

Tadashi Dohi

List of Publications by Year in descending order

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275
papers

2,537
citations

331259

21
h-index

360668

35
g-index

286
all docs

286
docs citations

286
times ranked

1012
citing authors

#	ARTICLE	IF	CITATIONS
1	Gompertz software reliability model: Estimation algorithm and empirical validation. Journal of Systems and Software, 2009, 82, 535-543.	3.3	121
2	Estimating Software Rejuvenation Schedules in High-Assurance Systems. Computer Journal, 2001, 44, 473-485.	1.5	114
3	Markovian Arrival Process Parameter Estimation With Group Data. IEEE/ACM Transactions on Networking, 2009, 17, 1326-1339.	2.6	75
4	Software reliability growth models with normal failure time distributions. Reliability Engineering and System Safety, 2013, 116, 135-141.	5.1	70
5	Optimal software release scheduling based on artificial neural networks. Annals of Software Engineering, 1999, 8, 167-185.	0.5	63
6	Optimal design of unreliable production inventory systems with variable production rate. European Journal of Operational Research, 2005, 162, 372-386.	3.5	58
7	Optimal control of preventive maintenance schedule and safety stocks in an unreliable manufacturing environment. International Journal of Production Economics, 2001, 74, 147-155.	5.1	49
8	Inspection scheduling for imperfect production processes under free repair warranty contract. European Journal of Operational Research, 2007, 183, 238-252.	3.5	49
9	A refined EM algorithm for PH distributions. Performance Evaluation, 2011, 68, 938-954.	0.9	49
10	Exact formulation of stochastic EMQ model for an unreliable production system. Journal of the Operational Research Society, 2005, 56, 563-575.	2.1	44
11	Distribution-Free Checkpoint Placement Algorithms Based on Min-Max Principle. IEEE Transactions on Dependable and Secure Computing, 2006, 3, 130-140.	3.7	42
12	Metrics-Based Software Reliability Models Using Non-homogeneous Poisson Processes. Software Reliability Engineering (ISSRE), Proceedings of the IEEE International Symposium on, 2006, , .	0.0	35
13	A reliability assessment method for software products in operational phase?proposal of an accelerated life testing model. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai Ronbunshi), 2001, 84, 25-33.	0.1	31
14	Optimal lot sizing for an unreliable production system based on net present value approach. International Journal of Production Economics, 2004, 92, 157-167.	5.1	30
15	On the optimal ordering policies in maintenance theory survey and applications. Applied Stochastic Models and Data Analysis, 1998, 14, 309-321.	0.6	28
16	Faster Maximum Likelihood Estimation Algorithms for Markovian Arrival Processes. , 2009, , .		28
17	Computational aspects of an extended EMQ model with variable production rate. Computers and Operations Research, 2005, 32, 3143-3161.	2.4	27
18	SRATS: Software reliability assessment tool on spreadsheet (Experience report). , 2013, , .		27

#	ARTICLE	IF	CITATIONS
19	Wavelet Shrinkage Estimation for Non-Homogeneous Poisson Process Based Software Reliability Models. IEEE Transactions on Reliability, 2013, 62, 211-225.	3.5	26
20	Availability Analysis of an Intrusion Tolerant Distributed Server System With Preventive Maintenance. IEEE Transactions on Reliability, 2010, 59, 18-29.	3.5	25
21	Enhancing Performance of Random Testing through Markov Chain Monte Carlo Methods. IEEE Transactions on Computers, 2013, 62, 186-192.	2.4	24
22	A Comprehensive Evaluation of Software Rejuvenation Policies for Transaction Systems With Markovian Arrivals. IEEE Transactions on Reliability, 2017, 66, 1157-1177.	3.5	24
23	A Multi-factor Software Reliability Model Based on Logistic Regression. , 2010, , .		23
24	A graphical method to repair-cost limit replacement policies with imperfect repair. Mathematical and Computer Modelling, 2000, 31, 99-106.	2.0	22
25	Towards quantitative software reliability assessment in incremental development processes. , 2011, , .		22
26	Dynamic software rejuvenation policies in a transaction-based system under Markovian arrival processes. Performance Evaluation, 2013, 70, 197-211.	0.9	22
27	Optimal Security Patch Release Timing under Non-homogeneous Vulnerability-Discovery Processes. , 2009, , .		21
28	Comprehensive evaluation of aperiodic checkpointing and rejuvenation schemes in operational software system. Journal of Systems and Software, 2010, 83, 1591-1604.	3.3	21
29	Determining the Optimal Software Rejuvenation Schedule via Semi-Markov Decision Process. Journal of Computer Science, 2006, 2, 528-534.	0.5	21
30	Phase-type software reliability model: parameter estimation algorithms with grouped data. Annals of Operations Research, 2016, 244, 177-208.	2.6	20
31	A new graphical method to estimate the optimal repair-time limit with incomplete repair and discounting. Computers and Mathematics With Applications, 2003, 46, 999-1007.	1.4	19
32	Numerical computation algorithms for sequential checkpoint placement. Performance Evaluation, 2009, 66, 311-326.	0.9	19
33	Availability importance measures of components in smart electric power grid systems. Reliability Engineering and System Safety, 2021, 205, 107164.	5.1	19
34	GRAPHICAL/STATISTICAL APPROACH TO REPAIR LIMIT REPLACEMENT PROBLEM. Journal of the Operations Research Society of Japan, 1996, 39, 230-246.	0.3	18
35	Variational Bayesian Approach for Interval Estimation of NHPP-Based Software Reliability Models. , 2007, , .		18
36	Optimal Software Release Policies with Debugging Time Lag. International Journal of Reliability, Quality and Safety Engineering, 1997, 04, 241-255.	0.4	17

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37	Building Phase-Type Software Reliability Models. , 2006, , .		17
38	Quantifying the Effectiveness of Testing Efforts on Software Fault Detection with a Logit Software Reliability Growth Model. , 2011, , .		17
39	Improvement of expectationâ€“maximization algorithm for phaseâ€“type distributions with grouped and truncated data. Applied Stochastic Models in Business and Industry, 2013, 29, 141-156.	0.9	17
40	A Fast EM Algorithm for Fitting Marked Markovian Arrival Processes with a New Special Structure. Lecture Notes in Computer Science, 2013, , 119-133.	1.0	17
41	Software reliability assessment models based on cumulative bernoulli trial processes. Mathematical and Computer Modelling, 2003, 38, 1177-1184.	2.0	16
42	Behavioral Analysis of a Fault-Tolerant Software System with Rejuvenation. IEICE Transactions on Information and Systems, 2005, E88-D, 2681-2690.	0.4	16
43	Transient Analysis of Software Rejuvenation Policies in Virtualized System: Phase-Type Expansion Approach. Quality Technology and Quantitative Management, 2014, 11, 335-351.	1.1	15
44	The Optimal Lot Sizing for Unreliable Economic Manufacturing Model. International Journal of Reliability, Quality and Safety Engineering, 1997, 04, 413-426.	0.4	14
45	Optimal continuous review policies for spare part provisioning with random lead times. International Journal of Production Economics, 1998, 55, 257-271.	5.1	14
46	Two-Dimensional Software Reliability Models and Their Application. , 2006, , .		14
47	Proportional Intensity-Based Software Reliability Modeling with Time-Dependent Metrics. , 2006, , .		14
48	Toward high assurance software systems with adaptive fault management. Software Quality Journal, 2016, 24, 65-85.	1.4	14
49	On the Effect of Fault Removal in Software Testing - Bayesian Reliability Estimation Approach. Software Reliability Engineering (ISSRE), Proceedings of the IEEE International Symposium on, 2006, , .	0.0	13
50	Parametric Bootstrapping for Assessing Software Reliability Measures. , 2011, , .		13
51	Moment-based approach for some age-based replacement problems. Journal of Industrial and Production Engineering, 2017, 34, 558-567.	2.1	13
52	Quantitative Evaluation of Intrusion Tolerant Systems Subject to DoS Attacks Via Semi-Markov Cost Models. , 2007, , 31-42.		13
53	Hyper-Erlang Software Reliability Model. , 2008, , .		12
54	Quantifying the risk in age and block replacement policies. Journal of the Operational Research Society, 2010, 61, 1151-1158.	2.1	12

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55	Coordinated procurement/inspection and production model under inspection errors. Computers and Industrial Engineering, 2010, 59, 473-478.	3.4	12
56	An adaptive mode control algorithm of a scalable intrusion tolerant architecture. Journal of Computer and System Sciences, 2012, 78, 1751-1774.	0.9	12
57	A Novel Framework of Software Reliability Evaluation with Software Reliability Growth Models and Software Metrics. , 2014, , .		12
58	Survivability Analysis of VM-Based Intrusion Tolerant Systems. IEICE Transactions on Information and Systems, 2015, E98.D, 2082-2090.	0.4	12
59	Application of EM Algorithm to NHPP-Based Software Reliability Assessment with Generalized Failure Count Data. Mathematics, 2021, 9, 985.	1.1	12
60	Optimal policies for a controlled queueing system with removable server under a random vacation circumstance. Computers and Mathematics With Applications, 2000, 39, 215-227.	1.4	11
61	Software Rejuvenation: Modeling and Applications. , 2003, , 245-263.		11
62	Statistical estimation algorithms for repairs-time limit replacement scheduling under earning rate criteria. Computers and Mathematics With Applications, 2006, 51, 345-356.	1.4	11
63	Discrete-time cost analysis for a telecommunication billing application with rejuvenation. Computers and Mathematics With Applications, 2006, 51, 335-344.	1.4	11
64	A DP-BASED CHECKPOINTING SCHEME IN REAL-TIME APPLICATIONS. International Journal of Reliability, Quality and Safety Engineering, 2006, 13, 323-340.	0.4	11
65	PISRAT: Proportional Intensity-Based Software Reliability Assessment Tool. , 2007, , .		11
66	Wavelet-Based Approach for Estimating Software Reliability. , 2009, , .		11
67	Analysis of a Service Degradation Model with Preventive Rejuvenation. Lecture Notes in Computer Science, 2006, , 17-29.	1.0	11
68	NHPP-Based Software Reliability Models Using Equilibrium Distribution. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2012, E95.A, 894-902.	0.2	11
69	Inspection policy with failure due to inspection. Microelectronics Reliability, 1994, 34, 599-602.	0.9	10
70	Optimal production planning under diffusion demand pattern. Mathematical and Computer Modelling, 1995, 21, 35-46.	2.0	10
71	Models for 1-out-of Q systems with stochastic lead times and expedited ordering options for spares inventory. European Journal of Operational Research, 1997, 103, 255-272.	3.5	10
72	Preventive Maintenance Models: Replacement, Repair, Ordering, and Inspection. , 2003, , 349-366.		10

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73	Cost-effective ordering policies for inventory systems with emergency order. Computers and Industrial Engineering, 2009, 57, 1336-1341.	3.4	10
74	A Software Accelerated Life Testing Model. , 2010, , .		10
75	Sensitivity Analysis of Random Port Hopping. , 2010, , .		10
76	Application of Reinforcement Learning to Software Rejuvenation. , 2011, , .		10
77	Software Reliability Prediction Based on Least Squares Estimation. Quality Technology and Quantitative Management, 2012, 9, 243-264.	1.1	10
78	Classical Maintenance Models. , 2002, , 65-87.		10
79	CONTINUOUS REVIEW CYCLIC INVENTORY MODELS WITH EMERGENCY ORDER. Journal of the Operations Research Society of Japan, 1995, 38, 212-229.	0.3	10
80	Optimal inventory policies under product obsolescent circumstance. Computers and Mathematics With Applications, 1995, 29, 23-30.	1.4	9
81	Optimal planned maintenance with salvage cost for a two-unit standby redundant system. Microelectronics Reliability, 1996, 36, 1581-1588.	0.9	9
82	The optimal repair-time limit replacement policy with imperfect repair: Lorenz transform approach. Mathematical and Computer Modelling, 2003, 38, 1169-1176.	2.0	9
83	Determining the optimal software warranty period under various operational circumstances. International Journal of Quality and Reliability Management, 2005, 22, 715-730.	1.3	9
84	A Unified Parameter Estimation Algorithm for Discrete Software Reliability Models. Opsearch, 2005, 42, 355-377.	1.1	9
85	Survivability Analysis for a Wireless Ad Hoc Network Based on Semi-Markov Model. IEICE Transactions on Information and Systems, 2012, E95.D, 2844-2851.	0.4	9
86	Dependability Modeling and Analysis of Random Port Hopping. , 2012, , .		9
87	DYNAMIC SOFTWARE AVAILABILITY MODEL WITH REJUVENATION. Journal of the Operations Research Society of Japan, 2016, 59, 270-290.	0.3	9
88	Analysis of a Software System with Rejuvenation, Restoration and Checkpointing. Lecture Notes in Computer Science, 2008, , 110-128.	1.0	9
89	ANALYSIS OF PERIODIC SOFTWARE REJUVENATION POLICY BASED ON NET PRESENT VALUE APPROACH. International Journal of Reliability, Quality and Safety Engineering, 2004, 11, 313-327.	0.4	8
90	A New Paradigm for Software Reliability Modeling – From NHPP to NHGP. , 2008, , .		8

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91	BIVARIATE EXTENSION OF SOFTWARE RELIABILITY MODELING WITH NUMBER OF TEST CASES. International Journal of Reliability, Quality and Safety Engineering, 2008, 15, 1-17.	0.4	8
92	Estimating Computer Virus Propagation Based on Markovian Arrival Processes. , 2010, , .		8
93	Software reliability growth model with normal distribution and its parameter estimation. , 2011, , .		8
94	Application of Markov Chain Monte Carlo Random Testing to Test Case Prioritization in Regression Testing. IEICE Transactions on Information and Systems, 2012, E95.D, 2219-2226.	0.4	8
95	Estimating Software Intensity Function Based on Translation-Invariant Poisson Smoothing Approach. IEEE Transactions on Reliability, 2013, 62, 930-945.	3.5	8
96	Optimal Trigger Time of Software Rejuvenation under Probabilistic Opportunities. IEICE Transactions on Information and Systems, 2013, E96.D, 1933-1940.	0.4	8
97	PH FITTING ALGORITHM AND ITS APPLICATION TO RELIABILITY ENGINEERING. Journal of the Operations Research Society of Japan, 2016, 59, 72-109.	0.3	8
98	A transient interval reliability analysis for software rejuvenation models with phase expansion. Software Quality Journal, 2020, 28, 173-194.	1.4	8
99	Optimizing Security Measures in an Intrusion Tolerant Database System. Lecture Notes in Computer Science, 2008, , 26-42.	1.0	8
100	The Optimal Age-Dependent Checkpoint Strategy for a Stochastic System Subject to General Failure Mode. Journal of Mathematical Analysis and Applications, 2000, 249, 80-94.	0.5	7
101	GRAPHICAL METHODS FOR DETERMINING/ESTIMATING OPTIMAL REPAIR-LIMIT REPLACEMENT POLICIES. International Journal of Reliability, Quality and Safety Engineering, 2000, 07, 43-60.	0.4	7
102	An infinite server queuing model for assessment of the software reliability. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi) Tj ETQq0 0 0 rgB0,Overlock 10 Tf 50 2		7
103	Determination of the optimal software release time based on proportional hazards software reliability growth models. Journal of Quality in Maintenance Engineering, 2003, 9, 48-65.	1.0	7
104	Estimating the mixture of proportional hazards model with incomplete failure data. Journal of Quality in Maintenance Engineering, 2003, 9, 265-278.	1.0	7
105	Optimal Checkpoint Placement with Equality Constraints. , 2006, , .		7
106	Estimating Markov Modulated Software Reliability Models via EM Algorithm. , 2006, , .		7
107	Non-parametric Predictive Inference of Preventive Rejuvenation Schedule in Operational Software Systems. , 2007, , .		7
108	Statistical Inference of Computer Virus Propagation Using Non-Homogeneous Poisson Processes. , 2007, , .		7

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109	A Variational Bayesian Approach for Estimating Parameters of a Mixture of Erlang Distribution. Communications in Statistics - Theory and Methods, 2010, 39, 2333-2350.	0.6	7
110	Estimating response time distribution of server application in software aging phenomenon. , 2013, , .		7
111	Generalized Logit Regression-Based Software Reliability Modeling with Metrics Data. , 2013, , .		7
112	Simulation-Based Optimization Approach for Software Cost Model with Rejuvenation. Lecture Notes in Computer Science, 2008, , 206-218.	1.0	7
113	Availability Analysis of a Scalable Intrusion Tolerant Architecture with Two Detection Modes. Lecture Notes in Computer Science, 2009, , 178-189.	1.0	7
114	Continuous time inventory control for wiener process demand. Computers and Mathematics With Applications, 1993, 26, 11-22.	1.4	6
115	A structural approximation method to generate the optimal auto-sleep schedule for computer systems. Computers and Mathematics With Applications, 2003, 46, 1103-1110.	1.4	6
116	SOFTWARE RELIABILITY MODELING BASED ON MIXED POISSON DISTRIBUTIONS. International Journal of Reliability, Quality and Safety Engineering, 2008, 15, 19-32.	0.4	6
117	Comparing Checkpoint and Rollback Recovery Schemes in a Cluster System. Lecture Notes in Computer Science, 2012, , 531-545.	1.0	6
118	Optimizing Software Rejuvenation Policies under Interval Reliability Criteria. , 2012, , .		6
119	Component Importance Analysis of Virtualized System. , 2012, , .		6
120	Application of deterministic annealing EM algorithm to MAP/PH parameter estimation. Telecommunication Systems, 2013, 54, 79-90.	1.6	6
121	Software Reliability Modeling and Evaluation under Incomplete Knowledge on Fault Distribution. , 2013, , .		6
122	Network survivability modeling and analysis for power-aware MANETs by Markov regenerative processes. Telecommunication Systems, 2015, 60, 471-484.	1.6	6
123	Robustness of Non-homogeneous Gamma Process-Based Software Reliability Models. , 2015, , .		6
124	Parametric Uncertainty Propagation through Dependability Models. , 2018, , .		6
125	A Bayesian Inference Tool for NHPP-Based Software Reliability Assessment. Lecture Notes in Computer Science, 2009, , 225-236.	1.0	6
126	Rejuvenating Communication Network System under Burst Arrival Circumstances. IEICE Transactions on Communications, 2005, E88-B, 4498-4506.	0.4	6

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127	Markov Chain Monte Carlo Random Testing. Lecture Notes in Computer Science, 2010, , 447-456.	1.0	6
128	Optimal Release Time Estimation of Software System using Box-Cox Transformation and Neural Network. International Journal of Mathematical, Engineering and Management Sciences, 2018, 3, 177-194.	0.4	6
129	Burr-type NHPP-based software reliability models and their applications with two type of fault count data. Journal of Systems and Software, 2022, 191, 111367.	3.3	6
130	A note on portfolio optimization with path-dependent utility. Annals of Operations Research, 1993, 45, 77-90.	2.6	5
131	Alternative growth versus security in continuous dynamic trading. European Journal of Operational Research, 1995, 84, 265-278.	3.5	5
132	Comparisons of optimal release policies for software systems. Computers and Industrial Engineering, 1997, 33, 813-816.	3.4	5
133	Nonparametric approach to power-saving strategies for a portable personal computer. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi) Tj ETQq1 1 00784314 rgBT /Overd	3.4	5
134	Statistical Failure Analysis of a Web Server System. , 2009, , .		5
135	A method to prolong the lifetime of sensor networks by adding new sensor nodes to energy-consumed areas. , 2010, , .		5
136	Estimating Software Intensity Function via Multiscale Analysis and Its Application to Reliability Assessment. , 2011, , .		5
137	Unification of Software Reliability Models Using Markovian Arrival Processes. , 2011, , .		5
138	A Route Discovery Method for Alleviating Traffic Congestion Based on VANETs in Urban Transportations Considering a Relation between Vehicle Density and Average Velocity. , 2011, , .		5
139	Quantitative Comparison of Survivability Models for Wireless Ad Hoc Networks. , 2011, , .		5
140	Towards comprehensive software reliability evaluation in open source software. , 2015, , .		5
141	Software Reliability Assessment via Non-Parametric Maximum Likelihood Estimation. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2015, E98.A, 2042-2050.	0.2	5
142	Toward Highly Dependable Power-Aware Mobile Ad Hoc Networkâ€œSurvivability Evaluation Framework. IEEE Access, 2015, 3, 2665-2676.	2.6	5
143	Predicting software reliability via completely monotone nonparametric estimator with grouped data. Journal of Systems and Software, 2016, 117, 296-306.	3.3	5
144	A Generalized Bivariate Modeling Framework of Fault Detection and Correction Processes. , 2017, , .		5

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145	Optimal stopping time of software system test via artificial neural network with fault count data. Journal of Quality in Maintenance Engineering, 2018, 24, 22-36.	1.0	5
146	Parameter Estimation of $M_{\{t\}}/M/1/K$ Queueing Systems With Utilization Data. IEEE Access, 2019, 7, 42664-42671.	2.6	5
147	Data-driven software reliability evaluation under incomplete knowledge on fault count distribution. Quality Engineering, 2020, 32, 421-433.	0.7	5
148	Availability Analysis of Software Systems with Rejuvenation and Checkpointing. Mathematics, 2021, 9, 846.	1.1	5
149	Estimating Software Reliability Using Extreme Value Distribution. Communications in Computer and Information Science, 2011, , 399-406.	0.4	5
150	A Phase Expansion Approach for Transient Analysis of Software Rejuvenation Model. , 2016, , .		5
151	Optimal Security Patch Management Policies Maximizing System Availability. Journal of Communications, 2010, 5, .	1.3	5
152	On-Line Adaptive Algorithms in Autonomic Restart Control. Lecture Notes in Computer Science, 2010, , 32-46.	1.0	5
153	Optimal trading of stock options under alternative strategy. Computers and Mathematics With Applications, 1992, 24, 127-134.	1.4	4
154	Nonparametric preventive maintenance optimization models under earning rate criteria. IIE Transactions, 1998, 30, 1099-1108.	2.1	4
155	Software Release Games. Journal of Optimization Theory and Applications, 2000, 105, 325-346.	0.8	4
156	A generalized gamma software reliability model. Systems and Computers in Japan, 2007, 38, 81-90.	0.2	4
157	Availability optimization in operational software system with aperiodic time-based software rejuvenation scheme. , 2008, , .		4
158	Determining Economic Manufacturing Quantity for an unreliable manufacturing system in discrete time setting. International Journal of Operational Research, 2008, 3, 557.	0.1	4
159	DISCRETE REPAIR-COST LIMIT REPLACEMENT POLICIES WITH/WITHOUT IMPERFECT REPAIR. Asia-Pacific Journal of Operational Research, 2008, 25, 735-751.	0.9	4
160	Security Evaluation of an Intrusion Tolerant System with MRSPNs. , 2009, , .		4
161	Performance-aware software rejuvenation strategies in a queueing system. , 2010, , .		4
162	Optimization of Opportunity-Based Software Rejuvenation Policy. , 2012, , .		4

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163	Robust Wavelet Shrinkage Estimation without Data Transform for Software Reliability Assessment. , 2012, , .		4
164	Generalized Cox Proportional Hazards Regression-Based Software Reliability Modeling with Metrics Data. , 2013, , .		4
165	Variational Bayes for Phase-Type Distribution. Communications in Statistics Part B: Simulation and Computation, 2014, 43, 2031-2044.	0.6	4
166	Prediction Interval of Cumulative Number of Software Faults Using Multilayer Perceptron. Studies in Computational Intelligence, 2016, , 43-58.	0.7	4
167	A Statistical Framework on Software Aging Modeling with Continuous-Time Hidden Markov Model. , 2017, , .		4
168	On Kolmogorov-Smirnov Test for Software Reliability Models with Grouped Data. , 2019, , .		4
169	TOTAL TIME ON TEST PROCESSES AND THEIR APPLICATION TO MAINTENANCE PROBLEM. Series on Quality, Reliability and Engineering Statistics, 2001, , 123-143.	0.2	4
170	Optimal maintenance policies with lead times and repair. International Journal of Systems Science, 1992, 23, 1299-1308.	3.7	3
171	Optimal control of a finite dam with a sample path constraint. Mathematical and Computer Modelling, 1995, 22, 45-51.	2.0	3
172	An optimal software release problem under cost rate criterion: artificial neural network approach. Journal of Quality in Maintenance Engineering, 1998, 4, 236-247.	1.0	3
173	On the effects of checkpoint institution methods for a macroscopic database model. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi) Tj ETQq1 1 0.784314 rgBT \$Overlock	1.0	3
174	DETERMINATION OF OPTIMAL REPAIR-COST LIMIT ON THE LORENZ CURVE. Journal of the Operations Research Society of Japan, 2001, 44, 207-219.	0.3	3
175	Phase type approximation for optimal auto-sleep scheduling. Mathematical and Computer Modelling, 2003, 38, 1391-1398.	2.0	3
176	A generalized discrete-time order replacement model. IMA Journal of Management Mathematics, 2004, 15, 125-138.	1.1	3
177	OPTIMAL INSPECTION SCHEDULE IN AN IMPERFECT EMQ MODEL WITH FREE REPAIR WARRANTY POLICY(&Special Issue&Advanced Planning and Scheduling for Supply Chain Management). Journal of the Operations Research Society of Japan, 2006, 49, 222-237.	0.3	3
178	Optimal testing/maintenance design in a software development project. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi) Tj ETQq0 0 0 rgBT \$Overlock 10 Tf 50		3
179	Bivariate Software Fault-Detection Models. Proceedings - IEEE Computer Society's International Computer Software and Applications Conference, 2007, , .	0.0	3
180	Estimating Periodic Software Rejuvenation Schedules under Discrete-Time Operation Circumstance. IEICE Transactions on Information and Systems, 2008, E91-D, 23-31.	0.4	3

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181	Deadlock Detection Scheduling for Distributed Processes in the Presence of System Failures. , 2010, , .		3
182	Estimating software reliability via pseudo maximum likelihood method. , 2012, , .		3
183	Survivability modeling and analysis for a power-aware wireless ad hoc network. , 2012, , .		3
184	Towards Development of Risk-based Checkpointing Scheme Via Parametric Bootstrapping. , 2012, , .		3
185	Modeling and Analysis of Multi-version Concurrent Control. , 2013, , .		3
186	A phase expansion for non-Markovian availability models with time-based aperiodic rejuvenation and checkpointing. Communications in Statistics - Theory and Methods, 2020, 49, 3712-3729.	0.6	3
187	Quantitative Security Evaluation of Intrusion Tolerant Systems With Markovian Arrivals. IEEE Transactions on Reliability, 2021, 70, 547-562.	3.5	3
188	Bayesian Inference for Credible Intervals of Optimal Software Release Time. Communications in Computer and Information Science, 2011, , 377-384.	0.4	3
189	Software Reliability Modeling Based on Burr XII Distributions. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2015, E98.A, 2091-2095.	0.2	3
190	Optimal order limit policy under cost effectiveness criterion. Computers and Industrial Engineering, 1994, 27, 197-200.	3.4	2
191	Refined non-homogeneous markovian models for a single-server type of software system with rejuvenation. RAIRO - Operations Research, 2002, 36, 129-148.	1.0	2
192	Non-parametric predictive inference of adaptive software rejuvenation schedule. , 2008, , .		2
193	On Equilibrium Distribution Properties in Software Reliability Modeling. , 2009, , .		2
194	Enhancing Performance of Random Testing through Markov Chain Monte Carlo Methods. , 2010, , .		2
195	A POMDP Formulation of Multistep Failure Model with Software Rejuvenation. , 2011, , .		2
196	Security Evaluation for Software System with Vulnerability Life Cycle and User Profiles. , 2012, , .		2
197	An efficient MCMC algorithm for continuous PH distributions. , 2012, , .		2
198	Exponential Regression-Based Software Reliability Model and Its Computational Aspect. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2012, E95.A, 1461-1468.	0.2	2

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199	Risk-Based Intelligent Software Release Planning. , 2012, , .		2
200	Software testing-resource allocation with operational profile. , 2012, , .		2
201	Characteristic analysis of quantitative definition of resiliency measure. , 2013, , .		2
202	BOOTSTRAP CONFIDENCE INTERVAL OF OPTIMAL AGE REPLACEMENT POLICY. International Journal of Reliability, Quality and Safety Engineering, 2014, 21, 1450018.	0.4	2
203	Optimal Reliability Design for Real-Time Systems with Dynamic Voltage and Frequency Scaling. , 2014, , .		2
204	STOCHASTIC MARKSMANSHIP CONTEST GAMES WITH RANDOM TERMINATION “ SURVEY AND APPLICATIONS. Journal of the Operations Research Society of Japan, 2015, 58, 223-246.	0.3	2
205	AN ADAPTIVE COST-BASED SOFTWARE REJUVENATION SCHEME WITH NONPARAMETRIC PREDICTIVE INFERENCE APPROACH. Journal of the Operations Research Society of Japan, 2017, 60, 461-478.	0.3	2
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