
121	Constant Salvage Value Models: A Source of Systematic Bias in Predicting the Value of Lead-Time Reduction. SSRN Electronic Journal, 0, , .	0.4	1
122	Inventory Control Driven by Demand Data: Optimality and Computation of Base Stocks. SSRN Electronic Journal, 0, , .	0.4	2
123	A Deterministic Inventory/Production Model with General Inventory Cost Rate Function and Concave Production Costs. SSRN Electronic Journal, 0, , .	0.4	2
124	Perspectives in Supply Chain Risk Management: A Review. SSRN Electronic Journal, 0, , .	0.4	18
127	Purchase Decisions with Non-Linear Pricing Options Under Risk - Experimental Evidence. SSRN Electronic Journal, 0, , .	0.4	2
128	Opportunistic Scheduling with Deadline Constraints in Wireless Networks. Springer Optimization and Its Applications, 2011, , 127-155.	0.6	2
129	Supply Licensing When the Manufacturer Strategically Commits to Invest in R&D. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
130	Stochastic Inventory Models. Springer Series in Operations Research, 2014, , 151-175.	0.9	2
131	Newsvendor Experiment with Executive Participants: An Indian Case. SSRN Electronic Journal, 0, , .	0.4	0
132	Marketing, Inventory and Production Decisions. International Series in Quantitative Marketing, 1997, , 203-235.	0.5	0
133	Base stock list price policy in continuous time. Discrete and Continuous Dynamical Systems - Series B, 2017, 22, 1-28.	0.5	2
134	Referral, Learning and Inventory Decision Making in a Social Network. SSRN Electronic Journal, 0, , .	0.4	0
135	INVENTORY CONTROL WITH FIXED COST AND PRICE OPTIMIZATION IN CONTINUOUS TIME. Journal of Applied Analysis and Computation, 2018, 8, 805-835.	0.2	1
136	Dynamic Personalized Pricing with Inventory Considerations. SSRN Electronic Journal, 0, , .	0.4	0
137	The Price Theory and Empirics of Inventory Management. SSRN Electronic Journal, 0, , .	0.4	1
138	Day in the Life of Supply Chain Analysts in a Digital World. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 291-306.	0.3	0
139	Discrete-item Inventory Control involving Fixed Setup Costs, Demand Censoring, and Unknown Distribution. SSRN Electronic Journal, 0, , .	0.4	0
140	Interface of Operations and Finance: A Tutorial. Springer Series in Supply Chain Management, 2022, , 43-99.	0.5	3
141	Waste Not Want Not? The Environmental Implications of Quick Response and Upcycling. SSRN Electronic Journal, 0, , .	0.4	0
142	Deep reinforcement learning approach for solving joint pricing and inventory problem with reference price effects. Expert Systems With Applications, 2022, 195, 116564.	4.4	16
143	Plausible Screening Using Functional Properties for Simulations with Large Solution Spaces. Operations Research, 2022, 70, 3473-3489.	1.2	1
144	Volume flexibility at responsive suppliers in reshoring decisions: Analysis of a dual sourcing inventory model. Production and Operations Management, 0, , .	2.1	5
145	Data-driven ordering and transshipment decisions for online retailers and logistics service providers. Transportation Research, Part E: Logistics and Transportation Review, 2022, 161, 102684.	3.7	3
146	Double-ended queues with non-Poisson inputs and their effective algorithms. Computers and Operations Research, 2022, 144, 105793.	2.4	5
147	Fuzzy Gaussian mixture optimisation of the newsvendor problem: mixing fuzzy perception and randomness of customer demand. International Journal of Production Research, 2023, 61, 3459-3480.	4.9	1

#	ARTICLE	IF	CITATIONS
148	Optimal Robust Sourcing with Volume Flexibility: Anticipatory Ordering Using the Shifting Operator. SSRN Electronic Journal, 0, , .	0.4	0
149	Supply chain price variability under the buyback contract. Journal of Industrial and Production Engineering, 2023, 40, 301-322.	2.1	0
150	Day in the Life of Supply Chain Analysts in a Digital World. Advances in Logistics, Operations, and Management Science Book Series, 2023, , 303-320.	0.3	0
155	Integrated Approach of Lost-Sales Costing and Service Level Constraint for Continuous-Review Inventory Control. , 2023, , .		0