

# Alexander dudin

## List of Publications by Year in descending order

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180  
papers

2,193  
citations

236612

25  
h-index

344852

36  
g-index

187  
all docs

187  
docs citations

187  
times ranked

448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-dimensional asymptotically quasi-Toeplitz Markov chains and their application in queueing theory. <i>Queueing Systems</i> , 2006, 54, 245-259.	0.6	160
2	A Retrieval BMAP/PH/N System. <i>Queueing Systems</i> , 2002, 40, 433-457.	0.6	91
3	The Theory of Queueing Systems with Correlated Flows. , 2020, , .		66
4	Lack of Invariant Property of the Erlang Loss Model in Case of MAP Input. <i>Queueing Systems</i> , 2005, 49, 187-213.	0.6	55
5	A BMAP/SM/1 queueing system with Markovian arrival input of disasters. <i>Journal of Applied Probability</i> , 1999, 36, 868-881.	0.4	50
6	A retrial BMAP/SM/1 system with linear repeated requests. <i>Queueing Systems</i> , 2000, 34, 47-66.	0.6	49
7	Analysis of the BMAP/G/1 retrial system with search of customers from the orbit. <i>European Journal of Operational Research</i> , 2004, 157, 169-179.	3.5	46
8	Queueing systems with correlated arrival flows and their applications to modeling telecommunication networks. <i>Automation and Remote Control</i> , 2017, 78, 1361-1403.	0.4	46
9	Queueing system BMAP/G/1 with repeated calls. <i>Mathematical and Computer Modelling</i> , 1999, 30, 115-128.	2.0	43
10	BMAP/SM/1 queue with Markovian input of disasters and non-instantaneous recovery. <i>Performance Evaluation</i> , 2001, 45, 19-32.	0.9	39
11	The BMAP/PH/N retrial queueing system operating in Markovian random environment. <i>Computers and Operations Research</i> , 2010, 37, 1228-1237.	2.4	37
12	A Multi-Server Retrieval Queue with BMAP Arrivals and Group Services. <i>Queueing Systems</i> , 2002, 42, 5-31.	0.6	35
13	Multi-dimensional quasitoeplitz Markov chains. <i>Journal of Applied Mathematics and Stochastic Analysis</i> , 1999, 12, 393-415.	0.3	33
14	Analysis of a retrial queueing model with MAP arrivals and two types of customers. <i>Mathematical and Computer Modelling</i> , 2003, 37, 343-363.	2.0	33
15	The tandem queue with losses. <i>Performance Evaluation</i> , 2005, 61, 17-40.	0.9	32
16	Erlang loss queueing system with batch arrivals operating in a random environment. <i>Computers and Operations Research</i> , 2009, 36, 674-697.	2.4	32
17	Stationary analysis of a retrial queue with preemptive repeated attempts. <i>Operations Research Letters</i> , 2001, 28, 173-180.	0.5	31
18	Computation of the steady state distribution for multi-server retrial queues with phase type service process. <i>Annals of Operations Research</i> , 2012, 201, 307-323.	2.6	31

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19	The tandem queue with feedback and losses. Performance Evaluation, 2007, 64, 802-818.	0.9	30
20	A BMAP/PH/N SYSTEM WITH IMPATIENT REPEATED CALLS. Asia-Pacific Journal of Operational Research, 2007, 24, 293-312.	0.9	29
21	Investigation of the overflow="scroll"><math>BMAP</math> tandem queue with retrials and losses. Applied Mathematical Modelling, 2010, 34, 2926-2940.	0.9	28
22	Analysis and optimization of Guard Channel Policy in cellular mobile networks with account of retrials. Computers and Operations Research, 2014, 43, 181-190.	2.4	28
23	The BMAP/SM/1 retrial queue with controllable operation modes. European Journal of Operational Research, 2001, 131, 16-30.	3.5	27
24	Tandem queueing system with infinite and finite intermediate buffers and generalized phase-type service time distribution. European Journal of Operational Research, 2014, 235, 170-179.	3.5	27
25	Modeling the access to a wireless network at hot spots. European Transactions on Telecommunications, 2005, 16, 309-316.	1.2	26
26	Optimal Control for an Mx/G/1 Queue with Two Operation Modes. Probability in the Engineering and Informational Sciences, 1997, 11, 255-265.	0.6	25
27	Optimal multithreshold control for a BMAP/G/1 queue with N service modes. Queueing Systems, 1998, 30, 273-287.	0.6	23
28	Analysis of a retrial queue with group service of impatient customers. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 2591-2599.	3.3	22
29	A stable algorithm for stationary distribution calculation for a BMAP/SM/1 queueing system with Markovian arrival input of disasters. Journal of Applied Probability, 2004, 41, 547-556.	0.4	21
30	Tandem queueing system with impatient customers as a model of call center with Interactive Voice Response. Performance Evaluation, 2013, 70, 440-453.	0.9	20
31	Priority tandem queueing system with retrials and reservation of channels as a model of call center. Computers and Industrial Engineering, 2016, 96, 61-71.	3.4	20
32	Multi-server retrial model with variable number of active servers. Computers and Industrial Engineering, 2005, 48, 273-288.	3.4	19
33	Hysteresis control by the number of active servers in queueing system with priority service. Performance Evaluation, 2016, 101, 20-33.	0.9	19
34	Analysis of priority retrial queue with many types of customers and servers reservation as a model of cognitive radio system. IEEE Transactions on Communications, 2016, , 1-1.	4.9	18
35	A BMAP PH 1 queue with feedback operating in a random environment. Mathematical and Computer Modelling, 2005, 41, 867-882.	2.0	17
36	The retrial queueing system operating in random environment. Journal of Statistical Planning and Inference, 2007, 137, 3904-3916.	0.4	17

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37	Performance analysis of the queue with gated servicing and adaptive vacations. Performance Evaluation, 2011, 68, 446-462.	0.9	17
38	Priority Multi-Server Queueing System with Heterogeneous Customers. Mathematics, 2020, 8, 1501.	1.1	17
39	Analysis of an $M/MAP/PH_{1,2}/N$ queueing system operating in a random environment. International Journal of Applied Mathematics and Computer Science, 2014, 24, 485-501.	1.5	17
40	A multiserver MAP/PH/N system with controlled broadcasting by unreliable servers. Automatic Control and Computer Sciences, 2009, 43, 247-256.	0.4	16
41	Single server retrial queue with group admission of customers. Computers and Operations Research, 2015, 61, 89-99.	2.4	16
42	Queueing System with Two Types of Customers and Dynamic Change of a Priority. Mathematics, 2020, 8, 824.	1.1	16
43	Optimal control for a BMAP/G/1 queue with two service modes. Mathematical Problems in Engineering, 1999, 5, 255-273.	0.6	15
44	A stable algorithm for stationary distribution calculation for a BMAP/SM/1 queueing system with Markovian arrival input of disasters. Journal of Applied Probability, 2004, 41, 547-556.	0.4	15
45	The SM/M/N queueing system with broadcasting service. Mathematical Problems in Engineering, 2006, 2006, 1-18.	0.6	15
46	Optimal multi-threshold control by the BMAP/SM/1 retrial system. Annals of Operations Research, 2006, 141, 193-210.	2.6	15
47	On an $M(X)/G/1$ Retrial System with Two Types of Search of Customers from the Orbit. Stochastic Analysis and Applications, 2013, 31, 92-107.	0.9	15
48	Analysis of unreliable BMAP/PH/N type queue with Markovian flow of breakdowns. Applied Mathematics and Computation, 2017, 314, 154-172.	1.4	15
49	BMAP   SM $\rightarrow$ 1 model with Markov modulated retrials. Top, 1999, 7, 267-278.	1.1	14
50	Priority retrial queueing model operating in random environment with varying number and reservation of servers. Applied Mathematics and Computation, 2015, 269, 674-690.	1.4	14
51	A Two-Phase BMAP   G   1   N $\rightarrow$ PH   1   M $\rightarrow$ 1 System with Blocking. Automation and Remote Control, 2004, 65, 104-115.	0.4	13
52	Investigation of the queue with restricted admission of priority customers and its application to HSDPA mobile systems. Computer Networks, 2009, 53, 1186-1201.	3.2	13
53	Approximate Method to Study M/G/1-Type Polling System with Adaptive Polling Mechanism. Quality Technology and Quantitative Management, 2012, 9, 211-228.	1.1	13
54	A multi-server queueing system with service interruption, partial protection and repetition of service. Annals of Operations Research, 2015, 233, 101-121.	2.6	13

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55	Effective algorithm for computation of the stationary distribution of multi-dimensional level-dependent Markov chains with upper block-Hessenberg structure of the generator. Journal of Computational and Applied Mathematics, 2020, 366, 112425.	1.1	13
56	Methods of Performance Evaluation of Broadband Wireless Networks Along the Long Transport Routes. Communications in Computer and Information Science, 2016, , 72-85.	0.4	13
57	Optimal hysteretic control for aBMAP/SM/1/Nqueue with two operation modes. Mathematical Problems in Engineering, 2000, 5, 397-419.	0.6	12
58	Title is missing!. Automation and Remote Control, 2002, 63, 1285-1297.	0.4	12
59	Multi-server queueing system with a generalized phase-type service time distribution as a model of call center with a call-back option. Annals of Operations Research, 2016, 239, 401-428.	2.6	12
60	Analysis of a semi-open queueing network with Markovian arrival process. Performance Evaluation, 2018, 120, 1-19.	0.9	12
61	Analysis of queueing model with processor sharing discipline and customers impatience. Operations Research Perspectives, 2018, 5, 245-255.	1.2	12
62	On a queueing-inventory system with advanced reservation and cancellation for the next K time frames ahead: the case of overbooking. Queueing Systems, 2020, 94, 3-37.	0.6	12
63	Tandem Queueing System with Correlated Input and Cross-Traffic. Communications in Computer and Information Science, 2013, , 416-425.	0.4	12
64	Optimal Hysteretic Control for the BMAP/G/ 1 System with Single and Group Service Modes. Annals of Operations Research, 2002, 112, 153-169.	2.6	11
65	Multiserver queue with addressed retrials. Annals of Operations Research, 2006, 141, 283-301.	2.6	11
66	Recursive formulas for the moments of queue length in the BMAP/G/1 queue. IEEE Communications Letters, 2009, 13, 351-353.	2.5	11
67	Optimal threshold control by the robots of web search engines with obsolescence of documents. Computer Networks, 2011, 55, 1880-1893.	3.2	11
68	A queueing model for crowdsourcing. Journal of the Operational Research Society, 2017, 68, 221-236.	2.1	11
69	Mathematical Models for the Operation of a Cell With Bandwidth Sharing and Moving Users. IEEE Transactions on Wireless Communications, 2020, 19, 744-755.	6.1	11
70	On a BMAP/G/1 Retrial System with Two Types of Search of Customers from the Orbit. Communications in Computer and Information Science, 2017, , 1-12.	0.4	11
71	Novel Queueing Model for Multimedia Over Downlink in 3.5G Wireless Network. Journal of Communications Software and Systems, 2017, 2, 68.	0.6	11
72	A queueing system with batch arrival of customers in sessions. Computers and Industrial Engineering, 2012, 62, 890-897.	3.4	10

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73	A G/M/1 retrial queue with constant retrial rate. Top, 2014, 22, 509-529.	1.1	10
74	Analysis of a Priority Queue with Phase-Type Service and Failures. International Journal of Stochastic Analysis, 2016, 2016, 1-11.	0.3	10
75	Mathematical Model of Operation of a Cell of a Mobile Communication Network With Adaptive Modulation Schemes and Handover of Mobile Users. IEEE Access, 2021, 9, 106933-106946.	2.6	10
76	An Optimal Multithreshold Control for the Input Flow of the GI/PH/1 Queueing System with a BMAP Flow of Negative Customers. Automation and Remote Control, 2004, 65, 1417-1428.	0.4	9
77	Mathematical analysis of the multi-server queueing model for dynamic channel reservation in wireless networks. IEEE Communications Letters, 2006, 10, 855-857.	2.5	9
78	On the Stationary Distribution of Tandem Queue Consisting of a Finite Number of Stations. Communications in Computer and Information Science, 2012, , 383-392.	0.4	9
79	ABMAP/PH/NQueue with Negative Customers and Partial Protection of Service. Communications in Statistics Part B: Simulation and Computation, 2012, 41, 1062-1082.	0.6	9
80	Improvement of the Fairness of Non-Preemptive Priorities in the Transmission of Heterogeneous Traffic. Mathematics, 2020, 8, 929.	1.1	9
81	Multi-threshold control of the BMAP/SM/1/K queue with group services. Journal of Applied Mathematics and Stochastic Analysis, 2003, 16, 327-347.	0.3	9
82	A RETRIAL QUEUEING MODEL WITH MAP ARRIVALS, CATASTROPHIC FAILURES WITH REPAIRS, AND CUSTOMER IMPATIENCE. Asia-Pacific Journal of Operational Research, 2010, 27, 727-752.	0.9	8
83	A TandemBMAP/G/1 with M/N/0Queue with Group Occupation of Servers at the Second Station. Mathematical Problems in Engineering, 2012, 2012, 1-26.	0.6	8
84	Analysis of Multiserver Queueing System with Opportunistic Occupation and Reservation of Servers. Mathematical Problems in Engineering, 2014, 2014, 1-13.	0.6	8
85	Retrial queue with discipline of adaptive permanent pooling. Applied Mathematical Modelling, 2017, 50, 1-16.	2.2	8
86	Competitive queueing systems with comparative rating dependent arrivals. Operations Research Perspectives, 2020, 7, 100139.	1.2	8
87	Self-Service System with Rating Dependent Arrivals. Mathematics, 2022, 10, 297.	1.1	8
88	Multi-server queueing systems with cooperation of the servers. Annals of Operations Research, 2008, 162, 57-68.	2.6	7
89	Analysis and optimization of Guard Channel Policy with buffering in cellular mobile networks. Computer Networks, 2016, 107, 258-269.	3.2	7
90	Analysis of the BMAP/G/1 queue with gated service and adaptive vacations duration. Telecommunication Systems, 2016, 61, 403-415.	1.6	7

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91	Analysis of a strategy of adaptive group admission of customers to single server retrial system. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 123-135.	3.3	7
92	Analysis of Unreliable Single Server Queueing System with Hot Back-Up Server. Communications in Computer and Information Science, 2015, , 149-161.	0.4	7
93	Analysis of a Retrial Queue with Limited Processor Sharing Operating in the Random Environment. Lecture Notes in Computer Science, 2017, , 38-49.	1.0	7
94	Priority queueing system with many types of requests and restricted processor sharing. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 12651-12662.	3.3	7
95	Unreliable multi-server system with controllable broadcasting service. Automation and Remote Control, 2009, 70, 2073-2084.	0.4	6
96	Generalized survivability analysis of systems with propagated failures. Computers and Mathematics With Applications, 2012, 64, 3777-3791.	1.4	6
97	$\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ id}=\text{"M1"} \rangle \langle \text{mml:mi} \rangle \text{M} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{A} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{P} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{M} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{A}$ System with Absolute Priority and Reservation of Servers. Mathematical Problems in Engineering, 2014, 2014, 1-15.	0.6	6
98	The MMAP/M/R/O queueing system with reservation of servers operating in a random environment. Problems of Information Transmission, 2015, 51, 289-298.	0.3	6
99	Optimization of the service strategy in a queueing system with energy harvesting and customersâ€™ impatience. International Journal of Applied Mathematics and Computer Science, 2016, 26, 367-378.	1.5	6
100	Analysis of an MAP/PH/1 Queue with Flexible Group Service. International Journal of Applied Mathematics and Computer Science, 2017, 27, 119-131.	1.5	6
101	Analysis of the BMAP/PH/N queueing system with backup servers. Applied Mathematical Modelling, 2018, 57, 64-84.	2.2	6
102	Analysis of Single-Server Multi-Class Queue with Unreliable Service, Batch Correlated Arrivals, Customers Impatience, and Dynamical Change of Priorities. Mathematics, 2021, 9, 1257.	1.1	6
103	A two-priority single server retrial queue with additional items. Journal of Industrial and Management Optimization, 2020, 16, 2891-2912.	0.8	6
104	Analysis of a priority queueing system with the enhanced fairness of servers scheduling. Journal of Ambient Intelligence and Humanized Computing, 2024, 15, 465-477.	3.3	6
105	Multi-Server Queueing Model with Broadcasting Service. IEEE Communications Letters, 2007, 11, 546-548.	2.5	5
106	Analysis of Queueing System with Non-Preemptive Time Limited Service and Impatient Customers. Methodology and Computing in Applied Probability, 2020, 22, 401-432.	0.7	5
107	Queueing System MAP/M/N as a Model of Call Center with Call-Back Option. Lecture Notes in Computer Science, 2012, , 1-15.	1.0	5
108	Retrial BMAP/PH/N Queueing System with a Threshold-Dependent Inter-Retrial Time Distribution. Mathematics, 2022, 10, 269.	1.1	5

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109	Optimal Hysteresis Control for an Unreliable BMAP/SM/1 System with Two Operation Modes. Automation and Remote Control, 2002, 63, 1585-1596.	0.4	4
110	Optimal admission control in a queueing system with heterogeneous traffic. Operations Research Letters, 2003, 31, 108-118.	0.5	4
111	Threshold control by a single-server retrial queue with batch arrivals and group services. Operations Research Letters, 2006, 34, 548-556.	0.5	4
112	M M N queueing system with controlled service mode and disaster. Automatic Control and Computer Sciences, 2007, 41, 350-357.	0.4	4
113	Queueing Model with Gated Service and Adaptive Vacations. , 2009, , .		4
114	Retrial queue of BMAP/PH/N type with customers balking, impatience and non-persistence. , 2013, , .		4
115	Performance evaluation of a wireless sensor node with energy harvesting and varying conditions of operation. , 2017, , .		4
116	On a tandem queue with retrials and losses and state dependent arrival, service and retrial rates. International Journal of Operational Research, 2017, 29, 170.	0.1	4
117	A Customer Service Model in an Adaptive-Modulation Mobile Communication Cell with Allowance for Random Environment. Automation and Remote Control, 2021, 82, 812-826.	0.4	4
118	Quantitative Analysis of Single-Level Single-Mediator Multi-agent Systems. Lecture Notes in Computer Science, 2007, , 447-455.	1.0	4
119	Tandem Retrial Queueing System with Correlated Arrival Flow and Operation of the Second Station Described by a Markov Chain. Communications in Computer and Information Science, 2012, , 370-382.	0.4	4
120	Markov Chains with Hybrid Repeating Rows - Upper-Hessenberg, Quasi-Toeplitz Structure of the Block Transition Probability Matrix. Journal of Applied Probability, 2008, 45, 211-225.	0.4	4
121	A Retrial BMAP/PH/N queueing system with Markov modulated retrials. , 2012, , .		3
122	The MAP/PH/N multi-server queueing system with broadcasting service discipline and server heating. Automatic Control and Computer Sciences, 2013, 47, 173-182.	0.4	3
123	Analysis of Multiserver Retrial Queueing System with Varying Capacity and Parameters. Mathematical Problems in Engineering, 2015, 2015, 1-12.	0.6	3
124	Analysis of a Semi-Open Queueing Network with a State Dependent Marked Markovian Arrival Process, Customers Retrials and Impatience. Mathematics, 2019, 7, 715.	1.1	3
125	Analysis of a Wireless Sensor Node with Varying Rates of Energy Harvesting and Consumption. Lecture Notes in Computer Science, 2017, , 172-182.	1.0	3
126	Retrial Queueing Model MMAP/M 2/1 with Two Orbits. Lecture Notes in Computer Science, 2010, , 107-118.	1.0	3



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127	A BATCH MARKOVIAN QUEUE WITH A VARIABLE NUMBER OF SERVERS AND GROUP SERVICES. , 2002, , .		3
128	Queueing System Operating in Random Environment as a Model of a Cell Operation. Industrial Engineering and Management Systems, 2016, 15, 131-142.	0.3	3
129	Retrial Queueing System with Correlated Input, Finite Buffer, and Impatient Customers. Lecture Notes in Computer Science, 2013, , 262-276.	1.0	3
130	A Multiphase Queueing Model for Performance Analysis of a Multi-hop IEEE 802.11 Wireless Network with DCF Channel Access. Communications in Computer and Information Science, 2019, , 162-176.	0.4	3
131	Unreliable Retrial Queueing System with Backup Server. Lecture Notes in Computer Science, 2021, , 308-322.	1.0	3
132	Algorithmic analysis of a multiserver markovian queue with primary and secondary services. Computers and Mathematics With Applications, 2005, 50, 1251-1270.	1.4	2
133	Markov Chains with Hybrid Repeating Rows - Upper-Hessenberg, Quasi-Toeplitz Structure of the Block Transition Probability Matrix. Journal of Applied Probability, 2008, 45, 211-225.	0.4	2
134	A tandemGI/PH/1/â€¢/PH/1/Oqueue with blocking. Applied Mathematical Modelling, 2013, 37, 6809-6820.	2.2	2
135	Analysis of the MAP/PH/1 service system with repeat calls and energy audit. Automatic Control and Computer Sciences, 2015, 49, 277-285.	0.4	2
136	Analysis of the BMAP/SM/1/N Type System with Randomized Choice of Customers Admission Discipline. Communications in Computer and Information Science, 2016, , 44-56.	0.4	2
137	Multi-threshold control by a single-server queueing model with a service rate depending on the amount of harvested energy. Performance Evaluation, 2018, 127-128, 1-20.	0.9	2
138	Optimization of Queueing Model with Server Heating and Cooling. Mathematics, 2019, 7, 768.	1.1	2
139	Analysis of Multi-Server Queue with Self-Sustained Servers. Mathematics, 2021, 9, 2134.	1.1	2
140	Queueing System MAP/PH/N with Propagated Failures. Lecture Notes in Computer Science, 2010, , 14-28.	1.0	2
141	Socio-behavioral Scheduling of Time-Frequency Resources for Modern Mobile Operators. Communications in Computer and Information Science, 2013, , 69-82.	0.4	2
142	Queueing System MAP PH N R with Session Arrivals Operating in Random Environment. Communications in Computer and Information Science, 2013, , 406-415.	0.4	2
143	A dual tandem queueing system with a finite intermediate buffer and cross traffic. , 2010, , .		2
144	Tandem Queues with Correlated Arrivals and Their Application to System Structure Performance Evaluation. , 2020, , 307-392.		2

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145	Mathematical Methods to Study Classical Queuing Systems. , 2020, , 1-61.		2
146	Methods to Study Queuing Systems with Correlated Arrivals. , 2020, , 63-146.		2
147	Analysis of Retrial Queue with Heterogeneous Servers and Markovian Arrival Process. Infosys Science Foundation Series, 2020, , 29-49.	0.3	2
148	Multi-server queueing system with batch arrivals and varying environment. , 2008, , .		1
149	Approximate Analysis for M/G/1-Polling System with Adaptive Polling Mechanism. , 2009, , .		1
150	Survivability of the MAP/PH/N queue with propagated failures. , 2010, , .		1
151	Idle time utilization through service to customers in a retrial queue maintaining high system reliability*. Journal of Mathematical Sciences, 2013, 191, 506-517.	0.1	1
152	Performance Analysis of Unreliable Queue with Back-Up Server. Communications in Computer and Information Science, 2015, , 226-239.	0.4	1
153	Computation of the moments of queue length in theBMAP $\hat{\ast}$ SM $\hat{\ast}$ 1queue. Operations Research Letters, 2017, 45, 467-470.	0.5	1
154	A Multi-server Queueing System with Backup Servers. Communications in Computer and Information Science, 2018, , 117-128.	0.4	1
155	A Retrial Queueing System with Alternating Inter-retrial Time Distribution. Lecture Notes in Computer Science, 2018, , 302-315.	1.0	1
156	A Retrial Queueing System with Processor Sharing. Communications in Computer and Information Science, 2021, , 46-60.	0.4	1
157	Algorithmic Analysis of Dual Tandem Queue with Batch Markovian Arrival Process and Repeated Attempts at the First Station. Communications in Computer and Information Science, 2014, , 190-203.	0.4	1
158	Multi-server Queueing System $MAP/M/N^{\{r\}}/\infty$ $MAP/M/N(r)/\hat{\ast}$ Operating in Random Environment. Communications in Computer and Information Science, 2015, , 306-315.	0.4	1
159	Analysis Of Unreliable Multi-Server Queueing System With Breakdowns Spread And Quarantine. , 2017, , .		1
160	Optimal Control by the Queue with Rate and Quality of Service Depending on the Amount of Harvested Energy as a Model of the Node of Wireless Sensor Network. Lecture Notes in Computer Science, 2019, , 165-178.	1.0	1
161	Optimization of road design via the use of a queueing model with transit and local users and processor sharing discipline. Optimization, 2022, 71, 3147-3164.	1.0	1
162	The model of queueing network with parallel routes. Automation and Remote Control, 2007, 68, 1055-1068.	0.4	0

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163	Performance Analysis of Multi-Server Queueing System Operating under Control of a Random Environment. , 0, , .		0
164	Tandem queueing system MAP&#x007C;M&#x007C;N&#x007C;K - N &#x2192;&#x25CF;&#x007C;M&#x007C;R&#x007C;&#x221E; with impatient customers as a model of remote technical support. , 2012, , .		0
165	Retrial Queue with Lattice Distribution of Inter-Arrival Times and Constant Retrial Rate. , 2014, , .		0
166	An MMAP/G/1 queueing system with repeated calls and with absolute priority. Automatic Control and Computer Sciences, 2014, 48, 264-273.	0.4	0
167	Comments on: Queueing models for the analysis of communication systems. Top, 2014, 22, 454-457.	1.1	0
168	Improved Priority Scheme for Unreliable Queueing System. Communications in Computer and Information Science, 2021, , 16-30.	0.4	0
169	Vacation Queueing Model for Performance Evaluation of Multiple Access Information Transmission Systems without Transmission Interruption. Mathematics, 2021, 9, 1508.	1.1	0
170	Investigation of Queueing System Suitable for Mathematical Modelling of TCP Short Transfer. Lecture Notes in Computer Science, 2012, , 122-133.	1.0	0
171	Study of Unreliable Multiserver Queueing System of MAP/PH/N Type with Broadcasting Service Discipline. , 2013, , 917-926.		0
172	Analysis of Two-Server Queueing Model with Phase-Type Service Time Distribution and Common Phases of Service. Communications in Computer and Information Science, 2016, , 19-29.	0.4	0
173	Stationary Distribution of Waiting Time in MAP/G/1/N Queueing System with LIFO Service Discipline. Lecture Notes in Computer Science, 2017, , 50-61.	1.0	0
174	Unreliable Queueing System with Threshold Strategy of the Backup Server Connection. Lecture Notes in Computer Science, 2019, , 249-262.	1.0	0
175	Mathematical Models and Methods of Investigation of Hybrid Communication Networks Based on Laser and Radio Technologies. , 2020, , 241-306.		0
176	Queueing Systems with Waiting Space and Correlated Arrivals and Their Application to Evaluation of Network Structure Performance. , 2020, , 147-202.		0
177	Retrial Queueing Systems with Correlated Input Flows and Their Application for Network Structures Performance Evaluation. , 2020, , 203-240.		0
178	Optimization of Signals Processing in Nodes of Sensor Network with Energy Harvesting and Expenditure for Admission and Transmission. Lecture Notes in Computer Science, 2020, , 406-421.	1.0	0
179	Queueing System with Two Unreliable Servers and Backup Server as a Model of Hybrid Communication System. Lecture Notes in Computer Science, 2020, , 176-195.	1.0	0
180	Analysis of Multi-server Loss Queueing System with Batch Marked Markov Arrival Process. Lecture Notes in Computer Science, 2021, , 182-195.	1.0	0