

Pavel knopov

List of Publications by Year in descending order

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51
papers

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1162367

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55
all docs

55
docs citations

55
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Markov Fields with Finite State Space on Graphs. Stochastic Models, 2005, 21, 847-874.	0.3	28
2	Optimal strategies for an inventory system with cost functions of general form. Cybernetics and Systems Analysis, 1999, 35, 602-618.	0.4	14
3	Stochastic Optimization Models for Risk-Based Reservoir Management*. Cybernetics and Systems Analysis, 2019, 55, 55-64.	0.4	12
4	Asymptotic properties of some classes of M-estimates. Cybernetics and Systems Analysis, 1997, 33, 468-481.	0.4	11
5	Properties of empirical estimates in stochastic optimization and identification problems. Annals of Operations Research, 1995, 56, 225-239.	2.6	10
6	Estimation of Reliability Parameters Under Incomplete Primary Information. Theory and Decision, 2004, 57, 331-344.	0.5	10
7	Method of empirical means in stochastic programming problems. Cybernetics and Systems Analysis, 2006, 42, 773-785.	0.4	10
8	On large deviations of empirical estimates in a stochastic programming problem with time-dependent observations. Cybernetics and Systems Analysis, 2010, 46, 724-728.	0.4	9
9	Mathematical models and methods of risks assessment in ecologically hazardous industries. Cybernetics and Systems Analysis, 1994, 30, 259-273.	0.4	8
10	Estimating reliability parameters under insufficient information. Cybernetics and Systems Analysis, 2010, 46, 443-459.	0.4	8
11	Integrated modeling of food security management in Ukraine. II. Models for structural optimization of agricultural production under risk. Cybernetics and Systems Analysis, 2013, 49, 217-228.	0.4	8
12	Models of the Optimal Resource Allocation for the Critical Infrastructure Protection. Cybernetics and Systems Analysis, 2018, 54, 696-706.	0.4	8
13	Some scientific results of Yu. M. Ermoliev and his school in modern stochastic optimization theory. Cybernetics and Systems Analysis, 2011, 47, 835-853.	0.4	7
14	Integrated modeling of food security management in Ukraine. I. Model for management of the economic availability of food. Cybernetics and Systems Analysis, 2013, 49, 26-35.	0.4	7
15	Optimal admission control for M/D/1/K queueing systems. Mathematical Methods of Operations Research, 1999, 50, 91-100.	0.4	6
16	Mathematical Modeling of Distributed Catastrophic and Terrorist Risks ¹ . Cybernetics and Systems Analysis, 2015, 51, 85-95.	0.4	6
17	Nonparametric estimate of almost periodic signals. Cybernetics and Systems Analysis, 2007, 43, 362-367.	0.4	5
18	Some applied problems from random field theory. Cybernetics and Systems Analysis, 2010, 46, 62-71.	0.4	5

#	ARTICLE	IF	CITATIONS
19	On Markov stochastic processes with local interaction for solving some applied problems. Cybernetics and Systems Analysis, 2011, 47, 346-359.	0.4	5
20	Estimation and Control Problems for Stochastic Partial Differential Equations. Springer Optimization and Its Applications, 2013, , .	0.6	5
21	A Semi-Markov Inventory Control Model. Cybernetics and Systems Analysis, 2016, 52, 730-736.	0.4	5
22	Continuous-Time Switching Regression Method with Unknown Switching Points. Cybernetics and Systems Analysis, 2020, 56, 68-80.	0.4	5
23	Control problem for diffusion-type random fields. Cybernetics and Systems Analysis, 1995, 31, 52-64.	0.4	4
24	Consistency of least-square estimates for parameters of the gaussian regression model. Cybernetics and Systems Analysis, 1999, 35, 19-25.	0.4	3
25	Mathematical Modeling of Agricultural Crop Diversification in Ukraine: Scientific Approaches and Empirical Results*. Cybernetics and Systems Analysis, 2020, 56, 213-222.	0.4	3
26	Controlled semi-Markov fields with graph-structured compact state space. Theory of Probability and Mathematical Statistics, 2004, 69, 39-54.	0.3	2
27	On the problem of estimating the regression coefficients of random fields. Cybernetics and Systems Analysis, 1965, 1, 100-106.	0.0	2
28	Periodogram estimates in nonlinear regression models with long-range dependent noise. Cybernetics and Systems Analysis, 2013, 49, 624-631.	0.4	2
29	Control problems for markov processes with memory. Cybernetics and Systems Analysis, 1998, 34, 368-376.	0.4	1
30	On the Convergence of Empirical Estimates in Problems of Stochastic Programming for Processes with Discrete Time. Cybernetics and Systems Analysis, 2005, 41, 144-147.	0.4	1
31	Some approaches to pattern recognition problems. Cybernetics and Systems Analysis, 2007, 43, 810-821.	0.4	1
32	Control Problem for Diffusion-Type Random Fields. Springer Optimization and Its Applications, 2013, , 135-153.	0.6	1
33	Epidemics modeling. Cybernetics and Computer Technologies, 2020, , 30-43.	0.0	1
34	On estimating the spectrum of a homogeneous and isotropic Gaussian field. Cybernetics and Systems Analysis, 1965, 1, 68-76.	0.0	0
35	Estimate of the spectra of uniform and isotropic Gaussian fields. Ukrainian Mathematical Journal, 1969, 21, 81-84.	0.1	0
36	Convergence of empirical estimates in stochastic optimization problems. Cybernetics and Systems Analysis, 1991, 27, 297-303.	0.0	0

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37	Some models of continuous-time stochastic approximation. <i>Cybernetics and Systems Analysis</i> , 1995, 31, 863-868.	0.4	0
38	Stochastic games for distributed players on graphs. <i>Mathematical Methods of Operations Research</i> , 2004, 60, 279-298.	0.4	0
39	Convergence Conditions for the Observed Mean Method in Stochastic Programming. <i>Cybernetics and Systems Analysis</i> , 2018, 54, 45-59.	0.4	0
40	Large Deviations of Empirical Estimates in the Stochastic Programming Problem with Nonstationary Observations and Continuous Time. <i>Cybernetics and Systems Analysis</i> , 2019, 55, 772-777.	0.4	0
41	On One Model of Control of Insurance Company with Branch Network. <i>Journal of Automation and Information Sciences</i> , 2000, 32, 24-30.	0.7	0
42	On the Control Problem for Solution of Stochastic Differential Equation with Additive Fractional Brownian Motion. <i>Journal of Automation and Information Sciences</i> , 2010, 42, 78-83.	0.7	0
43	Asymptotic Properties of Parameters in Nonlinear Regression Models. <i>Springer Optimization and Its Applications</i> , 2012, , 29-71.	0.6	0
44	Method of Empirical Means in Nonlinear Regression and Stochastic Optimization Models. <i>Springer Optimization and Its Applications</i> , 2012, , 73-120.	0.6	0
45	Determination of Accuracy of Estimation of Regression Parameters Under Inequality Constraints. <i>Springer Optimization and Its Applications</i> , 2012, , 121-181.	0.6	0
46	Prediction of Linear Regression Evaluated Subject to Inequality Constraints on Parameters. <i>Springer Optimization and Its Applications</i> , 2012, , 211-221.	0.6	0
47	Modification of Information Technology for Hydrocarbons Prospecting Management. <i>Journal of Automation and Information Sciences</i> , 2012, 44, 1-14.	0.7	0
48	Stochastic Differential Equations on the Plane. <i>Springer Optimization and Its Applications</i> , 2013, , 37-92.	0.6	0
49	Two-Parameter Martingales and Their Properties. <i>Springer Optimization and Its Applications</i> , 2013, , 1-35.	0.6	0
50	Stochastic Processes in a Hilbert Space. <i>Springer Optimization and Its Applications</i> , 2013, , 155-175.	0.6	0
51	Filtration and Prediction Problems for Stochastic Fields. <i>Springer Optimization and Its Applications</i> , 2013, , 93-134.	0.6	0