

Tadashi Dohi

List of Publications by Year in descending order

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275
papers

2,537
citations

331259

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all docs

286
docs citations

286
times ranked

1012
citing authors

#	ARTICLE	IF	CITATIONS
1	NASH EQUILIBRIUM STRATEGIES REVISITED IN SOFTWARE RELEASE GAMES. Probability in the Engineering and Informational Sciences, 2022, 36, 105-125.	0.6	0
2	Parameter Estimation of Markovian Arrivals with Utilization Data. IEICE Transactions on Communications, 2022, E105.B, 1-10.	0.4	0
3	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
4	Quantitative Security Evaluation of Intrusion Tolerant Systems With Markovian Arrivals. IEEE Transactions on Reliability, 2021, 70, 547-562.	3.5	3
5	Availability importance measures of components in smart electric power grid systems. Reliability Engineering and System Safety, 2021, 205, 107164.	5.1	19
6	Application of EM Algorithm to NHPP-Based Software Reliability Assessment with Generalized Failure Count Data. Mathematics, 2021, 9, 985.	1.1	12
7	Availability Analysis of Software Systems with Rejuvenation and Checkpointing. Mathematics, 2021, 9, 846.	1.1	5
8	An efficient algorithm for computation of information matrix in phase-type fitting. International Journal for Computational Methods in Engineering Science and Mechanics, 2021, 22, 193-199.	1.4	1
9	Age replacement with Markovian opportunity process. Reliability Engineering and System Safety, 2021, 216, 107949.	5.1	2
10	Interval Estimation for Non-Parametric NHPP-based Software Reliability Model via Simulation-based Bootstrap. , 2021, , .		1
11	A transient interval reliability analysis for software rejuvenation models with phase expansion. Software Quality Journal, 2020, 28, 173-194.	1.4	8
12	Data-driven software reliability evaluation under incomplete knowledge on fault count distribution. Quality Engineering, 2020, 32, 421-433.	0.7	5
13	Lindley Type Distributions and Software Reliability Assessment. , 2020, , .		0
14	Formulation of Opportunity-Based Age Replacement Models with Markovian Arrival Process. , 2020, , .		1
15	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
16	Optimal Rejuvenation Policies for Non-Markovian Availability Models with Aperiodic Checkpointing. IEICE Transactions on Information and Systems, 2020, E103.D, 2133-2142.	0.4	2
17	On Kolmogorov-Smirnov Test for Software Reliability Models with Grouped Data. , 2019, , .		4
18	Parameter Estimation of $M_{t}/M/1/K$ Queueing Systems With Utilization Data. IEEE Access, 2019, 7, 42664-42671.	2.6	5

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19	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
20	Parametric Uncertainty Propagation through Dependability Models. , 2018, , .		6
21	Software Test-Run Reliability Modeling with Non-homogeneous Binomial Processes. , 2018, , .		2
22	Optimal software testing-resource allocation with operational profile: computational aspects. Life Cycle Reliability and Safety Engineering, 2018, 7, 269-283.	0.6	1
23	Parametric Bootstrap Methods for Estimating Model Parameters of Non-homogeneous Gamma Process. International Journal of Mathematical, Engineering and Management Sciences, 2018, 3, 167-176.	0.4	1
24	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
25	Moment-based approach for some age-based replacement problems. Journal of Industrial and Production Engineering, 2017, 34, 558-567.	2.1	13
26	NHPP-based Software Reliability Assessment using Wavelets. , 2017, , 23-44.		0
27	A Generalized Bivariate Modeling Framework of Fault Detection and Correction Processes. , 2017, , .		5
28	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
29	A Comprehensive Evaluation of Software Reliability Modeling Based on Marshall-Olkin Type Fault-Detection Time Distribution. , 2017, , .		2
30	A Comprehensive Evaluation of Software Rejuvenation Policies for Transaction Systems With Markovian Arrivals. IEEE Transactions on Reliability, 2017, 66, 1157-1177.	3.5	24
31	A Statistical Framework on Software Aging Modeling with Continuous-Time Hidden Markov Model. , 2017, , .		4
32	DYNAMIC SOFTWARE AVAILABILITY MODEL WITH REJUVENATION. Journal of the Operations Research Society of Japan, 2016, 59, 270-290.	0.3	9
33	Predicting software reliability via completely monotone nonparametric estimator with grouped data. Journal of Systems and Software, 2016, 117, 296-306.	3.3	5
34	PH FITTING ALGORITHM AND ITS APPLICATION TO RELIABILITY ENGINEERING. Journal of the Operations Research Society of Japan, 2016, 59, 72-109.	0.3	8
35	Prediction Interval of Cumulative Number of Software Faults Using Multilayer Perceptron. Studies in Computational Intelligence, 2016, , 43-58.	0.7	4
36	Phase-type software reliability model: parameter estimation algorithms with grouped data. Annals of Operations Research, 2016, 244, 177-208.	2.6	20

#	ARTICLE	IF	CITATIONS
37	Toward high assurance software systems with adaptive fault management. Software Quality Journal, 2016, 24, 65-85.	1.4	14
38	A Phase Expansion Approach for Transient Analysis of Software Rejuvenation Model. , 2016, , .		5
39	NPI-Based Adaptive Software Rejuvenation Schedule under Random Censoring. , 2016, , .		0
40	Optimal Power-Aware Design in a Cluster System: Markov Decision Process Approach. , 2015, , .		0
41	Survivability Analysis with Border Effects for Power-Aware Mobile Ad Hoc Network. , 2015, , .		0
42	Towards comprehensive software reliability evaluation in open source software. , 2015, , .		5
43	Survivability Analysis of VM-Based Intrusion Tolerant Systems. IEICE Transactions on Information and Systems, 2015, E98.D, 2082-2090.	0.4	12
44	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
45	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
46	A Simulation Approach to Quantify Network Survivability on MANETs. , 2015, , .		0
47	Fine-Grained Software Reliability Estimation Using Software Testing Inputs. , 2015, , .		1
48	Toward Highly Dependable Power-Aware Mobile Ad Hoc Network“Survivability Evaluation Framework. IEEE Access, 2015, 3, 2665-2676.	2.6	5
49	Survivability Quantification of Wireless Ad Hoc Network Taking Account of Border Effects. , 2015, , .		1
50	Network survivability modeling and analysis for power-aware MANETs by Markov regenerative processes. Telecommunication Systems, 2015, 60, 471-484.	1.6	6
51	Robustness of Non-homogeneous Gamma Process-Based Software Reliability Models. , 2015, , .		6
52	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
53	BOOTSTRAP CONFIDENCE INTERVAL OF OPTIMAL AGE REPLACEMENT POLICY. International Journal of Reliability, Quality and Safety Engineering, 2014, 21, 1450018.	0.4	2
54	Optimal Reliability Design for Real-Time Systems with Dynamic Voltage and Frequency Scaling. , 2014, , .		2

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55	Coarse-Grained Parallel Uniformization for Continuous-Time Markov Chains. , 2014, , .		1
56	Variational Bayes for Phase-Type Distribution. Communications in Statistics Part B: Simulation and Computation, 2014, 43, 2031-2044.	0.6	4
57	Preface to The 5th Asia-Pacific International Symposium on Advanced Reliability and Maintenance Modeling (APARM 2012). Communications in Statistics Part B: Simulation and Computation, 2014, 43, 1837-1837.	0.6	0
58	A Novel Framework of Software Reliability Evaluation with Software Reliability Growth Models and Software Metrics. , 2014, , .		12
59	Performance evaluation of snapshot isolation in distributed database system under failure-prone environment. Journal of Supercomputing, 2014, 70, 1156-1179.	2.4	1
60	Interval Estimation Method for Decision Making in Wavelet-Based Software Reliability Assessment. IEICE Transactions on Information and Systems, 2014, E97.D, 1058-1068.	0.4	1
61	Quantitative Evaluation in Reliability and Maintenance. Quality Technology and Quantitative Management, 2014, 11, 229-230.	1.1	1
62	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
63	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
64	Application of deterministic annealing EM algorithm to MAP/PH parameter estimation. Telecommunication Systems, 2013, 54, 79-90.	1.6	6
65	Quantifying software test process and product reliability simultaneously. , 2013, , .		0
66	Generalized Cox Proportional Hazards Regression-Based Software Reliability Modeling with Metrics Data. , 2013, , .		4
67	Estimating Software Reliability with Static Project Data in Incremental Development Processes. , 2013, , .		0
68	Modeling and Analysis of Multi-version Concurrent Control. , 2013, , .		3
69	Estimating response time distribution of server application in software aging phenomenon. , 2013, , .		7
70	Estimating Software Intensity Function Based on Translation-Invariant Poisson Smoothing Approach. IEEE Transactions on Reliability, 2013, 62, 930-945.	3.5	8
71	SRATS: Software reliability assessment tool on spreadsheet (Experience report). , 2013, , .		27
72	Enhancing Performance of Random Testing through Markov Chain Monte Carlo Methods. IEEE Transactions on Computers, 2013, 62, 186-192.	2.4	24

#	ARTICLE	IF	CITATIONS
73	Wavelet Shrinkage Estimation for Non-Homogeneous Poisson Process Based Software Reliability Models. IEEE Transactions on Reliability, 2013, 62, 211-225.	3.5	26
74	Dynamic software rejuvenation policies in a transaction-based system under Markovian arrival processes. Performance Evaluation, 2013, 70, 197-211.	0.9	22
75	Characteristic analysis of quantitative definition of resiliency measure. , 2013, , .		2
76	Software reliability growth models with normal failure time distributions. Reliability Engineering and System Safety, 2013, 116, 135-141.	5.1	70
77	Software Reliability Modeling and Evaluation under Incomplete Knowledge on Fault Distribution. , 2013, , .		6
78	Generalized Logit Regression-Based Software Reliability Modeling with Metrics Data. , 2013, , .		7
79	Foreword: Special issue on statistical reliability and maintenance modeling. Applied Stochastic Models in Business and Industry, 2013, 29, 93-93.	0.9	0
80	A measurement-based approach for estimating error rate of a web server system. International Journal of Reliability and Safety, 2013, 7, 1.	0.2	0
81	Optimal Trigger Time of Software Rejuvenation under Probabilistic Opportunities. IEICE Transactions on Information and Systems, 2013, E96.D, 1933-1940.	0.4	8
82	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
83	Estimating software reliability via pseudo maximum likelihood method. , 2012, , .		3
84	Security Evaluation for Software System with Vulnerability Life Cycle and User Profiles. , 2012, , .		2
85	An efficient MCMC algorithm for continuous PH distributions. , 2012, , .		2
86	Survivability modeling and analysis for a power-aware wireless ad hoc network. , 2012, , .		3
87	Comparing Checkpoint and Rollback Recovery Schemes in a Cluster System. Lecture Notes in Computer Science, 2012, , 531-545.	1.0	6
88	Software Reliability Prediction Based on Least Squares Estimation. Quality Technology and Quantitative Management, 2012, 9, 243-264.	1.1	10
89	Message from the ATC 2012 Organizing Committee. , 2012, , .		0
90	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

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91	Message from the Organizing Committee Chairs. , 2012, , .		0
92	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
93	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
94	Towards Development of Risk-based Checkpointing Scheme Via Parametric Bootstrapping. , 2012, , .		3
95	Risk-Based Intelligent Software Release Planning. , 2012, , .		2
96	Fast Optimization Algorithms for Designing Cellular Networks with Guard Channel. , 2012, , .		0
97	Optimization of Opportunity-Based Software Rejuvenation Policy. , 2012, , .		4
98	Dependability Modeling and Analysis of Random Port Hopping. , 2012, , .		9
99	Robust Wavelet Shrinkage Estimation without Data Transform for Software Reliability Assessment. , 2012, , .		4
100	Optimizing Software Rejuvenation Policies under Interval Reliability Criteria. , 2012, , .		6
101	Component Importance Analysis of Virtualized System. , 2012, , .		6
102	An adaptive mode control algorithm of a scalable intrusion tolerant architecture. Journal of Computer and System Sciences, 2012, 78, 1751-1774.	0.9	12
103	Model-Based Performance Optimization of Generalized Snapshot Isolation in Database System. , 2012, , .		1
104	Software testing-resource allocation with operational profile. , 2012, , .		2
105	A Comparative Study of Data Transformations for Wavelet Shrinkage Estimation with Application to Software Reliability Assessment. Advances in Software Engineering, 2012, 2012, 1-9.	0.6	0
106	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
107	Software Failure Time Data Analysis via Wavelet-Based Approach. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2012, E95.A, 1490-1497.	0.2	2
108	Estimating Software Intensity Function via Multiscale Analysis and Its Application to Reliability Assessment. , 2011, , .		5

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109	On the Effect of the Order of Test Cases in the Modified Exponential Software Reliability Growth Model. , 2011, , .		1
110	Application of Reinforcement Learning to Software Rejuvenation. , 2011, , .		10
111	Unification of Software Reliability Models Using Markovian Arrival Processes. , 2011, , .		5
112	Continuous software reliability models. , 2011, , .		0
113	Software reliability growth model with normal distribution and its parameter estimation. , 2011, , .		8
114	A refined EM algorithm for PH distributions. Performance Evaluation, 2011, 68, 938-954.	0.9	49
115	Towards quantitative software reliability assessment in incremental development processes. , 2011, , .		22
116	Composite dependability modeling for in-vehicle networks. , 2011, , .		1
117	Parametric Bootstrapping for Assessing Software Reliability Measures. , 2011, , .		13
118	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
119	A POMDP Formulation of Multistep Failure Model with Software Rejuvenation. , 2011, , .		2
120	Quantitative Comparison of Survivability Models for Wireless Ad Hoc Networks. , 2011, , .		5
121	Quantifying the Effectiveness of Testing Efforts on Software Fault Detection with a Logit Software Reliability Growth Model. , 2011, , .		17
122	Estimating Software Reliability Using Extreme Value Distribution. Communications in Computer and Information Science, 2011, , 399-406.	0.4	5
123	Bayesian Inference for Credible Intervals of Optimal Software Release Time. Communications in Computer and Information Science, 2011, , 377-384.	0.4	3
124	Preface of MENS 2010. , 2010, , .		0
125	Analysis of Two Economic Testing Policies in Discrete Time. Quality Technology and Quantitative Management, 2010, 7, 365-376.	1.1	0
126	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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127	Coordinated procurement/inspection and production model under inspection errors. Computers and Industrial Engineering, 2010, 59, 473-478.	3.4	12
128	Software safety assessment based on a subordinated Markov chain. International Journal of Systems Assurance Engineering and Management, 2010, 1, 307-315.	1.5	1
129	Availability Analysis of an Intrusion Tolerant Distributed Server System With Preventive Maintenance. IEEE Transactions on Reliability, 2010, 59, 18-29.	3.5	25
130	Comprehensive evaluation of aperiodic checkpointing and rejuvenation schemes in operational software system. Journal of Systems and Software, 2010, 83, 1591-1604.	3.3	21
131	Enhancing Performance of Random Testing through Markov Chain Monte Carlo Methods. , 2010, , .		2
132	Performance-aware software rejuvenation strategies in a queueing system. , 2010, , .		4
133	A method to prolong the lifetime of sensor networks by adding new sensor nodes to energy-consumed areas. , 2010, , .		5
134	A Software Accelerated Life Testing Model. , 2010, , .		10
135	Estimating Computer Virus Propagation Based on Markovian Arrival Processes. , 2010, , .		8
136	A Multi-factor Software Reliability Model Based on Logistic Regression. , 2010, , .		23
137	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
138	Sensitivity Analysis of Random Port Hopping. , 2010, , .		10
139	Deadlock Detection Scheduling for Distributed Processes in the Presence of System Failures. , 2010, , .		3
140	Application of Deterministic Annealing EM Algorithm to Markovian Arrival Process Parameter Estimation. , 2010, , .		1
141	Comparison of Aperiodic Checkpoint Placement Algorithms. Communications in Computer and Information Science, 2010, , 145-156.	0.4	1
142	Optimal Security Patch Management Policies Maximizing System Availability. Journal of Communications, 2010, 5, .	1.3	5
143	Towards Autonomic Mode Control of a Scalable Intrusion Tolerant Architecture. Lecture Notes in Computer Science, 2010, , 283-297.	1.0	0
144	Markov Chain Monte Carlo Random Testing. Lecture Notes in Computer Science, 2010, , 447-456.	1.0	6

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145	Availability Analysis of an IMS-Based VoIP Network System. Lecture Notes in Computer Science, 2010, , 441-456.	1.0	1
146	On-Line Adaptive Algorithms in Autonomic Restart Control. Lecture Notes in Computer Science, 2010, , 32-46.	1.0	5
147	Markovian Arrival Process Parameter Estimation With Group Data. IEEE/ACM Transactions on Networking, 2009, 17, 1326-1339.	2.6	75
148	Statistical Failure Analysis of a Web Server System. , 2009, , .		5
149	Gompertz software reliability model: Estimation algorithm and empirical validation. Journal of Systems and Software, 2009, 82, 535-543.	3.3	121
150	Numerical computation algorithms for sequential checkpoint placement. Performance Evaluation, 2009, 66, 311-326.	0.9	19
151	Cost-effective ordering policies for inventory systems with emergency order. Computers and Industrial Engineering, 2009, 57, 1336-1341.	3.4	10
152	Non-homogeneous Inverse Gaussian Software Reliability Models. , 2009, , .		0
153	Faster Maximum Likelihood Estimation Algorithms for Markovian Arrival Processes. , 2009, , .		28
154	Security Evaluation of an Intrusion Tolerant System with MRSPNs. , 2009, , .		4
155	Wavelet-Based Approach for Estimating Software Reliability. , 2009, , .		11
156	On Equilibrium Distribution Properties in Software Reliability Modeling. , 2009, , .		2
157	Optimal Security Patch Release Timing under Non-homogeneous Vulnerability-Discovery Processes. , 2009, , .		21
158	A Cyber-Attack Detection Model Based on Multivariate Analyses. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2009, E92-A, 1585-1592.	0.2	0
159	Software Reliability Modeling Based on Capture-Recapture Sampling. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2009, E92-A, 1615-1622.	0.2	0
160	A Bayesian Inference Tool for NHPP-Based Software Reliability Assessment. Lecture Notes in Computer Science, 2009, , 225-236.	1.0	6
161	Availability Analysis of a Scalable Intrusion Tolerant Architecture with Two Detection Modes. Lecture Notes in Computer Science, 2009, , 178-189.	1.0	7
162	A Refined Non-parametric Algorithm for Sequential Software Reliability Estimation. Communications in Computer and Information Science, 2009, , 330-337.	0.4	0

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163	An Experimental Evaluation of Error Rate in a Web Server System. Communications in Computer and Information Science, 2009, , 272-279.	0.4	0
164	Non-parametric predictive inference of adaptive software rejuvenation schedule. , 2008, , .		2
165	Availability optimization in operational software system with aperiodic time-based software rejuvenation scheme. , 2008, , .		4
166	A New Paradigm for Software Reliability Modeling – From NHPP to NHGP. , 2008, , .		8
167	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
168	Determining Economic Manufacturing Quantity for an unreliable manufacturing system in discrete time setting. International Journal of Operational Research, 2008, 3, 557.	0.1	4
169	DISCRETE REPAIR-COST LIMIT REPLACEMENT POLICIES WITH/WITHOUT IMPERFECT REPAIR. Asia-Pacific Journal of Operational Research, 2008, 25, 735-751.	0.9	4
170	SOFTWARE RELIABILITY MODELING BASED ON MIXED POISSON DISTRIBUTIONS. International Journal of Reliability, Quality and Safety Engineering, 2008, 15, 19-32.	0.4	6
171	Hyper-Erlang Software Reliability Model. , 2008, , .		12
172	Estimating Periodic Software Rejuvenation Schedules under Discrete-Time Operation Circumstance. IEICE Transactions on Information and Systems, 2008, E91-D, 23-31.	0.4	3
173	Analysis of a Software System with Rejuvenation, Restoration and Checkpointing. Lecture Notes in Computer Science, 2008, , 110-128.	1.0	9
174	Simulation-Based Optimization Approach for Software Cost Model with Rejuvenation. Lecture Notes in Computer Science, 2008, , 206-218.	1.0	7
175	Optimizing Security Measures in an Intrusion Tolerant Database System. Lecture Notes in Computer Science, 2008, , 26-42.	1.0	8
176	PISRAT: Proportional Intensity-Based Software Reliability Assessment Tool. , 2007, , .		11
177	Non-parametric Predictive Inference of Preventive Rejuvenation Schedule in Operational Software Systems. , 2007, , .		7
178	Bivariate Software Fault-Detection Models. Proceedings - IEEE Computer Society's International Computer Software and Applications Conference, 2007, , .	0.0	3
179	Variational Bayesian Approach for Interval Estimation of NHPP-Based Software Reliability Models. , 2007, , .		18
180	Statistical Inference of Computer Virus Propagation Using Non-Homogeneous Poisson Processes. , 2007, , .		7

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181	Inspection scheduling for imperfect production processes under free repair warranty contract. European Journal of Operational Research, 2007, 183, 238-252.	3.5	49
182	A generalized gamma software reliability model. Systems and Computers in Japan, 2007, 38, 81-90.	0.2	4
183	Quantitative Evaluation of Intrusion Tolerant Systems Subject to DoS Attacks Via Semi-Markov Cost Models. , 2007, , 31-42.		13
184	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
185	Two-Dimensional Software Reliability Models and Their Application. , 2006, , .		14
186	Building Phase-Type Software Reliability Models. , 2006, , .		17
187	Distribution-Free Checkpoint Placement Algorithms Based on Min-Max Principle. IEEE Transactions on Dependable and Secure Computing, 2006, 3, 130-140.	3.7	42
188	Optimal Checkpoint Placement with Equality Constraints. , 2006, , .		7
189	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
190	Mathematical Finance and Risk Assessment. European Journal of Operational Research, 2006, 168, 279-280.	3.5	1
191	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
192	Discrete-time cost analysis for a telecommunication billing application with rejuvenation. Computers and Mathematics With Applications, 2006, 51, 335-344.	1.4	11
193	Optimal testing/maintenance design in a software development project. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi) Tj ETQq1 1 0.784314 rgBT \$Overloc		
194	Proportional Intensity-Based Software Reliability Modeling with Time-Dependent Metrics. , 2006, , .		14
195	A DP-BASED CHECKPOINTING SCHEME IN REAL-TIME APPLICATIONS. International Journal of Reliability, Quality and Safety Engineering, 2006, 13, 323-340.	0.4	11
196	Cost-effective production policy for a stochastic unreliable manufacturing system. IMA Journal of Management Mathematics, 2006, 17, 209-223.	1.1	1
197	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
198	ESTIMATING DISCRETE-TIME PERIODIC SOFTWARE REJUVENATION SCHEDULES UNDER COST EFFECTIVENESS CRITERION. International Journal of Reliability, Quality and Safety Engineering, 2006, 13, 565-579.	0.4	0

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199	Estimating Markov Modulated Software Reliability Models via EM Algorithm. , 2006, , .		7
200	Analysis of a Service Degradation Model with Preventive Rejuvenation. Lecture Notes in Computer Science, 2006, , 17-29.	1.0	11
201	Determining the Optimal Software Rejuvenation Schedule via Semi-Markov Decision Process. Journal of Computer Science, 2006, 2, 528-534.	0.5	21
202	Determining the optimal software warranty period under various operational circumstances. International Journal of Quality and Reliability Management, 2005, 22, 715-730.	1.3	9
203	Exact formulation of stochastic EMQ model for an unreliable production system. Journal of the Operational Research Society, 2005, 56, 563-575.	2.1	44
204	Optimal design of unreliable production inventory systems with variable production rate. European Journal of Operational Research, 2005, 162, 372-386.	3.5	58
205	Computational aspects of an extended EMQ model with variable production rate. Computers and Operations Research, 2005, 32, 3143-3161.	2.4	27
206	A Unified Parameter Estimation Algorithm for Discrete Software Reliability Models. Opsearch, 2005, 42, 355-377.	1.1	9
207	Rejuvenating Communication Network System under Burst Arrival Circumstances. IEICE Transactions on Communications, 2005, E88-B, 4498-4506.	0.4	6
208	Behavioral Analysis of a Fault-Tolerant Software System with Rejuvenation. IEICE Transactions on Information and Systems, 2005, E88-D, 2681-2690.	0.4	16
209	Performance Evaluation of Power-Aware Communication Network Devices. Lecture Notes in Computer Science, 2005, , 245-254.	1.0	2
210	A generalized discrete-time order replacement model. IMA Journal of Management Mathematics, 2004, 15, 125-138.	1.1	3
211	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
212	A reliability growth model for modular software. Electronics and Communications in Japan, 2004, 87, 43-53.	0.2	0
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