

Feinberg Eugene

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Average Cost Markov Decision Processes with Weakly Continuous Transition Probabilities. Mathematics of Operations Research, 2012, 37, 591-607.	0.8	87
2	Berge's theorem for noncompact image sets. Journal of Mathematical Analysis and Applications, 2013, 397, 255-259.	0.5	51
3	Optimality Inequalities for Average Cost Markov Decision Processes and the Stochastic Cash Balance Problem. Mathematics of Operations Research, 2007, 32, 769-783.	0.8	47
4	Partially Observable Total-Cost Markov Decision Processes with Weakly Continuous Transition Probabilities. Mathematics of Operations Research, 2016, 41, 656-681.	0.8	44
5	Optimality of D-Policies for an M/G/1 Queue with a Removable Server. Queueing Systems, 2002, 42, 355-376.	0.6	40
6	OPTIMALITY OF FOUR-THRESHOLD POLICIES IN INVENTORY SYSTEMS WITH CUSTOMER RETURNS AND BORROWING/STORAGE OPTIONS. Probability in the Engineering and Informational Sciences, 2005, 19, 45-71.	0.6	27
7	Optimality Conditions for Inventory Control. , 2016, , 14-45.		27
8	Splitting Randomized Stationary Policies in Total-Reward Markov Decision Processes. Mathematics of Operations Research, 2012, 37, 129-153.	0.8	26
9	Berge's maximum theorem for noncompact image sets. Journal of Mathematical Analysis and Applications, 2014, 413, 1040-1046.	0.5	25
10	Convergence of probability measures and Markov decision models with incomplete information. Proceedings of the Steklov Institute of Mathematics, 2014, 287, 96-117.	0.1	23
11	The value iteration algorithm is not strongly polynomial for discounted dynamic programming. Operations Research Letters, 2014, 42, 130-131.	0.5	18
12	Uniform Fatou's lemma. Journal of Mathematical Analysis and Applications, 2016, 444, 550-567.	0.5	18
13	A generalization of 'expectation equals reciprocal of intensity' to non-stationary exponential distributions. Journal of Applied Probability, 1994, 31, 262-267.	0.4	17
14	Total Reward Criteria. Profiles in Operations Research, 2002, , 173-207.	0.3	17
15	Nonatomic total rewards Markov decision processes with multiple criteria. Journal of Mathematical Analysis and Applications, 2002, 273, 93-111.	0.5	14
16	The multi-armed bandit, with constraints. Annals of Operations Research, 2013, 208, 37-62.	2.6	14
17	OPTIMALITY OF TRUNK RESERVATION FOR AN M/M/K/N QUEUE WITH SEVERAL CUSTOMER TYPES AND HOLDING COSTS. Probability in the Engineering and Informational Sciences, 2011, 25, 537-560.	0.6	13
18	Constrained discounted Markov decision processes with Borel state spaces. Automatica, 2020, 111, 108582.	3.0	13

#	ARTICLE	IF	CITATIONS
19	Generalized Pinwheel Problem. <i>Mathematical Methods of Operations Research</i> , 2005, 62, 99-122.	0.4	12
20	On the convergence of optimal actions for Markov decision processes and the optimality of $(\langle i \rangle, \langle i \rangle)$. <i>Operations Research</i> , 2007, 55, 1070-1080.	1.4	12
21	Continuity of Minima: Local Results. <i>Set-Valued and Variational Analysis</i> , 2015, 23, 485-499.	0.5	11
22	Optimal pricing for a GI/M/k/N queue with several customer types and holding costs. <i>Queueing Systems</i> , 2016, 82, 103-120.	0.6	11
23	On essential information in sequential decision processes. <i>Mathematical Methods of Operations Research</i> , 2005, 62, 399-410.	0.4	10
24	On the optimality equation for average cost Markov decision processes and its validity for inventory control. <i>Annals of Operations Research</i> , 2022, 317, 569-586.	2.6	9
25	Structure of optimal policies to periodic-review inventory models with convex costs and backorders for all values of discount factors. <i>Annals of Operations Research</i> , 2022, 317, 29-45.	2.6	8
26	Sufficiency of Deterministic Policies for Atomless Discounted and Uniformly Absorbing MDPs with Multiple Criteria. <i>SIAM Journal on Control and Optimization</i> , 2019, 57, 163-191.	1.1	8
27	Constrained Discounted Semi-Markov Decision Processes. <i>Mathematical Methods of Operations Research</i> , 2002, 61, 233-244.		8
28	Strong polynomiality of policy iterations for average-cost MDPs modeling replacement and maintenance problems. <i>Operations Research Letters</i> , 2013, 41, 249-251.	0.5	7
29	Examples concerning Abel and Cesàro limits. <i>Journal of Mathematical Analysis and Applications</i> , 2014, 420, 1654-1661.	0.5	7
30	OPTIMALITY OF RANDOMIZED TRUNK RESERVATION FOR A PROBLEM WITH MULTIPLE CONSTRAINTS. <i>Probability in the Engineering and Informational Sciences</i> , 2007, 21, .	0.6	6
31	Reduction of total-cost and average-cost MDPs with weakly continuous transition probabilities to discounted MDPs. <i>Operations Research Letters</i> , 2018, 46, 179-184.	0.5	6
32	On polynomial cases of the unichain classification problem for Markov Decision Processes. <i>Operations Research Letters</i> , 2008, 36, 527-530.	0.5	5
33	MDPs with setwise continuous transition probabilities. <i>Operations Research Letters</i> , 2021, 49, 734-740.	0.5	5
34	Optimality conditions for total-cost Partially Observable Markov Decision Processes. <i>Mathematical Methods of Operations Research</i> , 2013, 82, .		4
35	Modified policy iteration algorithms are not strongly polynomial for discounted dynamic programming. <i>Operations Research Letters</i> , 2014, 42, 429-431.	0.5	4
36	Continuity of equilibria for two-person zero-sum games with noncompact action sets and unbounded payoffs. <i>Annals of Operations Research</i> , 2022, 317, 537-568.	2.6	4

#	ARTICLE	IF	CITATIONS
37	On the reduction of total cost and average cost MDPs to discounted MDPs. Naval Research Logistics, 2019, 66, 38-56.	1.4	4
38	Sufficiency of Markov policies for continuous-time Markov decision processes and solutions to Kolmogorov's forward equation for jump Markov processes. , 2013, , .		3
39	OPTIMAL SWITCHING ON AND OFF THE ENTIRE SERVICE CAPACITY OF A PARALLEL QUEUE. Probability in the Engineering and Informational Sciences, 2015, 29, 483-506.	0.6	3
40	Complexity bounds for approximately solving discounted MDPs by value iterations. Operations Research Letters, 2020, 48, 543-548.	0.5	2
41	Sufficiency of Markov Policies for Continuous-Time Jump Markov Decision Processes. Mathematics of Operations Research, 2022, 47, 1266-1286.	0.8	2
42	Adaptive computation of optimal nonrandomized policies in constrained average-reward MDPs. , 2009, , .		1
43	STOCHASTIC SETUP-COST INVENTORY MODEL WITH BACKORDERS AND QUASICONVEX COST FUNCTIONS. Probability in the Engineering and Informational Sciences, 2020, 34, 429-468.	0.6	1
44	Variance minimization for constrained discounted continuous-time MDPs with exponentially distributed stopping times. Annals of Operations Research, 2013, 208, 433-450.	2.6	0
45	On the average-cost optimality equations and convergence of discounted-cost relative value functions for inventory control problems with quasiconvex cost functions. , 2017, , .		0
46	An example showing that $\liminf_{\epsilon \rightarrow 0} \inf_{\pi} \sup_{\mu} \int_0^\infty e^{-\epsilon t} \mathbb{E}_\pi [c(X_t)] dt > \inf_{\pi} \sup_{\mu} \int_0^\infty e^{-\epsilon t} \mathbb{E}_\pi [c(X_t)] dt$ lower semi-continuity is essential for minimax continuity theorems. Operations Research Letters, 2018, 46, 385-388.	0.5	0