ID I/C S	-No.	No.	Session title	Session organizer	Chair	Authors Agnieszka Goroncy and Tomasz Rychlik	Paper title Bounds on the Expected Differences of Consecutive Order Statistics Based on the Increasing Failure Rate Samples
A1 I	11	I-11	Inequalities for Order Statistics and System Lifetimes	Tomasz Rychlik	Tomasz Rychlik	Mariusz Bieniek Patryk Miziuła	Optimal Bounds on Total Time on Test for Distributions with Decreasing Density or Failure Rate Moment Comparison of Ordered Mixtures, with Applications in Reliability Theory
						Houda Ghamlouch, Mitra Fouladirad, and Antoine Grall	Residual Lifetime Estimation and Stochastic Volatility: A Case Study
B1 I	16	I-16	Modeling and Analysis of Degradation Data	William Q. Meeker	William Q. Meeker	Chien-Yu Peng and Hsueh-Fang Ai Yili Hong and Jie Li	A Study of Degradation Data with Measurement Errors Spatio-temporal Modeling of Degradation Data Collected Over a Spatial Region
						Hiroyuki Okamura and Tadashi Dohi	A Note on Variational Bayes Approach for Software Reliability Growth Model with Normal Distribution
D1 I	29	I-29	Software System Reliability I	Tadashi Dohi	Tadashi Dohi	Yasuhiro Saito and Tadashi Dohi Xiao Xiao	Nonparametric Maximum Likelihood Estimator with Software Fault Count Data Haar Wavelet Regression Model for NHPP-based Software Reliability Assessment
						Yaguo Lei, Naipeng Li, and Jing Lin	Remaining Useful Life Prediction of Rolling Element Bearings Based on the Exponential Model Combination with Particle Filtering
D1 I	24	1-24	Prognostic and Health Management (PHM)	Ming J. Zuo and Zhiliang Liu	Zhiliang Liu	Xiaowang Chen, Zhipeng Feng, and Ming Liang Zhiliang Liu, Siyu Lei, Ming J. Zuo, Yong Qin, and Xinglin Li	Application of Synchrosqueezing Transform to Planetary Gearbox Fault Diagnosis Under Nonstationary Conditions Feature Ranking Based on Multi-metric Fusion for Bearing Fault Diagnosis
F1 I				Min Xie	Min Xie	Laurent Doyen, Olivier Gaudoin, and Syamsundar Annamraju	On Geometric Reduction of Age or Intensity Models for Imperfect Maintenance
-1	13	1-13	Maintenance Modeling I	Min Ale	Min Ale	Bin Liu, Ruey-Huei Yeh, and Way Kuo Mitra Fouladirad, Christian Paroissin, and Antoine Grall	Inspection Scheduling for Multi-component Systems with Hidden Failures Sensitivity Analysis for the Block Replacement Policy
F1 I	17		Land to the state of the state of			Yan-Hui Lin, Yan-Fu Li, and Enrico Zio	Reliability Analysis of Systems with Multiple Dependent Competing Degradation Processes
-1 1	17	1-17	Multi-state and Continuous-state System Reliability I	Anatoly Lisnianski and Gregory Levitin	Anatoly Lisnianski	Shey-Huei Sheu, Chin-Chih Chang, and Zhe George Zhang Anatoly Lisnianski and Ilia Frenkel	Optimal Imperfect Preventive Maintenance Policy for a Multi-state System with Minimal Repair and Effective Age On Sensitivity Analysis for Multi-state System by Using Lz-transform
31 1		1_1	Advanced Maintenance Strategy	Yisha Xiang and Nan Chen	Yisha Xiang	Nan Chen, Zhisheng Ye, Yisha Xiang, and Linmiao Zhang Jan Bredlich, Yisha Xiang, Tongdan Jin, and Edward Pohl	Condition-based Maintenance Using the Inverse Gaussian Degradation Model Joint Planning for Preventive Maintenance and Multi-echelon Stocking
		- 1	readings maintenance deately	Tiona Alang and Hair Orion	Tibria Adding	Chao Fang	Risk Clustering and Importance Ranking in Engineering Projects
A1 C	II-1	C-II-1	Statistical Inference		Uwe Jensen	Beiqing Gu, Xiaoling Xu, and Ronghua Wang Maurizio Guida, Fabio Postiglione, and Gianpaolo Pulcini	Statistical Analysis of Geometric Distribution for Masked Data A Bayesian Estimation Procedure for the Non-homogeneous Gamma Process
						Uwe Jensen, Hong Chen, Maik Döring, Sebastian Bobrowski, and Wolfgang Schinköthe	Reliability Prediction Using Regression Models
A2 C	I-11	C-I-11	Stochastic Ageing		Carmen Sangüesa	F. German Badía and Carmen Sangüesa Antonio Gómez-Arriaza, Félix Belzunce, Julio Mulero, and Alfonso Suárez-Llorens	Negative Ageing Properties for Counting Processes Arising in Virtual Age Models On a New Definition of the Multivariate IFR Notion based on the Standard Construction
						Hai Ha Pham and Sophie Mercier	A Bivariate Failure Time Model, with Dependence due to Shocks and Mixed Effect
A3 I	40	I-40	Memorial Session in Honor of Moshe Shaked	Hajjun Li and Marco Scarsini	Haijun Li	Nozer Singpurwalla Marco Scarsini	Moshe Shaked's Excess Wealth: A Pathway to Prosperity Moshe Shaked and Game Theory
	_					Alfred Muller	Between First and Second-order Stochastic Dominance
A4 I	34	I-34	Stochastic Dependence in Reliability	Maochao Xu	Maochao Xu	Maochao Xu, Gaofeng Da, and Shouhuai Xu Franco Pellerey, Saeed Zalzadeh, Felix Belzunce, and Carolina Martínez-Riquelme	Cyber Epidemic Models with Dependences Standard Stochastic Orders and Joint Stochastic Orders: Conditions on Survival Copulas for Mutual Relationships
		_				Jorge Navarro Eric Beutner, Laurent Bordes and Laurent Doven	Comparisons of Residual Lifetimes of Coherent Systams Under Dependence Failure of the Profile Likelihood Method for Semi-parametric Virtual Aze Models
31 C	II-2	C-II-2	Lifetime Data Analysis			Ren Yan Jiang	A Two-fold Mixed Power-law Model with a Time-varying Mixture Proportion for Modeling Failure Intensity
						Félix Belzunce, Carolina Martínez-Riquelme, Franco Pellerey, and Saeed Zalzadeh Félix Belzunce, Carolina Martínez-Riquelme, and José M. Ruiz	Comparison of Residual Lives for Dependent Random Variables Stochastic Comparisons of Relative Spacings with Applications in Reliability
B2 C	II-4	C-II-4	Order Statistics/Statistical Quality Control		Félix Belzunce	Pawel Marcin Kozyra and Tomasz Rychlik	Optimal Evaluations of Expected L-statistics Gauged in the Gini Mean Difference Units
						Chien-Wei Wu, Shih-Wen Liu, Kuo-Hao Chang, and Chao-Lung Yang C, Shane Reese	Designing a New Two-plan Sampling System by Variables with Switching Rules A Hierarchical Model for the Reliability of Complex Multi-component Systems
B3 I	6	I-6	Bayesian Methods for Complex System Reliability	Alyson G. Wilson	Alyson G. Wilson	Kassandra M. Fronczyk, Rebecca M. Dickinson, Alyson G. Wilson, Caleb S. Browning, and Laura J. Freeman	Bayesian Hierarchical Models for Common Components Across Multiple System Configurations
	_					Caleb S. Browning, Laura J. Freeman, Alyson G. Wilson, Rebecca M. Dickinson, and Kassandra M. Fronczyk Tsai-Hung Fan and Cian-Hui Chen	Estimating System Reliability from Heterogeneous Data A Bayesian Reliability Analysis Under Gamma Step-stress Accelerated Degradation Process
B4 I	7	I-7	Bayesian Reliability Inference and Warranty Predictions	Sheng-Tsaing Tseng	Sheng-Tsaing Tseng	Yincai Tang and Pingping Wang	Bayesian Inference for Degradation Data with One Change Point
		- '		0 0		Shun-Lin Jeng Sheng-Tsaing Tseng and Nan-Jung Hsu	Failure Predictions for the Warranty Analysis Utilizing the Historical Data of Similar Products Combined Inference of Laboratory and Field Data with Application to Warranty Prediction for Highly-reliable Products
						Huan Yu, Jun Yang, and Yu Zhao	Circular Multi-state Consecutively-connected Systems with Dual Constraints of m Consecutive Gaps and n Total Gaps
01 C	I-2	C-I-2	k-out-of-n Systems		Hisashi Yamamoto	Cihangir Kan Taishin Nakamura, Tomoaki Akiba, Xiao Xiao, and Hisashi Yamamoto	A Note on Circular m-consecutive-k, I-out-of-n: F Systems A Study on Closed Formulae for Connected-(r, s)-out-of-(m, n): F Lattice System
						Wenjun Gong and Yunxia Chen	Reliability of Multi-state Systems Considering Conditional Cascading Failure Mechanism
C2 C	11-3	C-II-3	System Reliability		Femin Yalcin Gulec	Ceki Franko and Femin Yalcin Ionescu Dorina Romina, Nicolae Brinzei, and Jean-François Petin	Signatures of Some Systems Consisting of Non-Disjoint Modules Modular Approach for Dependability and Reliability Assessment of Complex Systems
03 1	-00		D. D. D. T. C.		B. II I . I . I	Francisco J. Samaniego and Jorge Navarro	On Comparing Systems with Heterogeneous Components via Survival Signatures
J3 I	30	1-36	System Reliability and Life Testing	Bo Henry Lindqvist	Bo Henry Lindqvist	Jorge Navarro and Francisco J. Samaniego Jan Terje Kvaløy, Bo Henry Lindqvist and Stein Aaserud	Comparing Systems by Distortion Functions Residuals and Functional Form in Accelerated Life Regression Models
D4 I	21	1_21	New Approaches in Reliability Estimation and Diagnostic Testing	Bo Henry Lindqvist	Bo Henry Lindqvist	Paul Kvam and Jye-Chyi Lu Ananda Sen and Anupap Somboonsavatdee	An Extended Skill Test for Disease Diagnosis Based on the Receiver Operator Characteristic Recurrent Events Under Dependent Competing Risks and Missing Cause of Failure
-		1 21	New Approaches in reliability Estimation and Diagnostic results	DO Helly Elliuqvisc	Do Helly Ellidylist	Vaclav Slimacek and Bo Henry Lindqvist	recurrent Levents order Department Company trans and making solder or 1 million Non-homogenous Poisson Process with Non-earth order
01 G	1-6	C-I-6	Decision Making in Reliability		Kevin James Wilson	Kevin Wilson and John Quigley Qingqing Zhai, Jun Yang, Rui Peng, and Yu Zhao	Sequencing Reliability Growth Tasks Using Multiattribute Utility Functions Reliability Evaluation of Warm Standby Systems Based on Multivalued Decision Diagram - An Automatic Approach
			,			Dong Wang, Ping Jiang, and Bo Guo	Involvement of Dependency Uncertainties in Fault Tree Analysis Using Hybrid Approach
D2 C						Hennie Husniah, Udjianna S. Pasaribu, Andi Cakravastia, and Bermawi P. Iskandar	Maintenance Contract with Dynamic Operating Conditions
	I-10	C-I-10	Maintenance/Repair Models		Hennie Husniah	Richard Arnold Stefanka Chukova and Yu Hayakawa	
	I-10	C-I-10	Maintenance/Repair Models		Hennie Husniah	Richard Arnold, Stefanka Chukova, and Yu Hayakawa Yves Langeron, Mitra Fouladirad, and Antoine Grall	Warranty Cost Analysis: Increasing Warranty Repair Times Controlled Systems, Failure Prediction and Maintenance
03 1	I-10		Maintenance/Repair Models Network Reliability Analysis	Ming J. Zuo	Hennie Husniah Ming J. Zuo		Warranty Cost Analysis: Increasing Warranty Repair Times
D3 I	_			Ming J. Zuo		Yves Langeron, Mitra Fouladirad, and Antoine Grall Ding-Hslang Hung, and Yr-Kuel Lin Wei-Chang Yeh, Yi-Yun Chang, and Chyh-Ming Lai Guanghan Bat. Zhigang Tian, and Ming J. Zuo	Warranty Oost Analysis: Increasing Warranty Regair Times Controlled Systems, Fallure Prediction and Maintenance Demand Satisfaction of a hybrid Flow-withou with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network An Improved Algorithm for Sacrafting for Minimal Path in Two-terminal Networks
D3 I	_	1-20		Ming J. Zuo Kazuyuki Suzuki		Yves Langeron, Mitra Fouladirad, and Antoine Grall Ding-Heising Huang and Yr-Kuel Lin Wei-Chang Ykh, Yr-Yun Chang, and Chyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamamoto	Warranty Cost Analysis: Increasing Warranty Repair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a Hybrid Flow-shop with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network An Improved Algorithm for Searching for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Covariates to Do Online Monitoring Time Scales for Online Monitoring Data
	20	1-20	Network Reliability Analysis		Ming J. Zuo	Yves Langeron, Mitra Fouladirad, and Antoine Grall Ding-Hslaing Huang and Yr-Kuel Lin Wei-Chang Yeh, Yi-Yun Chang, and Chyh-Ming Lai Guanghan Bat. Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamendo Lu Jin and R. P. D. J. Rajapaksha	Warranty Cost Analysis: Increasing Warranty Repair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a hybrid Flow-shop with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network An Improved Algorithm for Sacroline for Minimal Path in Two-terminal Networks Using Degradation Data with Dynamic Covariates to Do Chiline Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations
D4 I	20	I-20 I-22	Network Reliability Analysis		Ming J. Zuo	Yves Langeron, Mitra Fouladirad, and Antoine Grall Ding-Heising Huang and Yr-Kuel Lin Wei-Chang Ykh, 'Yr-Yun Chang, and Chyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yii Hong Watalu Yamamoto Lu, Jin and R. P. D. J. Rajapaksha Zeina Al Masry, Sophie Mercier, and Chislain Verdier Mario Hellmich	Warranty Oost Analysis: Increasing Warranty Regair Times Controlled Systems, Failure Prediction and Maintenance Denand Satisfaction of a hybrid Flow-show with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Searching for Minimal Path in Two-terminal Networks Using Degradation Data with Dynamic Ovariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Distribution of an Extended Gamma Process Generalized Markor Processes for Systems with On-line Monitoring Control Simulation Techniques and Approximated Distribution of an Extended Gamma Process
D4 I	20	I-20 I-22	Network Reliability Analysis Online Monitoring		Ming J. Zuo Kazuyuki Suzuki	Yves Langeron, Mitra Fouladirad, and Antoins Grall Ding-Hsiang Huang and Yr-Kuel Lin Wei-Chang Yoh, Yi-Yun Chang, and Giyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamamoto Lu Jin and R. P. D. J. Rajapaksha Zeina Al Masry, Sophia Mercier, and Ghialain Verdier Mario Hellmich Fei Sun, Tongdan Jin, and Yi Ding	Warranty Cost Analysis: Increasing Warranty Repair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a hybrid Flow-whop with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network An Improved Algorithm for Searching for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Covariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Distribution of an Extended Gamma Process Generalized Markov Processes for Systems with Periodic Surveillance Testing and Monte Carlo Simulation Modelling Aggregate Fleet Renewals with Uncertain System Installation Times
D4 I	20 22 I-1	I-20 I-22 C-I-1	Network Reliability Analysis Online Monitoring		Ming J. Zuo Kazuyuki Suzuki	Yves Langeron, Mitra Fouldrind, and Antoine Grall Ding-Hsiang Huang and Yi-Kuet Lin Wei-Chang Yeh, Yi-Yun Chang, and Chyh-Ming Lai Guanghan Bai. Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamamoto Lu Jin and R. P. D. J. Rajapaksha Zeins Al Masny, Sophie Mercier, and Chislain Verdier Mario Helmich Fei Sun, Tongdan Jin, and Yi Ding Zhijun Chang. Yaning Glao, and Bo Guo Hiroshi Shida, Hrofumi Oogushi, Yoshinobu Higami, Hirohisa Aman, and Hiroshi Takahashi	Warranty Oost Analysis: Increasing Warranty Repair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a Hybrid Flow-shop with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network An Improved Algorithm for Sacrating for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Covariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Agoroximated Distribution of an Extended Garman Process Generalized Markor Processes for Systems with Procincia Suverlaince Testing and Monte Carlo Simulation Modeling Aggregate Fleet Rnewals with Uncertain System Installation Times Imperfect Maintenance Model of Pavement Based on Markov Decision Process A Proposal of Maintenance Cost Model of Track Circuits
D4 I	20 22 I-1	I-20 I-22 C-I-1	Network Reliability Analysis Online Monitoring Stochastic Processes in Reliability		Ming J. Zuo Kazuyuki Suzuki Mario Hellmich	Yves Langeron, Mitra Fouladirad, and Antoine Grall Ding-Halsing Huang and Yr-Kuel Lin Wei-Chang Yki, Yi-Yun Chang, and Chyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamamoto Lu Jin and R. P. D. J. Rajapaksha Zeina Al Masry, Sophie Mercier, and Ghislain Verdier Mario Hellmich Fei Sun, Tongdan Jin, and Yi Ding Zhijun Chang, Yaning Giao, and Bo Guo	Warranty Ocst Analysis: Increasing Warranty Regair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a hybrid Flow-who with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Sacrating for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Covariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Distribution of an Extended Gamma Process Generalized Markov Processes for Systems with Periodic Sizveillance Testing and Monte Carlo Simulation Modeling Aggregate Fleet Renewals with Uncertain System Installation Times Imperfect Maintenance Model of Paymennet Based on Markov Decision Process
D4 I C E2 C	20 22 I-1	I-20 I-22 C-I-1 C-I-8	Network Reliability Analysis Online Monitoring Stochastic Processes in Reliability		Ming J. Zuo Kazuyuki Suzuki Mario Hellmich	Vives Langeron, Mitze Fouladired, and Antoine Grall Ding-Hising Huang and Yr-Kuel Lin Wei-Chang Yeh, 'Y-Yun Chang, and Chyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamamoto Lu Jin and R. P. D. J. Rajapaksha Zaina Al Masry, Sophis Mercier, and Chielain Verdier Mario Hellmich Fei Sun, Tongdan Jin, and Yi Ding Zhijun Cheng, Yaning Olao, and Bo Guo Hiroshi Shida, Hiroftuni Oogushi, Yoshinobu Higami, Hirohisa Aman, and Hiroshi Takahashi Romain Lesofers, Ksonnany Bouvard, Christophe Berenguer, Vincent Cocquempot, and Anne Barros Boyan Dimitrov and Sahib Esa Vladimir Rykov and Victor Ikin	Warranty Cost Analysis: Increasing Warranty Repair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a Hybrid Flow-whop with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Sacrating for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Covariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Distribution of an Extended Gamma Process Generalized Markov Processes for Systems with Periodic Surveillance Testing and Monte Carlo Simulation Modelling Aggregate Fleet Renewals with Uncertain System Installation Times Imperfect Maintenance Cost Model of Track Circuits A Design Aggregate Fleet Renewals with Uncertain System Installation Times Imperfect Maintenance Cost Model of Track Circuits A Design Aggregate Fleet Renewals with Uncertain System Installation Times On the Local Dependence Structure in Politics and in Reliability SystemsOperating in Random Environment to Shape of Their Input Distributions
D4 I C C C C C C C C C C C C C C C C C C	20 22 I-1 I-8	I-20 I-22 C-I-1 C-I-8	Network Reliability Analysis Online Monitoring Stochastic Processes in Reliability Maintenance Models	Kazuyuki Suzuki	Ming J. Zuo Kazuyuki Suzuki Mario Hellmich Christophe Berenguer	Yves Langeron, Mitra Fouladirad, and Antoine Grall Ding-Heising Huang and Y-Kuel Lin Wei-Chang Yeb, Y-Yun Chang, and Chyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamamoto Lu Jin and R. P. D. J. Rajapaksha Zeina Al Masry, Sophie Mercier, and Ghislain Verdier Mario Hellmich Fei Sun, Tongdan Jin, and Yi Ding Zihjun Chang, Yaning Giao, and Bo Guo Hiroshi Shida, Hirofumi Oogushi, Yoshinobu Higami, Hirohisa Aman, and Hiroshi Takahashi Romain Lasobre, Keomany Bouvard, Christophe Berenguer, Vincent Cocquempot, and Anne Barros Boyan Dimitrov and Sahib Esa	Warranty Oost Analysis: Increasing Warranty Regair Times Controlled Systems, Failure Prediction and Maintenance Denand Satisfaction of a hybrid Flow-who with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Searching for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Ovariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Distribution of an Extended Gamma Process Generalized Markor Processes for Systems with On-line Monitoring to Simulation Techniques and Approximated Distribution of an Extended Gamma Process Generalized Markor Processes for Systems with Proceed Surveillance Testing and Monte Carlo Simulation Modeline, Aggregate Fleet Renewals with Uncertain System Installation Times Imperfect Maintenance Model of Provenent Based on Markor Decision Process A Proposal of Maintenance Cost Model of Track Circuits A Design Approach for MFOP-based Maintenance Policy of Multi-component Systems On the Local Dependence Structure in Politics and in Reliability Distributions
D4 I C E2 C	20 22 I-1 I-8	I-20 I-22 C-I-1 C-I-8 I-27	Network Reliability Analysis Online Monitoring Stochastic Processes in Reliability Maintenance Models	Kazuyuki Suzuki	Ming J. Zuo Kazuyuki Suzuki Mario Hellmich Christophe Berenguer	Vees Langeron, Mitra Fouladirad, and Antoine Grall Ding-Hallaing Huang and Y-Kuel Lin Wei-Chang Yeh, Y-Yun Chang, and Chyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yili Hong Wataku Yamamoto Lu Jin and R. P. D. J. Rajapaksha Zeina Al Masry, Sophie Mercier, and Ghislain Verdier Mario Hellmich Fei Sun, Tongdan Jin, and Yi Ding Zhijun Cheng, Yaning Qiao, and Bo Guo Hiroshi Shida, Hirofumi Oogashi, Yoshinobu Higami, Hirohisa Aman, and Hiroshi Takhashii Romani Lasokre, Koomany Bouvard, Christophe Berenguer, Vincent Cocquempot, and Anne Barros Boyan Dimitrov and Sahib Eas Wadmir Rykov and Victor Usin Dmitry Efrosinin, Janos Sztrik, and Mais Farkhadov Mikhall Sukharev Oliq Advanov and Dmitry Nazarov	Warranty Ocst Analysis: Increasing Warranty Regair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a hybrid Flow-who with Completion Time Consideration A Simple Path-based Algorithm for Searching the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Searching for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Covariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Aggresimated Distribution of an Extended Gamma Process Generalized Markov Processes for Systems with Periodic Sizvellance Testing and Monte Carlo Simulation Modeling Aggregate Fleet Renewals with Uncertain System Installation Times Imperfect Maintenance Model of Prack Circuits A Proposal of Maintenance Cost Model of Track Circuits A Pesignal of Maintenance Cost Model of Track Circuits A Design Aggregate Fleet Plance Maintenance Place of Multi-component Systems On the Local Dependence Structure in Politics and in Reliability Distributions On Sensibility of Raliability Systems Operating in Random Environment to Shape of Their Input Distributions Reliability and Sensibility Analysis of an Aging Unit with a Hysteresis Policy for the Repair Facility Activation Reliability Indices Estimation of Pipeline Networks Application of Rajons of Acceptability for Sensibility Analysis
D4 1	20 22 I-1 I-8 27	I-20 I-22 C-I-1 C-I-8 I-27 I-28	Network Reliability Analysis Online Monitoring Stochastic Processes in Reliability Maintenance Models Sensitivity Analysis of Reliability Systems I Sensitivity Analysis of Reliability Systems II	Kazunuki Suzuhi Vladimir Rykov	Ming J. Zuo Kazuyuki Suzuki Mario Hellmich Christophe Berenguer Vlaimir Rykov	Vives Langeron, Mitze Fouladired, and Antoine Grall Ding-Hising Huang and Yr-Kuel Lin Wei-Chang Yeh, 'Y-Yun Chang, and Chyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamamoto Lu Jin and R. P. D. J. Rajapaksha Zaina Al Masry, Sophis Mercier, and Chielain Verdier Mario Hellmich Fei Sun, Tongdan Jin, and Yi Ding Zhijun Cheng, Yaning Olao, and Bo Guo Hiroshi Shida, Hiroftuni Oogushi, Yoshinobu Higami, Hirohisa Aman, and Hiroshi Takahashi Romain Lesofers, Ksonamy Bouvard, Christophe Berenguer, Vincent Cocquempot, and Anne Barros Boyan Dimitrov and Sahib Esa Vladimir Rykov and Victor Itin Dmitzy Efrosinin, Janos Striki, and Mais Farkhadov Mikhail Sukharev Oleg Abramov and Mais Farkhadov Jegor Gurevich and Mais Farkhadov	Warranty Ocst Analysis: Increasing Warranty Regair Times Controlled Systems, Fallure Prediction and Maintenance Demand Satisfaction of a Hybrid Flow-who with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Sacrifier for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Ovariates to Do Orline Monitoring in a Varying Environment Under Selectable Operations Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Distribution of an Extended Gamman Process Generalized Markov Processes for Systems with Periodic Surveillance Testing and Monite Carlo Simulation Modeling Aggregate Fleet Renewals with Uncertain System Installation Times Imperioted Maintenance Model of Prack Circuits A Proposal of Maintenance Cost Model of Track Circuits A Preposal of Maintenance Cost Model of Track Circuits A Design Approximator for MFOP-Based Maintenance Policy of Multi-component Systems On the Local Dependence Structure in Politics and in Reliability Distributions On Sensitivity Analysis of an Aging Unit with a Hysteresis Policy for the Repair Facility Activation Reliability and Sensitivity Analysis of an Aging Unit with a Hysteresis Policy for the Repair Facility Activation Reliability Indices Estimation of Pipeline Networks Application of Regions of Acceptability for Sensitivity Analysis Investigation Characteristics and Properties of Deuesing Networks to Provide Their Sustainability Statistical Analysis of Type-I Genorated Masked Data for Sense System Under Process-Stress Accelerated Life Test
D4 1	20 22 I-1 I-8 27	I-20 I-22 C-I-1 C-I-8 I-27 I-28	Network Reliability Analysis Online Monitoring Stochastic Processes in Reliability Maintenance Models Sensitivity Analysis of Reliability Systems I	Kazunuki Suzuhi Vladimir Rykov	Ming J. Zuo Kazuyuki Suzuki Mario Hellmich Christophe Berenguer Vlaimir Rykov	Vives Langeron, Mitra Fouldarized, and Antoine Grall Ding-Hsiang Huang and Yi-Kuet Lin Wei-Chang Yeh, Yi-Yun Chang, and Chyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamamoto Lu Jin and R. P. D. J. Rajapaksha Zeina Al Masny, Sophie Mercier, and Chislain Verdier Mario Halmini. Fei Sun, Tongdan Jin, and Yi Ding Zhijun Cheng, Yaning Glaos, and Bo Guo Hrooshi Shild, Hrofum Oogushi, Yoshinobu Higami, Hirohisa Aman, and Hiroshi Takahashi Romain Lesobre, Keomany Bouvard, Christophe Berenguer, Vincent Cocquempot, and Anne Barros Boyan Dimitrov and Sahib Esa Vladimir Rykov and Victor Itkin Dimtry Efrosiani, Janos Sztik, and Mais Farkhadov Mikhali Sukharev Oleg Abramov and Dmitry Nazarov Iger Gurevich and Mais Farkhadov Xiaoling Xu, Ronghus Wang, and Beiging Gu Yi-Chao Yin, Chenggeng Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang	Warranty Oost Analysis: Increasing Warranty Regair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a hybrid Flow-who with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Searching for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Ovariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Distribution of an Extended Gamma Process Generalized Markor Processes of Systems with Prodice Surveillance Testing and Monte Carlo Simulation Modeling Aggregate Fleet Renewals with Uncertain System Installation Times Imperfect Maintenance Model of Frack Circuits A Proposal of Maintenance Cost Model of Track Circuits A Design Approach for MFOP-based Maintenance Policy of Multi-component Systems On Sensitivity of Reliability Systems Operating in Random Environment to Shape of Their Input Distributions Reliability Indices Estimation of Pipeline Nation/s Reliability Indices Estimation of Pipeline Nation/s Reliability Indices Estimation of Pipeline Nation/s Investigation Characteristics and Properties of Queueing Networks to Provide Their Sustainability Statistical Analysis of Type-1 Genored Masked Data for Series System Under Process-Stress Accelerated Life Test A Life Prediction Method for High-peed Impeler was Accelerated Life Test
D4 I	20 22 I-1 I-8 27 28 II-3	I-20 I-22 C-I-1 C-I-8 I-27 I-28 C-II-3	Network Reliability Analysis Online Monitoring Stochastic Processes in Reliability Maintenance Models Sensitivity Analysis of Reliability Systems I Sensitivity Analysis of Reliability Systems II Accelerated? Life Testing	Kazunuki Suzuhi Vladimir Rykov	Ming J. Zuo Kazuyuki Suzuki Mario Hellmich Christophe Berenguer Vlaimir Rykov Dmitry Efrosinin	Vees Langeron, Mitra Fouladirad, and Antoine Grall Ding-Hallang Huang and Y-Kuel Lin Wei-Chang Y-Kuel Lin Wei-Chang Y-Kuen Y-Yun Chang, and Chyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamamoto Liu Jin and R. P. D. J. Rajapakaha Zeina Al Masry, Sophie Mercier, and Chiallain Verdier Mario Hollmich Fei Sun, Tongdan Jin, and Yi Ding Zhijun Chang, Yaning Oleo, and Bo Guo Hiroshi Shida, Hirofumi Oogushi, Yoshinobu Higami, Hirohisa Aman, and Hiroshi Takahashi Romain Lesobre, Koennamy Bouvard, Christophe Berenguer, Vincent Cocquempot, and Anne Barros Boyan Dimitrov and Sahib Esa Vladimir Rykoe and Victor Ibin Dmitzy Efrosinin, Janos Sztrik, and Mais Farkhadov Mikhali Sukharev Oleo, Abramov and Omitry Nazarov Igor Gurwich and Mais Farkhadov Xaoling Xu, Ronhau Wang, and Belcing Gu Yr-Chao Yin, Chenggeng Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Giuo-Zhong Fu, Hong-Zhong Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Guo-Zhong Fu, Hong-Zhong Huang, Yuan-Jian Yang, Yu Liu, and Yi-Chao Yin Nicolas Bousquet and Franck Corrett	Warranty Ocst Analysis: Increasing Warranty Regair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a hybrid Flow—those with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Searching for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Covariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Feoliniques and Aggrosimated Distribution of an Extended Gamma Process Generalized Markor Processes for Systems with Periodic Surveillance Testing and Morte Carlo Simulation Modeline, Aggregate Fleet Renewals with Uncertain System Installation Times Imperfect Maintenance Model of Prack Circuits A Proposal of Maintenance Cost Model of Track Circuits A Pesign Approach for MEOP-Based Markaneance Place of Markor Decision Process On Sensitivity of Reliability Systems Operating in Random Environment to Shape of Their Input Distributions Reliability and Sensitivity Analysis of An Aging Unit with a Pysteresis Policy for the Repair Application Reliability Indices Estimation of Pipeline Networks Application of Regions of Acceptability for Sensitivity Analysis Investigation Characteristics and Properties of Queueing Networks to Provide Their Sustainability Statistical Analysis of Types—Clomored Masked Data for Geries Systems Under Proces—Stress Accelerated Life Test A Life Prediction Method for High-speed Inpellers via Accelerated Life Test A Service Life Estimation Method for Offshore Sectoric Control Module Based on Sat Syray Test Exploring the Consideration of Sensition of Accelerated Life Test A Service Life Estimation Method for Offshore Sectoric Control Module Based on Sat Syray Test
D4 1	20 22 I-1 I-8 27	I-20 I-22 C-I-1 C-I-8 I-27 I-28 C-II-3	Network Reliability Analysis Online Monitoring Stochastic Processes in Reliability Maintenance Models Sensitivity Analysis of Reliability Systems I Sensitivity Analysis of Reliability Systems II	Kazunuki Suzuhi Vladimir Rykov	Ming J. Zuo Kazuyuki Suzuki Mario Hellmich Christophe Berenguer Vlaimir Rykov	Vives Langeron, Mitra Fouladirad, and Antoine Grall Ding-Hslang Huang and Yr-Kuel Lin Wei-Chang Yeh, Yi-Yun Chang, and Giyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamamoto Lu Jin and R. P. D. J. Rajapaksha Zeina Al Masry, Sophia Mercier, and Ghialain Verdier Mario Hellmich Fei Sun, Tongdan Jin, and Yi Ding Zhijun Chang, Yaning Glao, and Bo Guo Hiroshi Shida, Hrofum Oogushi, Yoshinobu Higami, Hirohisa Aman, and Hiroshi Takahashi Romain Leschra, Keomany Bouvard, Christophe Berenguer, Vincent Cocquempot, and Anne Barros Boyan Dimitrov and Sahib Esa Vladimir Rykov and Victor Ibin Dimtry Efrosimi, Janos Striki, and Mais Farkhadov Mikhall Sukharev Oleg Abramov and Dmitry Nazarov Gleg Gurevich and Mais Farkhadov Xisosling Xu, Ronghua Wang, and Beiqing Gu Yi-Chao Yin, Chenggeng Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Guo-Zhong Fu, Hong-Zhong Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Guo-Zhong Fu, Hong-Zhong Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Guo-Zhong Fu, Hong-Zhong Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Guo-Zhong Fu, Hong-Zhong Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Guo-Zhong Fu, Hong-Zhong Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Guo-Zhong Fu, Hong-Zhong Huang, Yuan-Jian Yang, Yu Liu, Jan Yang, And Yi-Chao Yin	Warranty Ocst Analysis: Increasing Warranty Regair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a Hybrid Flow-show with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Searching for Minimal Paths in Two-terminal Networks Ulaing Degradation Data with Dynamic Covariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Distribution of an Extended Gamma Process Generalized Markor Processes for Systems with Proceed States of Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Distribution of an Extended Gamma Process Generalized Markor Processes for Systems with Environment Systems in Care Systems with Proceed States of Systems with Proceeding Systems of Monitoring Aggregate Fleet Renewals with Uncertain System Installation Times Imperfect Maintenance Cost Model of Track Circuits A Design Approach for MFOP-based Mantenance Policy of Multi-component Systems On Sensitivity Systems Operating in Random Environment to Shape of Their Input Distributions On Sensitivity Analysis of Application of Reliability for Sensitivity Analysis Instituted Analysis of Type-1 Censored Masked Data for Series System Under Process-Stress Accelerated Life Test A Service Life Estimation Method for Offshore Electronic Control Module Based on Salt Spray Test Exploring the Consistency of Maximum Likelihood Estimator of Imperfect Repair ARA, I Mode
D4 I E1 C E2 C E3 I E4 I F1 C F2 C	20 22 I-1 I-8 27 28 II-3 I-9	I-20 I-22 C-I-1 C-I-8 I-27 I-28 C-II-3 C-II-9	Notwork Reliability Analysis Online Monitoring Stochastic Processes in Reliability Maintenance Models Sensitivity Analysis of Reliability Systems I Sensitivity Analysis of Reliability Systems II Accelerated? Life Testing	Kazuyuki Suzuki Vladimir Rykov Vladimir Rykov	Ming J. Zuo Kazuyuki Suzuki Mario Hellmich Christophe Berenguer Vlaimir Rykov Dmitry Efrosinin Franck Corset	Vives Langeron, Mitra Fouladirad, and Antoine Grall Ding-Hsiang Huang and Yi-Kuet Lin Wei-Chang Yeh, Yi-Yun Chang, and Chyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yii Hong Watalu Yamamoto Lu Jin and R. D. J. Rajapaksha Zeina Al Masary, Sophie Mercier, and Chislain Verdier Mario Hellmich Fei Sun, Tongdan Jin, and Yi Ding Zihjun Chong, Yaning Gilao, and Bo Guo Hiroshi Shida, Hrofumi Oogushi, Yoshinobu Higami, Hirohisa Aman, and Hiroshi Takahashi Romain Lesobre, Keomany Bouvard, Christophe Berenguer, Vincent Cocquempot, and Anne Barros Boyan Dimitro and Sahib Esa Vladimir Rykov and Victor Uhin Dimitry Efrosinin, Janos Sztrik, and Mais Farkhadov Mikhail Sukharav Oleg Abramov and Dmitry Nazarov Jegor Gurevich and Mais Farkhadov Xiaoling Xiu, Ronghua Wang, and Beloign Gu Yi-Chao Yin, Chenggen Huang, Yaun-Fang Li, Yuan-Jian Yang, and Yi-Chao Yin Nicolas Bousquet and Franck Corset Franck Corset and Yann Djoux Ren Yan Jiang Geogory Levitin and Liudong Xing	Warranty Ocst Analysis: Increasing Warranty Regair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a hybrid Flow-who with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Searching for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Ovariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Distribution of an Extended Gamma Process Generalized Markor Processes for Systems with Profesio Surveillance Testing and Monte Carlo Simulation Modeline, Aggregate Fleet Renewals with Uncertain System Installation Times Imperfact Maintenance Model of Provement Based on Markov Decision Process A Proposal of Maintenance Cost Model of Track Circuists A Design Approach for MFOP-based Maintenance Policy of Multi-component Systems On the Local Dependence Structure in Politics and in Reliability Distributions On Sensitivity of Reliability Systems Operating in Random Environment to Shape of Their Input Distributions Reliability Indices Estimation of Pipeline Nationo's Reliability Indices Estimation of Pipeline Nationo's A politication of Regions of Acceptability for Sensitivity Analysis Investigation Characteristics and Properties of Queueing Networks to Provide Their Sustainability Statistical Analysis of Type-1 Censored Masked Data for Series System Under Process-Stress Accelerated Life Tests A Life Prediction Method for telpi-page dimpelerative Accelerated Life Tests A Service Life Estimation Method for Performant Life Report Performing Method Processing Methods An Approximation to Mean Time to the Next Failure for Repairable Systems
D4 I	20 22 I-1 I-8 27 28 II-3	I-20 I-22 C-I-1 C-I-8 I-27 I-28 C-II-3 C-II-9	Network Reliability Analysis Online Monitoring Stochastic Processes in Reliability Maintenance Models Sensitivity Analysis of Reliability Systems I Sensitivity Analysis of Reliability Systems II Accelerated? Life Testing	Kazunuki Suzuhi Vladimir Rykov	Ming J. Zuo Kazuyuki Suzuki Mario Hellmich Christophe Berenguer Vlaimir Rykov Dmitry Efrosinin Franck Corset	Vives Langeron, Mitze Fouladired, and Antoine Grall Ding-Hising Huang and Yr-Kuel Lin Wei-Chang Yeh, 'Y-Yun Chang, and Chyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamamoto Lu Jin and R. P. D. J. Rajapaksha Zaina Al Masry, Sophis Mercier, and Chielain Verdier Mario Hellmich Fei Sun, Tongdan Jin, and Yi Ding Zhijun Cheng, Yaning Glao, and Bo Guo Hiroshi Shida, Hiroftuni Oogushi, Yoshinobu Higami, Hirohisa Aman, and Hiroshi Takahashi Romain Lesofere, Keomany Bouvard, Christophe Berenguer, Vincent Cocquempot, and Anne Barros Boyan Dimitrov and Sahib Esa Vladimir Rykov and Victor Itin Dmitzy Efrosinin, Janos Striki, and Mais Farkhadov Mikhail Sukharev Oleg Abramov and Dmitzy Nazarov Jeor Gurevich and Mais Farkhadov Mikhail Sukharev Oleg Abramov and Mais Farkhadov Xiaoling Xu, Ronghui Wang, and Bleiqing Gu Yi-Chao Yin, Chenggeng Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Guo-Zhong Fu, Hong-Zhong Huang, Yan-Feng Li, Yuan-Jian Yang, and Yi-Chao Yin Nicolas Bousquet and Franck Corset Franck Corset and Yann Dijoux Ren Yan Jiang	Warranty Ocst Analysis: Increasing Warranty Regair Times Controlled Systems, Fallure Prediction and Maintenance Demand Satisfaction of a hybrid Flow—those with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Sacrafting for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Covariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Aggrovimated Distribution of an Extended Gamma Process Generalized Markov Processes for Systems with Periodic Surveillance Testing and Morte Carlo Simulation Modeline, Aggregate Fleet Renewals with Uncertain System Installation Times Imperfact Maintenance Model of Prack Circuits A Proposal of Maintenance Cost Model of Track Circuits A Pesignal of Maintenance Cost Model of Track Circuits A Pasign Aggregate Fleet Fleet Renewals Markaneance Policy of Multi-component Systems On the Local Dependence Structure in Politics and in Reliability Distributions On Sensitivity of Reliability Systems Operating in Rendom Environment to Shape of Their Input Distributions Reliability Indices Estimation of Pipeline Networks Reliability Indices Estimation of Pipeline Networks Application of Regions of Acceptability for Sensitivity Analysis Investigation Characteristics and Properties of Queueing Networks to Provide Their Sustainability Investigation Characteristics and Properties of Gueueing Networks to Provide Their Sustainability Investigation Characteristics and Properties of Gueueing Networks to Provide Their Sustainability Investigation Characteristics and Properties of Gueueing Networks to Provide Their Sustainability Investigation Characteristics and Properties of Gueueing Networks to Provide Their Sustainability Investigation Characteristics and Properties of Gueueing Networks to Provide Their Susta
D4 I E1 C E2 C E3 I E4 I F1 C F2 C	20 22 I-1 I-8 27 28 II-3 I-9	I-20 I-22 C-I-1 C-I-8 I-27 I-28 C-II-3 C-II-9	Notwork Reliability Analysis Online Monitoring Stochastic Processes in Reliability Maintenance Models Sensitivity Analysis of Reliability Systems I Sensitivity Analysis of Reliability Systems II Accelerated? Life Testing	Kazuyuki Suzuki Vladimir Rykov Vladimir Rykov	Ming J. Zuo Kazuyuki Suzuki Mario Hellmich Christophe Berenguer Vlaimir Rykov Dmitry Efrosinin Franck Corset	Vives Langeron, Mitra Fouladirad, and Antoine Grall Ding-Hslang Huang and Yi-Kuel Lin Wei-Chang Yoh, 'Yi-Yun Chang, and Giyh-Ming Lai Guanghan Bai, Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yaramoto Lu Jin and R. P. D. J. Rjappaksha Zeina Al Masry, Sophis Mercier, and Ghislain Verdier Mario Hellmich Fei Sun. Tongdan Jin, and Yi Ding Zhijun Chang, Yaning Glao, and Bo Guo Hiroshi Shida, Hrofurn Oogushi, Yoshinobu Higami, Hirohisa Aman, and Hiroshi Takahashi Romain Lesobre, Keomany Bouvard, Christophe Berenguer, Vincent Cocquempot, and Anne Barros Boyan Dimitrov and Sahib Esa Vladmir Rykov and Victor Ibin Dimtry Efrosimi, Janos Sztrik, and Mais Farkhadov Mikhall Sukharva Oleg Abramov and Dmitry Nazarov Oleg Abramov and Dmitry Nazarov Oleg Abramov and Mais Farkhadov Xisoling Xu, Ronghua Wang, and Beicing Gu Yi-Chao Yin, Chenggeng Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Guo-Zhong Fu, Hong-Zhong Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Gregor Lewkin and Liudong Xing Ren Yan Jiang Ren Yan Jiang Gregor Lewkin and Liudong Xing Ping-Chen Chang, Lance Friendella, and Yi-Kuei Lin Fumi Oli	Warranty Ocst Analysis: Increasing Warranty Regair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a Hybrid Flow-show with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Searching for Minimal Paths in Two-terminal Networks Ulaing Degradation Data with Dynamic Covariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Dateriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Distribution of an Extended Garman Process Generalized Markor Processes for Systems with Prodiction Surveillance Testing and Monte Carlo Simulation Modeling Aggregate Fleet Renewals with Uncertain System Installation Times Imperfect Maintenance Model of Pavement Based on Markov Decision Process A Proposal of Maintenance Cost Model of Track Circuits A Design Approach for MFOP-based Mantenance Policy of Multi-component Systems On the Local Dependence Structure in Politics and in Reliability Distributions On Semalistity Analysis of A Agging Line in Politics and in Reliability To Institutions Reliability and Semantibuty Analysis in Politics and in Reliability Sistems Politics of the Repair Facility Activation Reliability Indices Estimation of Pipeline Networks Application of Regions of Acceptability for Sensitivity Analysis Institution of Regions of Acceptability for Sensitivity Analysis Institution of Pipeline Networks A Life Prediction Mothod for High-paped Impeder Repair Paper (Paper) Statistical Analysis of Type-1 Censored Masked Data for Series System Under Process-Stress Accelerated Life Test A Service Life Estimation Method for Offshore Electronic Control Module Based on Salt Spray Test Exploring the Consistency of Maximum Likelihood Estimator of Imperfect Repair ARA (I Models Computed from a Single Trajectory A Response of Marimum Likelihood Estimator of Imperfect Repair
D4 I E1 C E2 C E3 I E4 I F1 C F2 C	20 22 I-1 I-8 27 28 II-3 I-9	1-20 1-22 C-1-1 C-1-8 1-27 I-28 C-11-3 C-1-9 I-18	Notwork Reliability Analysis Online Monitoring Stochastic Processes in Reliability Maintenance Models Sensitivity Analysis of Reliability Systems I Sensitivity Analysis of Reliability Systems II Accelerated? Life Testing	Kazuyuki Suzuki Vladimir Rykov Vladimir Rykov	Ming J. Zuo Kazuyuki Suzuki Mario Hellmich Christophe Berenguer Vlaimir Rykov Dmitry Efrosinin Franck Corset Gregory Levitin	Vives Langeron, Mitra Fouladirad, and Antoine Grall Ding-Hsiang Huang and Yi-Kuet Lin Wei-Chang Yeh, Yi-Yun Chang, and Chyh-Ming Lai Guanghan Bai. Zhigang Tian, and Ming J. Zuo Yii Hong Watalu Yamamoto Watalu Yamamoto Lu Jin and R. P. D. J. Rajapaksha Zeina Al Maany, Sophie Mercier, and Chislain Verdier Mario Halmini. Fei Sun, Tongdan Jin, and Yi Ding Zhijun Chong, Yaning Glao, and Bo Guo Hrioshi Shida, Hriofumi Oogushi, Yoshinobu Higami, Hirohisa Aman, and Hiroshi Takahashi Romain Lesobre, Keomany Bouvard, Christophe Berenguer, Vincent Cocquempot, and Anne Barros Boyan Dimitrov and Sahib Esa Vladdini Rykov and Victor Itkin Dimtry Efrosiani, Janos Strik, and Mais Farkhadov Mikhali Sukharev Oleg Abramov and Dmitry Nazarov Iger Gurevich and Mais Farkhadov Xaoling Xu, Ronghua Wang, and Beiojing Gu Yi-Chao Yin, Chenggeng Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Guo-Zhong Fu, Hong-Zhong Huang, Yan-Feng Li, Yuan-Jian Yang, and Yi-Chao Yin Nicolas Bousquett and Franck Corest and Yang Gregory Levikin and Liudong Xing Gregory Levikin and Liudong Xing Ping-Chen Chang, Lance Fiondella, and Yi-Kuei Lin Firmio Chi.	Warranty Ocst Analysis: Increasing Warranty Regair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a hybrid Flow-who with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Detariorated Multi-state Flow Network A Improved Algorithm for Searching for Minimal Paths in Two-terminal Networks Using Degradation Data with Dynamic Ovariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Detariorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Detarbution of an Extended Gamma Process Generalized Markor Processes for Systems with Proceed Surveillance Testing and Monitor Carlo Simulation Modeling Aggregate Fleet Renewals with Uncertain System Installation Times Imperfect Ministranance Model of Prack Circuits A Proposal of Maintenance Coat Model of Track Circuits A Design Aggregate Fleet Renewals with Uncertain System Installation Times Imperfect Ministranance Model of Prack Circuits A Design Aggregate for METOP-based Markeranance Policy of Multi-component Systems On the Local Dependence Structure in Politics and in Reliability Distributions On Sensitivity Analysis Operating in Random Environment to Shape of Their Input Distributions Reliability Indices Estimation of Pipeline Networks Application of Regions of Acceptability for Sansitivity Analysis Investigation Characteristics and Proporties of Queueing Networks to Provide Their Sustainability Investigation Characteristics and Proporties of Queueing Networks to Provide Their Sustainability Statistical Analysis of Type-I Censored Masked Data for Series System Under Process-Stress Accelerated Life Test A Life Prediction Method for High-pased Impellers via Accelerated Life Tests A Service Life Estimation Method of Profiler Repair Refail For Series System Under Process-Stress Accelerated Life Test A Reprovincion to Mean Time to the Next Failure for Repairable Systems States
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D4 I E1 C E2 C E3 I E4 I F1 C F2 C	20	I-20 I-22 C-I-1 C-I-8 I-27 I-28 C-II-3 C-I-9 I-18	Notwork Reliability Analysis Online Monitoring Stochastic Processes in Reliability Maintenance Models Sensitivity Analysis of Reliability Systems I Sensitivity Analysis of Reliability Systems II Accelerated? Life Testing Repair Models Multi-state and Continuous-state System Reliability II	Kazuyuki Suzuki Vladimir Rykov Vladimir Rykov Anatoly Lisnianski and Gregory Levitin	Ming J. Zuo Kazuyuki Suzuki Mario Hellmich Christophe Berenguer Vlaimir Rykov Dmitry Efrosinin Franck Corset Gregory Levitin	Vives Langeron, Mitra Fouladirad, and Antoine Grall Ding-Halang Huang and Yi-Kuel Lin Wei-Chang Yeh, Yi-Yun Chang, and Chyh-Ming Lai Guanghan Bai. Zhigang Tian, and Ming J. Zuo Yili Hong Watalu Yamamoto Lu Jin and R. P. D. J. Rajapakaha Zeina Al Masry, Sophie Mercier, and Chialain Verdier Mario Hellmich Fei Sun. Tongdan Jin, and Yi Ding Zhijun Cheng, Yaning Glao, and Bo Guo Hiroshi Shida, Hrofurn Oogushi, Yoshinobu Higami, Hirohisia Aman, and Hiroshi Takahashi Romain Lesobre, Keomany Bouward, Christophe Berenguer, Vincent Cocquempot, and Anne Barros Boyan Dimitroy and Sahib Esa Viadimir Rykov and Victor Itkin Dimitry Efrosinin, Janos Sztrik, and Mais Farkhadov Mikhall Sukharva Oleg, Abramov and Dmitry Nazarov Ligor Gurevich and Mais Farkhadov Xisoling Xu, Ronghua Wang, and Belsing Gu Ligor Gurevich and Mais Farkhadov Nicolas Bousquet and Franck Correct Franck Corset Rongeng Huang, Yuan-Jian Yang, Yu Liu, and Hong-Zhong Huang Guo-Zhong Fu, Hong-Zhong Huang, Yan-Feng Li, Yuan-Jian Yang, and Yi-Chao Yin Nicolas Bousquet and Franck Correct Franck Corset and Yann Dijoux Ren Yan Jiang Gregor, Levikin and Liudong Xing Ping-Chen Chang, Lance Fiondella, and Yi-Kuei Lin Fumio Ohi Ohaonan Wang, Liudong Xing, and Rui Peng Mu-Yixi Sun, Yan-Fu Li, and Enrico Zio Tian Zhang, Rui Yang, Wang-Lingding Zhai, and Yi Ding	Warranty Ocst Analysis: Increasing Warranty Regair Times Controlled Systems, Failure Prediction and Maintenance Demand Satisfaction of a hybrid Flow-who with Completion Time Consideration A Simple Path-based Algorithm for Evaluating the Reliability of a Deteriorated Multi-state Flow Network A Improved Algorithm for Searching for Minimal Path in Two-terminal Networks Using Degradation Data with Dynamic Ovariates to Do Online Monitoring Time Scales for Online Monitoring Data Optimal Decision Policy for Deteriorating Systems with On-line Monitoring in a Varying Environment Under Selectable Operations Simulation Techniques and Approximated Distribution of an Extended Gamma Process Generalized Markor Processes for Systems with Profession Systems Installation Times Imperface Maintenance Model of Proveners Based on Markov Decision Process A Proposal of Maintenance Cost Model of Track Circusts A Design Approach for MFOP-based Maintenance Policy of Multi-component Systems On the Local Dependence Structure in Politics and in Reliability Distributions On Semativity of Reliability Systems Operating in Random Environment to Shape of Their Irput Distributions Reliability Indices Estimation of Popision Nationals Reliability Indices Estimation of Popision Analysis Investigation Characteristics and Properties of Queueing Networks to Provide Their Sustainability Investigation Characteristics and Properties of Queueing Networks to Provide Their Sustainability Reliability Indices Estimation of Popision Networks Application of Regions of Acceptability for Sensitivity Analysis Investigation Characteristics and Properties of Queueing Networks to Provide Their Sustainability Reliability Moders Estimation Method for Very James and Properties of Queueing Networks to Provide Their Sustainability Reliability Moders Resistancy of Properties of Queueing Networks to Provide Their Sustainability Resistance of Properties of Queueing Networks to Provide Their Sustainability Resistance Life Estimation Methods for Offishore Electronic Control Mod
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Life Testing Repair Models Multi-state and Continuous-state System Reliability II Multi-state and Continuous-state System Reliability III Optimization Statistical Machine Learning and Its Applications Statistical Innovations in Failure Time Modeling of Complex Systems Advanced Topics in Importance Measures for System Reliability Stochastic Orders in Reliability Theory Lifetime Data Analysis Censoring Methodology and Associated Inferential Results Computational Methods in Reliability	Kazuyuki Suzuki Vladimir Rykov Vladimir Rykov Vladimir Rykov Anatoly Lisnianski and Gregory Levitin Mantoly Lisnianski and Gregory Levitin Anatoly Lisnianski and Gregory Levitin Mantoly Lisnianski and Gregory Levitin Anatoly Lisnianski an	Ming J. Zuo Kazuyuki Suzuki Mario Hellmich Christophe Berenguer Vlaimir Rykov Dmitry Efrosinin Franck Corset Gregory Levitin L. 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Adan Dira, Jian-Jian Heish	Warretty Cost Analysis Increasing Warretty Report Times Controlled Systems Failure Prediction and waterscance Demand Statisection of a hybrid Flour-whoe with Competent Time Consideration Simple Path-based Agnorthm for Searching for Minimal Paths in Two-terminal Network An Improved Algorithm for Searching for Minimal Paths in Two-terminal Network Using Degrelation for at with Dynamic Construction State Official Minimal Paths in Two-terminal Network Using Degrelation for the Without Path State Official Network (Institute State Official Monitoring Data) Optimal Decision Processes for Systems with Orr-line Monitoring in a Varying Environment Under Selectable Operations Simulation Tockhiques and Agrovinsted Distribution of an Extended Games Process Generalized Methor Processes for Systems with Orr-line Monitoring in a Varying Environment Under Selectable Operations Simulation Tockhiques and Agrovinsted Distribution of an Extended Games Process Generalized Methor Processes for Systems with Provide Courtembron Tector Simulation Modeling Agrangets Pries Reviews with User-tain Systems Institution Trees Impetited Minimalson Model of Provineed Based on Merico Courtem Process A Proposal of Maintenance Costs Model of Tread Circuits The Search Courtembron Cost Model of Tread Circuits The Search Courtembron Search Courtembron Environment to Stape of Their Institutions The Search Courtembron Cost Model of Tread Circuits The Search Courtembron Cost Model of Tread Circuits The Search Courtembron Cost Model of Tread Circuits The Search Courtembron Cost Agranged State Courtembron Courtembron Courtembron Courtembron Courtembron Courtembron Courtembron Courtembro

			Analysis of Imperfect Reliability and Survival Data I	Hon Keung Tony Ng	Man-Ho Ling	Man Lai Tang and Hon Keung Tony Ng	Sequential Nonperametric Procedures for Testing the Equality of Two Lifetime Distributions
3D1 I	1 .	4 I-				Zhisheng Ye	New Estimating Equations for the Gamma Distribution
						Xingqiu Zhao, Yuanshan Wu, and Guosheng Yin	Sieve Maximum Likelihood Estimation for a General Class of Accelerated Hazards Models with Bundled Parameters
			Analysis of Imperfect Reliability and Survival Data II			Ping Shing Chan, Peng Zhao, and Hon Keung Tony Ng	Optimal Allocation of Redundancies in Series Systems
3D2	1 :	5 I-		Hon Keung Tony Ng	Hon Keung Tony Ng	Man-Ho Ling, Hon Yiu So, and Narayanaswamy Balakrishnan	Analysis for One-shot Device Testing Data with Competing Risks
						Feng Su, Xiaojun Zhu, and Narayanaswamy Balakrishnan	Exact Likelihood Inference for Two Exponential Populations Based on Joint Generalized Type-I Hybrid Censoring
			4 Maintenance Modeling II	Tetsushi Yuge	Tetsushi Yuge	Tomohiro Kitagawa, Tetsushi Yuge, and Shigeru Yanagi	Non-Periodic Inspection and Replacement Policy for a Multi-unit One-shot System with Minimal Perair
3E1	I 1-	4 I-1				Xufeng Zhao, Khalifa N. Al-Khalifa, Won Young Yun, and Toshio Nakagawa	Optimal Undertime Replacement Polices with Random Working Cycles
						Ferenc Szidarovszky, Harry Guo, Akio Matsumoto, and Miklós Szidarovszky	Age Replacement with Competing Failure Modes
			Maintenance Modeling III	Tetsushi Yuge	Mingchih Chen	Kodo Ito and Toshio Nakagawa	A Stochastic Model of Commercial Airframe Maintenance
3E2	1 1	5 I-1				Mingchih Chen, Cunhua Qian, Xufeng Zhao, and Toshio Nakagawa	Discrete Replacement Models with Works and Failures
						Satoshi Mizutani and Toshio Nakagawa	Extended Replacement Overtime Policies for Job with a Finite Number of Works
			3 Aging and Maintenance in Technical and Biological Systems	Maxim Finkelstein	Maxim Finkelstein	Maxim Finkelstein and Ilya Gertsbakh	Preventive Maintenance of Systems Described by Signatures
3F1	1 :	3 I-				Mahmood Shafiee, Maxim Finkelstein, and Christophe Berenguer	On Stochastic Modelling of Maintenance for Continuously Monitored Systems Subject to Multiple Deterioration and External Shocks
						Trifon I. Missov and James W. Vaupel	Fixed-frailty Modeling Implications of Mortality Plateaus
					Cheng-Ta Yeh (#1) Nasser Hassan Abosag (#2)	Zongke He, Zhengrong Shen, and Debin Cheng	Design of Reliability Testing Plans for a Condensed System Based on Equal Acceptance Probability
			Decision Making in Reliability			Cheng-Ta Yeh	Reliability Evaluation for a Multi-source Multi-sink Logistics Network with Stochastic Capacity
3F2	C I-7(5) C-I-7(5				Francisco Germán Badía and Carmen Sangüesa	Inventory Models with Stochastic Lead Times and Queueing Systems; Applications of Shape Properties of Randomly Stopped Counting Process
					, , , , , , , , , , , , , , , , , , , ,	Yunyan Xing and Ping Jiang	A Sequential Testing Method for Binomial Products in Varying Population Development
						Nasser Abosaq and Krishnan Subramaniam	Enhance Prediction of Software Failure Times by Removing the Outliers
			18 Theory and Methods for System Reliability			Hongyan Dui and Liwei Chen	Integrated Importance Measure of System Survivability in Multi-state Protection Systems
3G1	1 2	8 1-3		Lirong Cui	Lirong Cui	Xujie Jia, Aoxue Su, Shangwei Zhao, and Zhongping Li	Reliability Analysis of the Life Dependent Safety-critical System with Three-states Based on Copula
301	1 "	٠, ا			Lirong Out	Zhiqiang Cai, Yang Li, Shubin Si, and Lili Zhang	Reliability Analysis of a Three Node WSN Model
						Lirong Cui, Yan Li, and Jingyuan Shen	On Some Problems for Aggregated Stochastic Processes in Reliability
			(6) System Reliability		Annamraju Syamsundar (#1)	Ronghua Wang, Xiaoling Xu, and Beiqing Gu	Depiction of Exponential Distribution by Using Order Statistics
						Syamsundar Annamraju	Assessing Reliability of Large and Complex Industrial Repairable Systems Using Multi Level Modelling and Big Data
3G2	C 1-40	6) C-1-4(6				Wei-Chang Yeh, Haw-Sheng Wu, and Chyh-Ming Lai	A Novel 2D Binary-state Angle Network and its Reliability Evaluation
Juli	1	77			7 maninga Oyambandar (117)	S. B. Singh and Khushal Singh Bohra	Evaluating Fuzzy System Reliability Using Intuitinistic Fuzzy Exponential Lifetime Distribution
						Zhiguo Zeng, Qingyuan Zhang, Yunxia Chen, and Rui Kang	Reliability Box as a Tool for Reliability Analysis in Presence of Epistemic Uncertainty
						Konul Bayramoglu	On Reliability and MRL Functions of Coherent Systems with Active Redundancy
			9 Warranty Data Analysis	Stefanka Chukova and Yu Hayakawa	Yu Hayakawa	Bharatendra Rai	Warranty Spend Prediction for Failures Influenced by Seasonality
4A1	1 3	9 1-3				Xin Wang and Zhisheng Ye	Warranty Data Analysis Concerning Report Behaviour of Customers
						Stefanka Chukova and Yu Hayakawa	Auto Warranty Data: Estimation of the Mean Cumulative Function
			Structural Reliability and Aging Properties of Reliability Systems	Markos V. Koutras	Markos V. Koutras	Serkan Eryilmaz	Some Results on Aging Properties and Stochastic Orders of Multi-state Systems
4B1	1 3	7 I-3				Fotios S. Milienos, Narayanaswamy Balakrishnan, and Markos V. Koutras	On the Start-up Demonstration Test Theory
						Markos V. Koutras, Narayanaswamy Balakrishnan, and Fotios S. Milienos	Mixed Start-up Demonstration Tests
				Tadashi Dohi	Mitsuhiro Kimura	Mitsuhiro Imaizumi and Mitsutaka Kimura	Optimal Management Policy for a Control System Considering Security
4C1	1 3	2 I-3	2 Software System Reliability IV			Syouji Nakamura, Xufeng Zhao, and Toshio Nakagawa	Optimal Sever Number of m-out-of-n System with n Servers for m Jobs
	_					Shunsuke Tokumoto and Tadashi Dohi	Interval Estimation of Optimal Software Rejuvenation Policy
				Sophie Mercier	Sophie Mercier	Ji Hwan Cha, Inmaculada T. Castro, and Carmen Sangüesa	Assessment of a Condition-based Maintenance Strategy for a System Subject to Degradation Failures and Catastrophic Failures Sharing an Initial Common Source
4D1	1 1	0 I-1	0 Deterioration Models			Christian Paroissin	Inference for the Wiener Process with Random Initiation Time
	1	+				Sophie Mercier, Anne Barros, and Antoine Grall	A Multivariate Degradation Model with Dependence Due to Shocks
4E1 I	2	5 1-2	Determining Reliability in Complex Engineered Systems	Tim Bedford	Tim Bedford	Tim Bedford, Athena Zitrou, Lesley Walls, Kevin Wilson, and Keith Bell	Managing Systemic Reliability Challenges for Offshore Windfarms
	-	+				Takeshi Matsuoka	An Exact Method for Solving Loop Structured System in Reliability Analysis
			6 Repairable Systems	Paul Kvam and Vasiliy Krivtsov	Paul Kvam	Vasiliy Krivtsov, Michael Frankstein, and Alex Yevkin	Recurrent Repair Analysis of Sibling Components
4F1	1 2	6 I-2				Bo Henry Lindqvist and Zeytu Gashaw Asfaw	Extending Minimal Repair Models for Repairable Systems: A Comparison of Dynamic and Heterogeneous Extensions of a Nonhomogeneous Poisson Process
	-	+				Edsel A. Peña and Piaomu Liu	Joint Dynamic Modeling of Recurrent Competing Risks and a Terminal Event
4G1	1 2	٠. ا	23 Optimization Methods in Systems Reliability Theory	Hisashi Yamamoto and Won Young Yun	n Won Young Yun	Won Young Yun, Young Jin Han, and Won Seok Jeon	Preventive Maintenance Intervals for a Multi-unit System
461	1 2	3 1-2				Tomoaki Akiba, Natsumi Takahashi, and Hisashi Yamamoto	Reliability of 3-Dimensional Consecutive-k System
						Xiao Xiao, Natsumi Takahashi, Yi Chen, and Hisashi Yamamoto	Reconsideration of Network Types - the cases of e=n+1, e=n+2 and e=n+3 -