Algorithms for terminal Steiner trees  p. 369
Simple distributed algorithms for approximating minimum Steiner trees  p. 380
A truthful (2 - 2/k)-approximation mechanism for the Steiner tree problem with k terminals  p. 390
Radial coordinate assignment for level graphs  p. 401
A theoretical upper bound for IP-based floorplanning  p. 411
Quantum noisy rational function reconstruction  p. 420
Promised and distributed quantum search  p. 430
Efficient and simple generation of random simple connected graphs with prescribed degree sequence  p. 440
Randomized quicksort and the entropy of the random source  p. 450
Subquadratic algorithm for dynamic shortest distances  p. 461
Randomly generating triangulations of a simple polygon  p. 471
Triangulating a convex polygon with small number of non-standard bars  p. 481
A PTAS for a disc covering problem using width-bounded separators  p. 490
Efficient algorithms for intensity map splitting problems in radiation therapy  p. 504
Distributions of points in d dimensions and large k-point simplices  p. 514
Exploring simple grid polygons  p. 524
Approximation algorithms for cutting out polygons with lines and rays  p. 534
Efficient non-intersection queries on aggregated geometric data  p. 544
An upper bound on the number of rectangulations of a point set  p. 554
Opportunistic data structures for range queries  p. 560
Generating combinations by prefix shifts  p. 570
Error-set codes and related objects  p. 577
On Walrasian price of CPU time  p. 586
On-line algorithms for market equilibria  p. 596
Interval subset sum and uniform-price auction clearing  p. 608
Improved algorithms for the K-maximum subarray problem for small K  p. 621
Server allocation algorithms for tiered systems  p. 632
An improved approximation algorithm for uncapacitated facility location problem with penalties  p. 644
The reverse greedy algorithm for the metric K-median problem  p. 654
On approximate balanced bi-clustering  p. 661
Toroidal grids are anti-magic  p. 671
Optimally balanced forward degree sequence  p. 680
Conditionally critical indecomposable graphs  p. 690
A tight analysis of the maximal matching heuristic  p. 701
New streaming algorithms for counting triangles in graphs  p. 710
A new approach and faster exact methods for the maximum common subgraph problem  p. 717
On the power of lookahead in on-line vehicle routing problems  p. 728
Efficient algorithms for simplifying flow networks  p. 737
Approximation algorithms for the b-edge dominating set problem and its related problems  p. 747
Bounded degree closest k-tree power is NP-complete p. 757
A new algorithm for the hypergraph transversal problem p. 767
On finding a shortest path in circulant graphs with two jumps p. 777
A linear time algorithm for finding a maximal planar subgraph based on PC-trees p. 787
Algorithms for finding distance-edge-colorings of graphs p. 798
On the recognition of probe graphs of some self-complementary classes of perfect graphs p. 808
Power domination problem in graphs p. 818
Complexity and approximation of satisfactory partition problems p. 829
Distributed weighted vertex cover via maximal matchings p. 839
On the complexity of the balanced vertex ordering problem p. 849
An O(2[superscript O(k)]n[superscript 3]) FPT algorithm for the undirected feedback vertex set problem p. 859
Approximating the longest cycle problem on graphs with bounded degree p. 870
Bin packing and covering problems with rejection p. 885
Query-monotonic turing reductions p. 895
On sequential and 1-deterministic P systems p. 905
Global optimality conditions and near-perfect optimization in coding p. 915
Angel, devil, and king p. 925
Overlaps help : improved bounds for group testing with interval queries p. 935
New efficient simple authenticated key agreement protocol p. 945
A quadratic lower bound for Rocchio’s similarity-based relevance feedback algorithm p. 955
The money changing problem revisited : computing the Frobenius number in time O(k a[subscript 1]) p. 965
W-hardness under linear FPT-reductions : structural properties and further applications p. 975
Some new results on inverse sorting problems p. 985
Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.