

Mikhail Goubko

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

153
citations

1477746

6
h-index

1473754

9
g-index

26
all docs

26
docs citations

26
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Bilinear matrix equation characterizes Laplacian and distance matrices of weighted trees. <i>Discrete Applied Mathematics</i> , 2021, 305, 1-9.	0.5	0
2	Lower bound for the cost of connecting tree with given vertex degree sequence. <i>Journal of Complex Networks</i> , 2020, 8, .	1.1	1
3	Prediction of Solubility Parameters of Light Gases in Glassy Polymers on the Basis of Simulation of a Short Segment of a Polymer Chain. <i>Polymer Science - Series A</i> , 2019, 61, 718-732.	0.4	4
4	Improved spectral clustering for multi-objective controlled islanding of power grid. <i>Energy Systems</i> , 2019, 10, 59-94.	1.8	6
5	Maximizing Wiener index for trees with given vertex weight and degree sequences. <i>Applied Mathematics and Computation</i> , 2018, 316, 102-114.	1.4	9
6	Advanced Planning of Home Appliances with Consumerâ€™s Preference Learning. <i>Communications in Computer and Information Science</i> , 2018, , 249-259.	0.4	2
7	A novel model to predict infinite dilution solubility coefficients in glassy polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 228-244.	2.4	8
8	Gaming Experiments for Analysis of Pricing Mechanisms at Electricity Markets. <i>IFAC-PapersOnLine</i> , 2016, 49, 13-18.	0.5	7
9	Users' preference share as a criterion for hierarchical menu optimization. , 2016, , .		3
10	Bayesian Learning of Consumer Preferences for Residential Demand Response. <i>IFAC-PapersOnLine</i> , 2016, 49, 24-29.	0.5	8
11	Optimal Organizational Structures for Change Management in Production. <i>Intelligent Systems Reference Library</i> , 2016, , 59-83.	1.0	2
12	Active consumer: Optimization problems of power consumption and self-generation. <i>Automation and Remote Control</i> , 2014, 75, 551-562.	0.4	6
13	Degree-based topological indices: Optimal trees with given number of pendants. <i>Applied Mathematics and Computation</i> , 2014, 240, 387-398.	1.4	13
14	Semantic-aware optimization of user interface menus. <i>Automation and Remote Control</i> , 2013, 74, 1399-1411.	0.4	6
15	Mathematical model of hierarchical menu structure optimization. <i>Automation and Remote Control</i> , 2012, 73, 1410-1423.	0.4	4
16	Lower-bound Estimate for Cost-sensitive Decision Trees*. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011, 44, 9005-9010.	0.4	0
17	Optimal hierarchies of control for cost functions presentable as sum of homogenous functions. <i>Automation and Remote Control</i> , 2010, 71, 1913-1926.	0.4	2
18	An automated routine for menu structure optimization. , 2010, , .		9

#	ARTICLE	IF	CITATIONS
19	Algorithms to construct suboptimal organization hierarchies. Automation and Remote Control, 2009, 70, 147-162.	0.4	7
20	Mathematical models of formation of rational organizational hierarchies. Automation and Remote Control, 2008, 69, 1552-1575.	0.4	3
21	Optimal Hierarchies in Firms: a Theoretical Model. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 2962-2967.	0.4	1
22	Control of Organizational Systems with Network Interaction of Agents. I. A Review of Network Game Theory. Automation and Remote Control, 2004, 65, 1276-1291.	0.4	3
23	Control of Organizational Systems with Network Interaction of Agents. II. Stimulation Problems. Automation and Remote Control, 2004, 65, 1470-1485.	0.4	0
24	Structure of the Optimal Organization of a Continuum of Executives. Automation and Remote Control, 2002, 63, 1966-1979.	0.4	5