

1. Record Nr.	UNINA9910711597503321
Autore	Stevens Gary L (P.E.)
Titolo	Technical basis for regulatory guidance on the alternate pressurized thermal shock rule : final report / / prepared by G. Stevens, M. Kirk, M. Modarres
Pubbl/distr/stampa	Washington, DC : , : United States Nuclear Regulatory Commission, Office of Nuclear Regulatory Research, , September 2018
Descrizione fisica	1 online resource (various pagings) : color illustrations
Soggetti	Thermal stresses Pressurized water reactors - United States Nuclear reactors - Materials - Thermal properties - United States Nuclear reactor accidents - United States - Prevention
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"NUREG-2163." "Manuscript completed: December, 2016; date published: September 2018." "Performing organization: University of Maryland Clark School of Engineering College Park." Includes bibliographical references.
Nota di bibliografia	

2. Record Nr.	UNINA9910768172403321
Titolo	Combinatorics, Algorithms, Probabilistic and Experimental Methodologies : First International Symposium, ESCAPE 2007, Hangzhou, China, April 7-9, 2007, Revised Selected Papers / / edited by Bo Chen, Mike Paterson, Guochuan Zhang
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2007
ISBN	3-540-74450-9
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (XII, 530 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 4614
Disciplina	511.6
Soggetti	Algorithms Pattern recognition systems Computer simulation Data mining Bioinformatics Automated Pattern Recognition Computer Modelling Data Mining and Knowledge Discovery Computational and Systems Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The Tight Bound of First Fit Decreasing Bin-Packing Algorithm Is $FFD(I) \geq 11/9OPT(I) + 6/9$ -- Sequential Vector Packing -- A Tighter Analysis of Set Cover Greedy Algorithm for Test Set -- A More Effective Linear Kernelization for Cluster Editing -- CR-precis: A Deterministic Summary Structure for Update Data Streams -- An Effective Refinement Algorithm Based on Swarm Intelligence for Graph Bipartitioning -- On the Complexity and Approximation of the Min-Sum and Min-Max Disjoint Paths Problems -- A Digital Watermarking Scheme Based on Singular Value Decomposition -- A New $(t,n) \geq 2$ Threshold Scheme Based on Difference Equations -- Clique-Transversal Sets in Cubic Graphs -- On the $L(h,k)$ -Labeling of Co-comparability Graphs -- An Approximation Algorithm for the General Mixed Packing and Covering

Problem -- Extending the Hardness of RNA Secondary Structure Comparison -- On the On-Line Weighted k-Taxi Problem -- Model Futility and Dynamic Boundaries with Application in Banking Default Risk Modeling -- On the Minimum Risk-Sum Path Problem -- Constrained Cycle Covers in Halin Graphs -- Optimal Semi-online Algorithms for Scheduling with Machine Activation Cost -- A Fast Asymptotic Approximation Scheme for Bin Packing with Rejection -- Online Coupon Consumption Problem -- Application of Copula and Copula-CVaR in the Multivariate Portfolio Optimization -- Online Capacitated Interval Coloring -- Energy Efficient Heuristic Scheduling Algorithms for Multimedia Service -- Call Control and Routing in SONET Rings -- Fast Matching Method for DNA Sequences -- All-Pairs Ancestor Problems in Weighted Dags -- Streaming Algorithms for Data in Motion -- A Scheduling Problem with One Producer and the Bargaining Counterpart with Two Producers -- Phrase-Based Statistical Language Modeling from Bilingual ParallelCorpus -- Optimal Commodity Distribution for a Vehicle with Fixed Capacity Under Vendor Managed Inventory -- On-Line Bin Packing with Arbitrary Release Times -- On the Complexity of the Max-Edge-Coloring Problem with Its Variants -- Quantitative Analysis of Multi-hop Wireless Networks Using a Novel Paradigm -- Inverse Min-Max Spanning Tree Problem Under the Weighted Sum-Type Hamming Distance -- Robust Optimization Model for a Class of Uncertain Linear Programs -- An Efficient Algorithm for Solving the Container Loading Problem -- A Bijective Code for k-Trees with Linear Time Encoding and Decoding -- Market-Based Service Selection Framework in Grid Computing -- Informative Gene Selection and Tumor Classification by Null Space LDA for Microarray Data -- Heuristic Search for 2D NMR Alignment to Support Metabolite Identification -- A New Succinct Representation of RMQ-Information and Improvements in the Enhanced Suffix Array -- Lagrangian Relaxation and Cutting Planes for the Vertex Separator Problem -- Finding Pure Nash Equilibrium of Graphical Game Via Constraints Satisfaction Approach -- A New Load Balanced Routing Algorithm for Torus Networks -- Optimal Semi-online Scheduling Algorithms on a Small Number of Machines -- Lower Bounds on Edge Searching.

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#### Sommario/riassunto

The refereed post-proceedings of the First International Symposium on Combinatorics, Algorithms, Probabilistic and Experimental Methodologies are presented in this volume. The symposium provided an interdisciplinary forum for researchers to share their discoveries and approaches. The 46 full papers address large data processing problems using different methodologies from major disciplines such as computer science, combinatorics, and statistics.

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