



INFORMS Journal on Computing

Publication details, including instructions for authors and subscription information:
<http://pubsonline.informs.org>

Key Word Index

To cite this article:

(2007) Key Word Index. INFORMS Journal on Computing 19(4):663-664. <https://doi.org/10.1287/ijoc.1070.0244>

Full terms and conditions of use: <https://pubsonline.informs.org/Publications/Librarians-Portal/PubsOnLine-Terms-and-Conditions>

This article may be used only for the purposes of research, teaching, and/or private study. Commercial use or systematic downloading (by robots or other automatic processes) is prohibited without explicit Publisher approval, unless otherwise noted. For more information, contact permissions@informs.org.

The Publisher does not warrant or guarantee the article's accuracy, completeness, merchantability, fitness for a particular purpose, or non-infringement. Descriptions of, or references to, products or publications, or inclusion of an advertisement in this article, neither constitutes nor implies a guarantee, endorsement, or support of claims made of that product, publication, or service.

Copyright © 2007, INFORMS

Please scroll down for article—it is on subsequent pages



With 12,500 members from nearly 90 countries, INFORMS is the largest international association of operations research (O.R.) and analytics professionals and students. INFORMS provides unique networking and learning opportunities for individual professionals, and organizations of all types and sizes, to better understand and use O.R. and analytics tools and methods to transform strategic visions and achieve better outcomes.

For more information on INFORMS, its publications, membership, or meetings visit <http://www.informs.org>

Key Word Index

- Adaptive routing: 542
 All different: 406
 Analysis of algorithms: 52, 161, 280, 395, 596
 Approximation algorithms: 52, 575
 Area variance estimator: 314
 Artificial intelligence: 302, 575
 Auctions: 137
- Bandits: 596
 Bargaining: 588
 Barrier-Lagrangian reformulation: 3
 Binary encoding: 406
 Blackbox search: 273
 Branch-and-bound: 27, 36, 280, 458, 552, 633
 Busy period: 121
- Capacity constraints: 14
 Catalog design: 510
 Cell-suppression problem: 520
 Classification: 470
 Column generation: 565
 Combinatorial optimization: 291, 356, 646
 Communication networks: 542
 Computational complexity: 185, 596
 Computational testing: 646
 Computer system performance modeling: 215
 Conformal: 366
 Continuous-time Markov chain: 121
 Correlation: 101
 Cramér-von Mises variance estimator: 314
 Cross entropy: 381
 Cut enumeration: 175
 Cutting: 27, 261
 Cutting-plane algorithm: 36, 229, 356
 Cutting sequencing: 607
- Data envelopment analysis: 486
 Data mining: 185
 Data network pricing: 248
 Decision making: 588
 Decomposition: 429
 Design of experiments (DOE): 302
 Deterministic scheduling: 633
 Dissimilarities: 470
 Distributed computing: 542
 Dynamic programming: 161, 185, 596, 607
- Edge coloring: 406
 Electronic commerce: 510
 Ensembles: 486
 Evolutionary algorithms: 91, 291, 534
 Expensive function: 497
- Finite state: 596
 Flowshop: 64
 Fourier-series method: 341
 Function approximation: 497
- Gaver-Stehfest algorithm: 341
 Generalized Vandermonde matrix: 341
 Genetic algorithms: 302, 510
 Gittins index: 596
 Global optimization: 328, 497
- Gradient methods: 328
 Graph traversal: 127
 GRASP: 261
 Guidance mechanisms: 429
 Guided simulation: 429
- Heuristic worst-case analysis: 633
 Heuristics: 14, 80, 185, 261, 416, 575, 588, 646
- Importance sampling: 381
 Integer programming: 406, 416, 470
 Intelligent systems: 302
 Interdiction: 175
 Internet search engines: 137
- Lagrangian dual: 3
 Lagrangian relaxation: 3, 175, 565
 Laplace transforms: 112, 341
 Large-scale infrastructure design: 429
 Large-scale optimization: 239
 LIFO loading: 618
 Linear programming: 520
 Local search: 52
 Looping: 542
- Markov chains: 215, 596
Mathematica programming language: 341
 Matrix-analytic methods: 215, 480
 Maximum flow: 175
 Maximum orbit size: 121
 Mean-variance optimization: 239
 Metaheuristics: 429, 534, 552
 Method of batch means: 314
 Method of standardized time series: 314
 Minimization of maximum number of open stacks: 607
 Missing values: 470
 Mixed integer nonlinear programming: 328
 Mixed integer programming: 534
 Model combination: 486
 Multiple criteria programming: 64, 91, 291, 429
 Multiple-comparison procedures: 101
 Multiprecision computing: 341
 Multistart heuristic: 328
- Nearest neighbor: 470
 Neighborhood search: 416, 646
 Network design: 510
 Network externality: 248
 Network optimization: 416, 520
 Networks-graphs, multicommodity: 458
 No free lunch: 273
 Nondifferentiable optimization: 3
 Nonlinear multiobjective optimization: 91
 Nonlinear programming: 161
 Nonoverlapping variance estimator: 314
 Numerical methods: 112
 Numerical transform inversion: 341
- Office-space-allocation: 575
 Open stacks: 27
 Optical networks: 565
 Optimal prototype subset: 470
 Optimal sampling schemes: 101

- Optimal stopping: 596
Optimization: 366
Overlapping variance estimator: 314
- Packing: 261
Penalty methods: 80
Perturbation technique: 3
Pickup and delivery: 618
Power algorithms: 341
Power test functions: 341
Preferential placement: 137
Primal-dual methods: 552
Production and inventory planning: 14
Production-scheduling, cutting stock: 36, 395
Production-scheduling, multiple machine: 52
Programming complementarity integer-programming applications: 73
Programming, integer: 229, 280, 395, 458
- Quadratic assignment problem: 510, 646
Quadratic programming: 239, 280
Quality of service: 248, 429
Quasi birth-death processes: 215
- Radial basis function: 497
Rare events: 381
Rescheduling for new job disruptions: 633
Response surface model: 302, 497
- Sampling: 366
Scatter search: 328
Scheduling: 64, 443
Sequence optimization: 27, 185
Shortest paths: 520, 542
Simple plant-location problem: 552
Simplex method: 596
Simulated annealing: 80, 127
- Simulation: 150, 381
Simulation budget allocation: 101
Simulation optimization: 429
Simulation output analysis methods: 314
Six Sigma: 302
Slot allocation: 137
Software: 588
Spectral analysis: 150
Sponsored search: 137
Statistical analysis: 150
Statistical disclosure control: 520
Steady-state analysis: 150
Steady-state simulation: 314
Stochastic programming: 239
Support vector machine: 302
Surrogate model: 497
- Tail probabilities: 480
Talbot's method: 341
Time windows: 80
Traffic grooming: 565
Transportation: 443
Transportation, air: 416
Traveling salesman problem: 80, 356, 618
Treatment planning: 366
Trees: 542
Tridiagonal linear system: 121
- Validation: 185
Variable neighborhood search: 470, 552, 618
Vehicle routing: 443
- Waiting time: 480
Wavelength division multiplexing: 565
Wavelet analysis: 150
Web-navigation metrics: 127
- Zakian's algorithm: 341