

CITATION REPORT

List of articles citing

Optimization, approximation, and complexity classes

DOI: 10.1016/0022-0000(91)90023-x

Journal of Computer and System Sciences, 1991, 43, 425-440.

Source: <https://exaly.com/paper-pdf/22422648/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1119	Chapter 9 Computational complexity. 1992 , 3, 455-517		2
1118	Graph layout problems. 1992 , 14-23		6
1117	. 1992 ,		321
1116	The NP-completeness column: An ongoing guide. 1992 , 13, 502-524		42
1115	A note on the descriptive complexity of maximization problems. 1993 , 47, 11-15		
1114	Polynomially bounded minimization problems which are hard to approximate. 1993 , 52-63		10
1113	.		3
1112	.		16
1111	.		6
1110	.		2
1109	.		1
1108	The approximation of maximum subgraph problems. 1993 , 40-51		58
1107	Approximating bounded 0-1 integer linear programs.		12
1106	Monotone monadic SNP and constraint satisfaction. 1993 ,		46
1105	On the worst-case behaviour of some approximation algorithms for the shortest common supersequence of k strings. 1993 , 63-73		5
1104	BOOK REVIEW: Finite Automata, Formal Logic, and Circuit Complexity. By Howard Straubing. (Birkhauser. 1994. xii+226pp. ISBN 0-8176-3719-2. \$39.50.). 1994 , 25, 28-32		
1103	.		4

1102	Improved approximations of independent sets in bounded-degree graphs. 1994 , 195-206	7
1101	On the approximability of the energy function of Ising spin glasses. 1994 , 27, 6719-6729	3
1100	Multiway cuts in directed and node weighted graphs. 1994 , 487-498	43
1099	.	1
1098	The hardness of approximation: Gap location. 1994 , 4, 133-157	127
1097	Probabilistically checkable proofs and their consequences for approximation algorithms. 1994 , 136, 175-223	16
1096	Approximations for the maximum acyclic subgraph problem. 1994 , 51, 133-140	46
1095	Some MAX SNP-hard results concerning unordered labeled trees. 1994 , 49, 249-254	92
1094	Maximum bounded H-matching is MAX SNP-complete. 1994 , 49, 309-318	31
1093	A short note on the approximability of the maximum leaves spanning tree problem. 1994 , 52, 45-49	62
1092	Oracle computations in parallel numerical linear algebra. 1994 , 127, 99-121	1
1091	On the power of multi-prover interactive protocols. 1994 , 134, 545-557	83
1090	The Complexity of Multiterminal Cuts. 1994 , 23, 864-894	418
1089	.	39
1088	.	0
1087	On the complexity of multiple sequence alignment. 1994 , 1, 337-48	542
1086	A unified approach to approximation schemes for NP- and PSPACE-hard problems for geometric graphs. 1994 , 424-435	14
1085	Approximable minimization problems and optimal solutions on random inputs. 1993 , 139-149	1

1084	On log-time alternating Turing machines of alternation depth k . 1995 , 282-291	
1083	Towards a theory of recursive structures. 1995 , 374-391	
1082	Log-approximable minimization problems on random inputs. 1995 , 217-227	
1081	On the Hardness of Approximating Some Optimization Problems That Are Supposedly Easier Than MAX CLIQUE. 1995 , 4, 167-180	1
1080	An approximation algorithm for alphabet indexing problem. 1995 , 2-11	
1079	MNP: A class of NP optimization problems. 1995 , 559-565	
1078	Local search, reducibility and approximability of NP-optimization problems. 1995 , 54, 73-79	27
1077	The class of problems that are linearly equivalent to Satisfiability or a uniform method for proving NP-completeness. 1995 , 145, 111-145	21
1076	The complexity and approximability of finding maximum feasible subsystems of linear relations. 1995 , 147, 181-210	125
1075	Alignment of trees \square An alternative to tree edit. 1995 , 143, 137-148	130
1074	Derandomized graph products. 1995 , 5, 60-75	85
1073	On the longest circuit in an alterable digraph. 1995 , 7, 279-295	3
1072	On input read-modes of alternating Turing machines. 1995 , 148, 33-55	10
1071	Approximate solution of NP optimization problems. 1995 , 150, 1-55	74
1070	Chaotic simulated annealing by a neural network model with transient chaos. 1995 , 8, 915-930	463
1069	Structure in approximation classes. 1995 , 539-548	12
1068	Reductions, codes, PCPs, and inapproximability.	1
1067	Improved approximation algorithms for maximum cut and satisfiability problems using semidefinite programming. 1995 , 42, 1115-1145	1823

1066	A simplified proof of the NP- and MAX SNP-hardness of multiple sequence tree alignment. 1995 , 2, 509-14	12
1065	On approximation properties of the Independent set problem for degree 3 graphs. 1995 , 449-460	48
1064	Approximation of Constraint Satisfaction via local search. 1995 , 461-472	2
1063	Constant ratio approximations of the weighted feedback vertex set problem for undirected graphs. 1995 , 142-151	21
1062	.	1
1061	.	96
1060	Weighted NP optimization problems: logical definability and approximation properties.	1
1059	An approximation scheme for planar graph TSP.	25
1058	Free bits, PCPs and non-approximability-towards tight results.	28
1057	Approximating the Minimum Equivalent Digraph. 1995 , 24, 859-872	43
1056	On the Approximation of Shortest Common Supersequences and Longest Common Subsequences. 1995 , 24, 1122-1139	136
1055	Clique is hard to approximate within $n^{\sup 1-\text{spl } \epsilon}$.	29
1054	Approximation algorithms for tree alignment with a given phylogeny. 1996 , 16, 302-315	39
1053	Approximate Max-Flow Min-(Multi)Cut Theorems and Their Applications. 1996 , 25, 235-251	208
1052	On Unapproximable Versions of NP -Complete Problems. 1996 , 25, 1293-1304	77
1051	An Algebraic Model for Combinatorial Problems. 1996 , 25, 448-476	12
1050	On the hardness of approximating optimum schedule problems in store and forward networks. 1996 , 4, 272-280	7
1049	Integer programming as a framework for optimization and approximability.	3

1048 A generalization of Fagin's theorem.

1047 Optimization problems from feature testing of communication protocols.

10

1046 On the approximability of the Steiner tree problem in phylogeny. **1996**, 65-74

1045 Parallel approximation of optimization problems. **1996**, 7-24

1

1044 .

78

1043 Some undecidable problems on approximability of NP optimization problems. **1996**, 11, 126-132

1042 A note on approximation of the vertex cover and feedback vertex set problems [Unified approach. **1996**, 59, 59-63

7

1041 New local search approximation techniques for maximum generalized satisfiability problems. **1996**, 57, 151-158

8

1040 A High-Low Kolmogorov Complexity Law equivalent to the 0¹ Law. **1996**, 57, 59-64

4

1039 On approximation algorithms for the minimum satisfiability problem. **1996**, 58, 23-29

31

1038 Approximability of maximum splitting of k-sets and some other Apx-complete problems. **1996**, 58, 105-110

28

1037 On an approximation measure founded on the links between optimization and polynomial approximation theory. **1996**, 158, 117-141

57

1036 Inferring a tree from walks. **1996**, 161, 289-300

10

1035 Normal forms for second-order logic over finite structures, and classification of NP optimization problems. **1996**, 78, 111-125

16

1034 The Complexity of Local Proof Search in Linear Logic. **1996**, 3, 120-129

1033 On the complexity of comparing evolutionary trees. **1996**, 71, 153-169

146

1032 The regularity lemma and approximation schemes for dense problems.

32

1031 Interactive proofs and the hardness of approximating cliques. **1996**, 43, 268-292

285

1030	On the approximability of the 'ground-state' problem for Ising spin glasses by quantum devices. 1997 , 30, 6821-6830	
1029	Dynamic programming on distance-hereditary graphs. 1997 , 344-353	34
1028	Non-oblivious local search for MAX 2-CCSP with application to MAX DICUT. 1997 , 2-14	7
1027	Hardness of approximating problems on cubic graphs. 1997 , 288-298	51
1026	Constraint satisfaction: the approximability of minimization problems.	18
1025	Nearly linear time approximation schemes for Euclidean TSP and other geometric problems.	48
1024	A short guide to approximation preserving reductions.	19
1023	A 7/8-approximation algorithm for MAX 3SAT?.	38
1022	Robust Solutions to Least-Squares Problems with Uncertain Data. 1997 , 18, 1035-1064	734
1021	MNP: A class of NP optimization problems. 1997 , 12, 306-313	
1020	Complexities of efficient solutions of rectilinear polygon cover problems. 1997 , 17, 331-356	20
1019	Primal-dual approximation algorithms for integral flow and multicut in trees. 1997 , 18, 3-20	267
1018	Randomized approximation of bounded multicovering problems. 1997 , 18, 44-66	17
1017	Improved approximation algorithms for MAXk-CUT and MAX BISECTION. 1997 , 18, 67-81	228
1016	Greed is good: Approximating independent sets in sparse and bounded-degree graphs. 1997 , 18, 145-163	136
1015	Evaluation, existence and optimization of reactive strategies in motion planning with uncertainty. 1997 , 12, 147-152	
1014	Computational experience with approximation algorithms for the set covering problem. 1997 , 101, 81-92	89
1013	On the approximability of some maximum spanning tree problems. 1997 , 181, 107-118	24

1012	Tight Bounds for the Maximum Acyclic Subgraph Problem. 1997 , 25, 1-18		14
1011	Approximate Set Covering in Uniform Hypergraphs. 1997 , 25, 118-143		18
1010	The Hardness of Approximate Optima in Lattices, Codes, and Systems of Linear Equations. <i>Journal of Computer and System Sciences</i> , 1997 , 54, 317-331	1	187
1009	On Fixed-Parameter Tractability and Approximability of NP Optimization Problems. <i>Journal of Computer and System Sciences</i> , 1997 , 54, 465-474	1	59
1008	Orienting graphs to optimize reachability. 1997 , 63, 229-235		21
1007	The NPO-completeness of the longest Hamiltonian cycle problem. 1998 , 65, 119-123		1
1006	Approximate Max k-Cut with subgraph guarantee. 1998 , 65, 145-150		
1005	Better approximation algorithms for Set Splitting and Not-All-Equal Sat. 1998 , 65, 305-311		21
1004	A new lower bound on approximability of the ground state problem for tridimensional Ising spin glasses. 1998 , 68, 167-171		
1003	A natural family of optimization problems with arbitrarily small approximation thresholds. 1998 , 68, 241-248	1	
1002	Approximation Algorithms for Certain Network Improvement Problems. 1998 , 2, 257-288		33
1001	Metafinite Model Theory. 1998 , 140, 26-81		65
1000	On the infeasibility of training neural networks with small mean-squared error. 1998 , 44, 2892-2900		9
999	A Better Approximation Algorithm for Finding Planar Subgraphs. 1998 , 27, 269-302		30
998	A Better Approximation Ratio for the Minimum Size k-Edge-Connected Spanning Subgraph Problem. 1998 , 28, 105-124		29
997	On A Scheduling Problem of Time Deteriorating Jobs. 1998 , 14, 190-209		14
996	Integer Programming as a Framework for Optimization and Approximability. <i>Journal of Computer and System Sciences</i> , 1998 , 57, 144-161	1	3
995	Rounding algorithms for covering problems. 1998 , 80, 63-89		25

994	A survey of factory control algorithms that can be implemented in a multi-agent heterarchy: Dispatching, scheduling, and pull. 1998 , 17, 297-320	153
993	Efficient delay routing. 1998 , 196, 131-151	13
992	On the hardness of allocating frequencies for hybrid networks. 1998 , 209, 347-363	
991	A unified approximation algorithm for node-deletion problems. 1998 , 86, 213-231	42
990	On the approximability of the Steiner tree problem in phylogeny. 1998 , 88, 129-145	10
989	Weighted NP Optimization Problems: Logical Definability and Approximation Properties. 1998 , 28, 36-56	5
988	The Computational Structure of Monotone Monadic SNP and Constraint Satisfaction: A Study through Datalog and Group Theory. 1998 , 28, 57-104	598
987	Approximation Algorithms for PSPACE-Hard Hierarchically and Periodically Specified Problems. 1998 , 27, 1237-1261	17
986	On Syntactic versus Computational Views of Approximability. 1998 , 28, 164-191	104
985	Free Bits, PCPs, and Nonapproximability---Towards Tight Results. 1998 , 27, 804-915	292
984	A threshold of $\ln n$ for approximating set cover. 1998 , 45, 634-652	1745
983	Polynomial time approximation schemes for Euclidean traveling salesman and other geometric problems. 1998 , 45, 753-782	649
982	Proof verification and the hardness of approximation problems. 1998 , 45, 501-555	831
981	Probabilistic checking of proofs. 1998 , 45, 70-122	601
980	Chapter 16 A survey of recursive combinatorics. 1998 , 1041-1176	5
979	Integer Programming and Combinatorial Optimization. 1998 ,	1
978	A randomized approximation scheme for metric MAX-CUT.	3
977	SOFSEM98: Theory and Practice of Informatics. 1998 ,	

976	.	11
975	Which problems have strongly exponential complexity?.	21
974	.	
973	Chapter 11 A bibliography of recursive algebra and recursive model theory. 1998 , 515-581	
972	On the approximation of finding A(nother) Hamiltonian cycle in cubic Hamiltonian graphs. 1998 , 276-286	5
971	Approximating an interval scheduling problem. 1998 , 169-180	6
970	Minus Domination in Small-Degree Graphs. 1998 , 17-25	1
969	On the existence of polynomial time approximation schemes for OBDD minimization. 1998 , 205-215	16
968	Towards a theory of recursive structures. 1998 , 36-53	5
967	The (parallel) approximability of non-boolean satisfiability problems and restricted integer programming. 1998 , 488-498	8
966	Integer Programming. 1998 ,	1
965	Some recent strong inapproximability results. 1998 , 205-209	1
964	COMPLEXITY MEASURES FOR ASSEMBLY SEQUENCES. 1999 , 09, 371-417	26
963	Spatial codes and the hardness of string folding problems. 1999 , 6, 13-36	8
962	Mathematical Foundations of Computer Science 1999. 1999 ,	
961	Integer Programming and Combinatorial Optimization. 1999 ,	1
960	Improved non-approximability results for minimum vertex cover with density constraints. 1999 , 225, 113-128	40
959	Alphabet indexing for approximating features of symbols. 1999 , 210, 245-260	3

958	On the approximation of protein threading. 1999 , 210, 261-275	30
957	Max NP-completeness made easy. 1999 , 225, 65-79	5
956	Class Steiner trees and VLSI-design. 1999 , 90, 173-194	29
955	Reactive local search techniques for the maximum k-conjunctive constraint satisfaction problem (MAX-k-CCSP). 1999 , 96-97, 3-27	3
954	Approximating minimum spanning tree of depth 2. 1999 , 6, 607-622	23
953	On Approximation Properties of the Independent Set Problem for Low Degree Graphs. 1999 , 32, 115-132	49
952	An approximation of the minimum vertex cover in a graph. 1999 , 16, 369-375	8
951	Clique is hard to approximate within $n^{1-\epsilon}$. 1999 , 182, 105-142	553
950	Greedy Strikes Back: Improved Facility Location Algorithms. 1999 , 31, 228-248	310
949	Approximating Node-Deletion Problems for Matroidal Properties. 1999 , 31, 211-227	7
948	On the Approximation of Finding A(nother) Hamiltonian Cycle in Cubic Hamiltonian Graphs. 1999 , 31, 249-268	17
947	The Computational Complexity of Some Problems of Linear Algebra. <i>Journal of Computer and System Sciences</i> , 1999 , 58, 572-596	1 54
946	Polynomial time approximation algorithms for machine scheduling: ten open problems. 1999 , 2, 203-213	95
945	A 2-Approximation Algorithm for the Undirected Feedback Vertex Set Problem. 1999 , 12, 289-297	215
944	Lower Bounds in a Parallel Model without Bit Operations. 1999 , 28, 1460-1509	21
943	Structure in Approximation Classes. 1999 , 28, 1759-1782	40
942	A Parallel Approximation Algorithm for the Max Cut Problem on Cubic Graphs. 1999 , 27-36	
941	New Upper Bounds for Maximum Satisfiability. 2000 , 36, 63-88	70

940	Polynomial time approximation of dense weighted instances of MAX-CUT. 2000 , 16, 314-332	9
939	On bounded occurrence constraint satisfaction. 2000 , 74, 1-6	13
938	Interactive and probabilistic proof-checking. 2000 , 104, 325-342	1
937	Some APX-completeness results for cubic graphs. 2000 , 237, 123-134	211
936	Counting problems over the reals. 2000 , 242, 41-58	19
935	Approximating minimum feedback vertex sets in hypergraphs. 2000 , 246, 107-116	2
934	Approximability of hard combinatorial optimization problems: an introduction. 2000 , 96, 221-236	4
933	On Approximation Scheme Preserving Reducibility and Its Applications. 2000 , 33, 1-16	12
932	Efficient discovery of optimal word-association patterns in large text databases. 2000 , 18, 49-60	28
931	Computational Complexity of Problems on Probabilistic Grammars and Transducers. 2000 , 15-24	18
930	APPROXIMATING THE MAXIMUM ISOMORPHIC AGREEMENT SUBTREE IS HARD. 2000 , 11, 579-590	4
929	Proceedings ASE 2000. Fifteenth IEEE International Conference on Automated Software Engineering. 2000 ,	
928	Existential second-order logic over strings. 2000 , 47, 77-131	11
927	Near optimal multiple alignment within a band in polynomial time. 2000 ,	5
926	An Approximate Algorithm for the Weighted Hamiltonian Path Completion Problem on a Tree. 2000 , 156-167	2
925	Gadgets, Approximation, and Linear Programming. 2000 , 29, 2074-2097	100
924	When Hamming Meets Euclid: The Approximability of Geometric TSP and Steiner Tree. 2000 , 30, 475-485	25
923	Parallel Problem Solving from Nature PPSN VI. 2000 ,	22

922	On the hardness of 4-coloring a 3-colorable graph.	7
921	.	4
920	Some optimal inapproximability results. 2001 , 48, 798-859	754
919	The Complexity of Counting in Sparse, Regular, and Planar Graphs. 2001 , 31, 398-427	142
918	The Approximability of Constraint Satisfaction Problems. 2001 , 30, 1863-1920	119
917	An Approximation Algorithm for Feedback Vertex Sets in Tournaments. 2001 , 30, 1993-2007	40
916	Edit distance between two RNA structures. 2001 ,	16
915	Deterministic and randomized polynomial-time approximation of radii. 2001 , 48, 63-105	23
914	Non-Approximability Results for Scheduling Problems with Minsum Criteria. 2001 , 13, 157-168	30
913	Back Matter. 2001 , 97-106	
912	On the Hardness of Approximating Some NP-optimization Problems Related to Minimum Linear Ordering Problem. 2001 , 35, 287-309	4
911	Hardness and methods to solve CLIQUE. 2001 , 16, 388-391	
910	Structural properties of bounded relations with an application to NP optimization problems. 2001 , 250, 101-124	1
909	The complexity of multiple sequence alignment with SP-score that is a metric. 2001 , 259, 63-79	71
908	Complexity and Approximability of Quantified and Stochastic Constraint Satisfaction Problems. 2001 , 9, 217-230	2
907	On Approximability of Linear Ordering and Related NP-optimization Problems on Graphs (Extended Abstract). 2001 , 8, 63-66	2
906	Approximation Algorithms for MAX 4-SAT and Rounding Procedures for Semidefinite Programs. 2001 , 40, 184-211	19
905	The Complexity of Gene Placement. 2001 , 41, 225-243	3

904	Approximation Algorithms for Maximization Problems Arising in Graph Partitioning. 2001 , 41, 174-211		90
903	A Randomized Approximation Scheme for Metric MAX-CUT. <i>Journal of Computer and System Sciences</i> , 2001 , 63, 531-541	1	24
902	Which Problems Have Strongly Exponential Complexity?. <i>Journal of Computer and System Sciences</i> , 2001 , 63, 512-530	1	667
901	On Weighted vs Unweighted Versions of Combinatorial Optimization Problems. 2001 , 167, 10-26		27
900	On the complexity of the approximation of nonplanarity parameters for cubic graphs. 2001 , 7, 18-21		1
899	Computing Cycle Covers without Short Cycles. 2001 , 368-379		11
898	A Modified Greedy Algorithm for the Set Cover Problem with Weights 1 and 2. 2001 , 670-681		2
897	Subexponential Parameterized Algorithms Collapse the W-Hierarchy. 2001 , 273-284		18
896	Convex quadratic and semidefinite programming relaxations in scheduling. 2001 , 48, 206-242		100
895	Computational complexity of multiple sequence alignment with SP-score. 2001 , 8, 615-23		74
894	Small k-Dominating Sets of Regular Graphs. 2002 , 126-138		
893	THE PARALLEL APPROXIMABILITY OF THE FALSE AND TRUE GATES PROBLEMS FOR NOR-CIRCUITS. 2002 , 12, 127-136		
892	A lower bound for testing 3-colorability in bounded-degree graphs.		20
891	Vertex cover on 4-regular hyper-graphs is hard to approximate within $2 - \epsilon$ 2002 ,		12
890	The importance of being biased. 2002 ,		88
889	Test Sequence Selection. 2001 , 269-284		1
888	ON MAX CUT IN CUBIC GRAPHS. 2002 , 17, 165-183		
887	Autour de nouvelles notions pour l'analyse des algorithmes d'approximation de la structure de NPO de la structure des instances. 2002 , 36, 311-350		

886	Property Testing in Bounded Degree Graphs. 2002 , 32, 302-343	183
885	Algorithms in Bioinformatics. 2002 ,	3
884	On theoretical and practical considerations of path selection for delay fault testing. 2002 ,	2
883	A general edit distance between RNA structures. 2002 , 9, 371-88	150
882	Cluster Graph Modification Problems. 2002 , 379-390	15
881	On theoretical and practical considerations of path selection for delay fault testing.	9
880	Zinc finger gene clusters and tandem gene duplication. 2002 , 9, 429-46	26
879	Approximating the Domatic Number. 2002 , 32, 172-195	117
878	Improved Approximation Algorithms for the Vertex Cover Problem in Graphs and Hypergraphs. 2002 , 31, 1608-1623	100
877	General Partitioning on Random Graphs. 2002 , 42, 153-172	5
876	Fixed Parameter Algorithms for DOMINATING SET and Related Problems on Planar Graphs. 2002 , 33, 461-493	188
875	Optimizing register spills for eager functional languages. 2002 , 18, 699-708	
874	A 2-approximation algorithm for the minimum weight edge dominating set problem. 2002 , 118, 199-207	50
873	The complexity of minimizing and learning OBDDs and FBDDs. 2002 , 122, 263-282	6
872	Pseudo-Boolean optimization. 2002 , 123, 155-225	430
871	Hardness results for neural network approximation problems. 2002 , 284, 53-66	10
870	On the Hamming distance of constraint satisfaction problems. 2002 , 288, 85-100	13
869	Computing similarity between RNA structures. 2002 , 276, 111-132	27

868	Exploiting structure in quantified formulas. 2002 , 43, 220-263		3
867	Wavelength rerouting in optical networks, or the Venetian Routing problem. 2002 , 45, 93-125		7
866	Testing properties of directed graphs: acyclicity and connectivity*. 2002 , 20, 184-205		21
865	On the terminal Steiner tree problem. 2002 , 84, 103-107		41
864	Methods for reconstructing the history of tandem repeats and their application to the human genome. <i>Journal of Computer and System Sciences</i> , 2002 , 65, 494-507	1	16
863	The Nonapproximability of OBDD Minimization. 2002 , 172, 103-138		17
862	Parallel Approximation Schemes for a Class of Planar and Near Planar Combinatorial Optimization Problems. 2002 , 173, 40-63		5
861	Improved Approximation Algorithms for MAX ($\frac{n}{\text{text}\{2\}}$)-DIRECTED-BISECTION and MAX ($\frac{n}{\text{text}\{2\}}$)-DENSE-SUBGRAPH. 2003 , 27, 399-410		8
860	Approximation Algorithm for MAX DICUT with Given Sizes of Parts. 2003 , 19, 289-296		
859	On the existence of subexponential parameterized algorithms. <i>Journal of Computer and System Sciences</i> , 2003 , 67, 789-807	1	90
858	Multicuts in unweighted graphs and digraphs with bounded degree and bounded tree-width. 2003 , 48, 333-359		33
857	The task allocation problem with constant communication. 2003 , 131, 169-177		3
856	Differential approximation results for the Steiner tree problem. 2003 , 16, 733-739		2
855	Approximation algorithms for NMR spectral peak assignment. 2003 , 299, 211-229		16
854	Non-approximability of weighted multiple sequence alignment. 2003 , 296, 179-192		6
853	The full Steiner tree problem. 2003 , 306, 55-67		35
852	Differential approximation for optimal satisfiability and related problems. 2003 , 147, 397-404		12
851	Polynomial time approximation schemes for dense instances of minimum constraint satisfaction. 2003 , 23, 73-91		6

850	Local search for the minimum label spanning tree problem with bounded color classes. 2003 , 31, 195-201	46
849	An Explicit Lower Bound for TSP with Distances One and Two. 2003 , 35, 301-319	19
848	Hardness of Approximation. 2003 , 306-333	
847	Exact Algorithms for NP-Hard Problems: A Survey. 2003 , 185-207	242
846	Three-query PCPs with perfect completeness over non-Boolean domains.	1
845	Resolving register bank conflicts for a network processor.	5
844	Improving table compression with combinatorial optimization. 2003 , 50, 825-851	26
843	Query-preserving watermarking of relational databases and XML documents. 2003 ,	46
842	Completeness in Differential Approximation Classes. 2003 , 179-188	7
841	Approximability of NP-Optimization Problems. 2003 , 195-243	
840	Existential second-order logic over graphs. 2004 , 51, 312-362	18
839	Linear FPT reductions and computational lower bounds. 2004 ,	46
838	On the Hardness of 4-Coloring a 3-Colorable Graph. 2004 , 18, 30-40	29
837	Parameterized and Exact Computation. 2004 ,	1
836	Algorithm Theory - SWAT 2004. 2004 ,	1
835	Haplotyping Populations by Pure Parsimony: Complexity of Exact and Approximation Algorithms. 2004 , 16, 348-359	93
834	Approximation Algorithms for the Class Cover Problem. 2004 , 40, 215-223	20
833	The Difficulty of Reduced Error Pruning of Leveled Branching Programs. 2004 , 41, 111-124	

832	Approximating the cut-norm via Grothendieck's inequality. 2004,	31
831	A Structural View on Parameterizing Problems: Distance from Triviality. 2004, 162-173	38
830	The longest common subsequence problem for arc-annotated sequences. 2004, 2, 257-270	32
829	Multiway cuts in node weighted graphs. 2004, 50, 49-61	79
828	Hardness of approximation for non-overlapping local alignments. 2004, 137, 293-309	2
827	On the complexity of the approximation of nonplanarity parameters for cubic graphs. 2004, 141, 119-134	8
826	On approximability of linear ordering and related NP-optimization problems on graphs. 2004, 136, 249-269	4
825	Inapproximability results for equations over finite groups. 2004, 312, 17-45	9
824	Local approximations for maximum partial subgraph problem. 2004, 32, 217-224	2
823	Nonplanar vertex deletion: maximum degree thresholds for NP/Max SNP-hardness and a 34-approximation for finding maximum planar induced subgraphs. 2004, 18, 121-126	6
822	Combined super-/substring and super-/subsequence problems. 2004, 320, 247-267	4
821	Cluster graph modification problems. 2004, 144, 173-182	200
820	On decision and optimization (k,l)-graph sandwich problems. 2004, 143, 155-165	16
819	.	51
818	On the complexity of finding emerging patterns.	1
817	Tight lower bounds for certain parameterized NP-hard problems.	6
816	Approximation preserving reductions for set covering, vertex covering and independent set hierarchies under differential approximationa. 2004, 81, 569-582	
815	Optimization Theory. 2004,	2

814	Algorithmics for Hard Problems. 2004,	34
813	Critical path selection for delay fault testing based upon a statistical timing model. 2004, 23, 1550-1565	60
812	Bibliography. 2004, 321-332	
811	Differential Approximation of min sat, max sat and Related Problems. 2005, 192-201	4
810	On the Longest Common Rigid Subsequence Problem. 2005, 11-20	4
809	Priority Algorithms for Graph Optimization Problems. 2005, 126-139	9
808	Algorithm Engineering for Optimal Graph Bipartization. 2005, 240-252	16
807	A Cut-Based Heuristic to Produce Almost Feasible Periodic Railway Timetables. 2005, 354-366	3
806	On the approximability of the maximum induced matching problem. 2005, 3, 79-91	61
805	The approximability of non-Boolean satisfiability problems and restricted integer programming. 2005, 332, 123-139	5
804	On the complexity of finding emerging patterns. 2005, 335, 15-27	34
803	Completeness in standard and differential approximation classes: Poly-(D)APX- and (D)PTAS-completeness. 2005, 339, 272-292	26
802	The approximability of the weighted Hamiltonian path completion problem on a tree. 2005, 341, 385-397	4
801	On approximate learning by multi-layered feedforward circuits. 2005, 348, 95-127	2
800	Conversion of coloring algorithms into maximum weight independent set algorithms. 2005, 148, 107-125	6
799	Supermodular functions and the complexity of MAX CSP. 2005, 149, 53-72	28
798	Polynomial approximation algorithms with performance guarantees: An introduction-by-example. 2005, 165, 555-568	2
797	Tight lower bounds for certain parameterized NP-hard problems. 2005, 201, 216-231	101

796	Minimal multicut and maximal integer multiflow: A survey. 2005 , 162, 55-69	64
795	Non-approximability of weighted multiple sequence alignment for arbitrary metrics. 2005 , 95, 389-395	2
794	The labeled perfect matching in bipartite graphs. 2005 , 96, 81-88	34
793	A Tutorial on the Cross-Entropy Method. 2005 , 134, 19-67	1086
792	Wavelength Conversion in All-Optical Networks with Shortest-Path Routing. 2005 , 43, 43-61	3
791	Parameterized Computation and Complexity: A New Approach Dealing with NP-Hardness. 2005 , 20, 18-37	19
790	Order Consolidation for Batch Processing. 2005 , 9, 121-138	5
789	A $2 E /4$ -time algorithm for MAX-CUT. 2005 , 126, 1200-1204	3
788	Maximizing Agreements with One-Sided Error with Applications to Heuristic Learning. 2005 , 59, 99-123	2
787	Construction algorithms and approximation bounds for the streaming cache placement problem in multicast networks. 2005 , 41, 898-908	4
786	Three-query PCPs with perfect completeness over non-Boolean domains. 2005 , 27, 46-75	3
785	Randomized greedy algorithms for finding small k -dominating sets of regular graphs. 2005 , 27, 401-412	6
784	Power Optimization for Connectivity Problems. 2005 , 349-361	9
783	Probabilistic Verification and Non-Approximability. 2004 , 83-191	
782	Making the Edge-Set Encoding Fly by Controlling the Bias of Its Crossover Operator. 2005 , 202-212	1
781	Proving completeness by logic. 2005 , 82, 151-161	2
780	$O(\lg n)$ approximation algorithms for min UnCut, min 2CNF deletion, and directed cut problems. 2005 ,	65
779	COMPLETENESS IN DIFFERENTIAL APPROXIMATION CLASSES. 2005 , 16, 1267-1295	8

778	Approximation and Online Algorithms. 2005,	1
777	Graph-Theoretic Concepts in Computer Science. 2005,	
776	Algorithms and Data Structures. 2005,	
775	A Better-Than-Greedy Approximation Algorithm for the Minimum Set Cover Problem. 2005, 35, 189-200	22
774	Towards a theory of insider threat assessment.	51
773	Handbook of Combinatorial Optimization. 2005,	11
772	A linear-time approximation scheme for planar weighted TSP.	16
771	A Tight Analysis of the Maximal Matching Heuristic. 2005, 701-709	12
770	Parameterized Complexity Theory. 2006,	95
769	Informatik. 2006,	
768	Combinatorial Optimization. 2006,	8
767	Approximation Schemes for First-Order Definable Optimisation Problems.	11
766	The edge-window-decoder representation for tree-based problems. 2006, 10, 124-144	26
765	Scheduling Split Intervals. 2006, 36, 1-15	80
764	Approximating the Cut-Norm via Grothendieck's Inequality. 2006, 35, 787-803	95
763	The Approximability of Three-valued MAX CSP. 2006, 35, 1329-1349	36
762	On Dinur's proof of the PCP theorem. 2006, 44, 19-62	6
761	Complexity results on restricted instances of a paint shop problem for words. 2006, 154, 1335-1343	16

760	Minimum monopoly in regular and tree graphs. 2006 , 306, 1586-1594		2
759	Using fractional primal dual to schedule split intervals with demands. 2006 , 3, 275-287		9
758	Reductions, completeness and the hardness of approximability. 2006 , 172, 719-739		9
757	A simple filter-and-fan approach to the facility location problem. 2006 , 33, 2590-2601		28
756	Compression-based fixed-parameter algorithms for feedback vertex set and edge bipartization. <i>Journal of Computer and System Sciences</i> , 2006 , 72, 1386-1396	1	109
755	Strong computational lower bounds via parameterized complexity. <i>Journal of Computer and System Sciences</i> , 2006 , 72, 1346-1367	1	132
754	Completeness in approximation classes beyond APX. 2006 , 359, 369-377		10
753	On the computational hardness based on linear FPT-reductions. 2006 , 11, 231-247		24
752	Inapproximability results for the lateral gene transfer problem. 2006 , 11, 387-405		5
751	Finding disjoint paths with related path costs. 2006 , 12, 83-96		12
750	Analyzing the Complexity of Finding Good Neighborhood Functions for Local Search Algorithms. 2006 , 36, 219-236		1
749	Complexity of approximating bounded variants of optimization problems. 2006 , 354, 320-338		68
748	A network flow approach to the Minimum Common Integer Partition Problem. 2006 , 369, 456-462		4
747	Independent set of intersection graphs of convex objects in 2D. 2006 , 34, 83-95		35
746	Exact algorithms and applications for Tree-like Weighted Set Cover. 2006 , 4, 608-622		21
745	A modified greedy algorithm for dispersively weighted 3-set cover. 2006 , 154, 1392-1400		
744	On maximum planar induced subgraphs. 2006 , 154, 1774-1782		5
743	A class of node based bottleneck improvement problems. 2006 , 174, 1540-1552		2

742 Generalizedk-multiway cut problems. **2006**, 21, 69-82

741 Two logical hierarchies of optimization problems over the real numbers. **2006**, 52, 37-50 3

740 Effective thread management on network processors with compiler analysis. **2006**, 41, 72-82 4

739 Properties of symmetric fitness functions. **2006**, 1 1

738 The PCP theorem by gap amplification. **2006**, 28

737 On the Independent Domination Number of Random Regular Graphs. **2006**, 15, 513 18

736 Hardness of the covering radius problem on lattices. 3

735 ON THE APPROXIMABILITY OF MAXIMUM AND MINIMUM EDGE CLIQUE PARTITION PROBLEMS. **2007**, 18, 217-226 15

734 On Parameterized Intractability: Hardness and Completeness. **2007**, 51, 39-59 10

733 Finite Model Theory and Its Applications. **2007**, 9

732 Hardness Results on Local Multiple Alignment of Biological Sequences. **2007**, 3, 174-182 1

731 Properties of Symmetric Fitness Functions. **2007**, 11, 743-757 7

730 The PCP theorem by gap amplification. **2007**, 54, 12 194

729 On the Computational Complexity of the Forcing Chromatic Number. **2007**, 37, 1-19 1

728 Optimal Inapproximability Results for MAX-CUT and Other 2-Variable CSPs?. **2007**, 37, 319-357 241

727 On the Complexity of Removing Z-Cycles from a Checkpoints and Communication Pattern. **2007**, 56, 853-858 3

726 Network Control and Optimization. **2007**, 1

725 Ad-Hoc, Mobile, and Wireless Networks. **2007**, 1

724	Comparing genomes with duplications: a computational complexity point of view. 2007 , 4, 523-34	29
723	On the Advantage over Random for Maximum Acyclic Subgraph. 2007 ,	10
722	On Parameterized Path and Chordless Path Problems. 2007 ,	15
721	Inapproximability results for the inverse shortest paths problem with integer lengths and unique shortest paths. 2007 , 50, 29-36	18
720	Linear time algorithms for approximating the facility terminal cover problem. 2007 , 50, 118-126	3
719	Subjective-cost policy routing. 2007 , 378, 175-189	7
718	Complexity and approximation of the minimum recombinant haplotype configuration problem. 2007 , 378, 316-330	13
717	Algorithmic and complexity results for decompositions of biological networks into monotone subsystems. 2007 , 90, 161-78	59
716	On the complexity of deriving position specific score matrices from positive and negative sequences. 2007 , 155, 676-685	1
715	Polynomial time approximation schemes and parameterized complexity. 2007 , 155, 180-193	13
714	Differential approximation of min sat, max sat and related problems. 2007 , 181, 620-633	8
713	Approximability of identifying codes and locating dominating codes. 2007 , 103, 28-33	28
712	On constructing an optimal consensus clustering from multiple clusterings. 2007 , 104, 137-145	10
711	Near optimal multiple alignment within a band in polynomial time. <i>Journal of Computer and System Sciences</i> , 2007 , 73, 997-1011	1 1
710	Power optimization for connectivity problems. 2007 , 110, 195-208	25
709	Polynomial approximation: a structural and operational study. 2007 , 5, 161-164	
708	A survey on the linear ordering problem for weighted or unweighted tournaments. 2007 , 5, 5-60	32
707	The Complexity of the Single Individual SNP Haplotyping Problem. 2007 , 49, 13-36	34

706	Computing the minimum number of hybridization events for a consistent evolutionary history. 2007 , 155, 914-928		90
705	Genus characterizes the complexity of certain graph problems: Some tight results. <i>Journal of Computer and System Sciences</i> , 2007 , 73, 892-907	1	10
704	The multi-multiway cut problem. 2007 , 377, 35-42		19
703	From first principles to the Burrows and Wheeler transform and beyond, via combinatorial optimization. 2007 , 387, 236-248		16
702	On the complexity of the multicut problem in bounded tree-width graphs and digraphs. 2008 , 156, 1908-1917		12
701	Commitment under uncertainty: Two-stage stochastic matching problems. 2008 , 408, 213-223		24
700	Linear Time Algorithms for Generalized Edge Dominating Set Problems. 2008 , 50, 244-254		14
699	On the hardness of range assignment problems. 2008 , 52, 183-195		18
698	Minimization of decision trees is hard to approximate. <i>Journal of Computer and System Sciences</i> , 2008 , 74, 394-403	1	10
697	Metabolic networks are NP-hard to reconstruct. 2008 , 254, 807-16		17
696	Red-blue covering problems and the consecutive ones property. 2008 , 6, 393-407		7
695	Approximability of partitioning graphs with supply and demand. 2008 , 6, 627-650		20
694	Partition into cliques for cubic graphs: Planar case, complexity and approximation. 2008 , 156, 2270-2278		23
693	Routing to reduce the cost of wavelength conversion. 2008 , 156, 2911-2923		
692	The \mathcal{O}^* inverse maximum stable set problem. 2008 , 156, 2501-2516		10
691	On maximizing clique, clique-Helly and hereditary clique-Helly induced subgraphs. 2008 , 30, 147-152		
690	Repetition-free longest common subsequence. 2008 , 30, 243-248		5
689	An improved lower bound on approximation algorithms for the Closest Substring problem. 2008 , 107, 24-28		7

688	FPGA implementation of a stochastic neural network for monotonic pseudo-Boolean optimization. 2008 , 21, 872-9	6
687	The First Optimized Railway Timetable in Practice. 2008 , 42, 420-435	160
686	The Metric Nearness Problem. 2008 , 30, 375-396	13
685	Rainbow Network Flow of Multiple Description Codes. 2008 , 54, 4565-4574	11
684	The Minimum Substring Cover problem. 2008 , 206, 1303-1312	8
683	A new framework for the selection of tag SNPs by multimarker haplotypes. 2008 , 41, 953-61	3
682	Combinatorial Optimization. 2008 ,	3
681	Combinatorial Optimization with Explicit Delineation of the Ground Set by a Collection of Subsets. 2008 , 21, 1019-1034	8
680	Reconfigurations in Graphs and Grids. 2008 , 22, 124-138	26
679	Covering the Edges of Bipartite Graphs Using $K_{2,2}$ Graphs. 2007 , 116-127	
678	A Linear-Time Approximation Scheme for TSP in Undirected Planar Graphs with Edge-Weights. 2008 , 37, 1926-1952	47
677	On Approximating Restricted Cycle Covers. 2008 , 38, 181-206	6
676	Combination Can Be Hard: Approximability of the Unique Coverage Problem. 2008 , 38, 1464-1483	39
675	On the Complexity of Minimum Partition of Frequency-Agile Radio Networks. 2008 ,	
674	. 2008 ,	39
673	Shorelines of islands of tractability: algorithms for parsimony and minimum perfect phylogeny haplotyping problems. 2008 , 5, 301-12	9
672	The Power of Unentanglement. 2008 ,	10
671	Hardness and Approximability of the Inverse Scope Problem. 2008 , 99-112	3

670	Distributed weighted vertex cover via maximal matchings. 2008 , 5, 1-12	20
669	An enhanced statistical approach for evolutionary algorithm comparison. 2008 ,	4
668	On the minimum common integer partition problem. 2008 , 5, 1-18	39
667	Approximative Algorithmen und Nichtapproximierbarkeit. 2008 ,	1
666	The Labeled Perfect Matching in Bipartite Graphs: Complexity and (in)Approximability. 433-453	
665	. 2008 ,	
664	Approximating the Unweighted $\{k\}$ -Set Cover Problem: Greedy Meets Local Search. 2009 , 23, 251-264	13
663	On scheduling dags to maximize area. 2009 ,	6
662	MAXIMUM WEIGHT CYCLE PACKING IN DIRECTED GRAPHS, WITH APPLICATION TO KIDNEY EXCHANGE PROGRAMS. 2009 , 01, 499-517	38
661	An Encoding in Metaheuristics for the Minimum Communication Spanning Tree Problem. 2009 , 21, 575-584	6
660	On approximating optimum repairs for functional dependency violations. 2009 ,	93
659	Probabilistically checkable proofs. 2009 , 52, 76-84	11
658	On the Bias and Performance of the Edge-Set Encoding. 2009 , 13, 486-499	16
657	Cost minimization in wireless networks with a bounded and unbounded number of interfaces. 2009 , 53, 266-275	26
656	Hardness results and approximation algorithms for (weighted) paired-domination in graphs. 2009 , 410, 5063-5071	12
655	Paintshop, odd cycles and necklace splitting. 2009 , 157, 780-793	9
654	The optimal statistical median of a convex set of arrays. 2009 , 44, 79-97	5
653	The Ferry Cover Problem. 2009 , 44, 215-229	2

652	Cryptography with Constant Input Locality. 2009 , 22, 429-469		26
651	PTAS for connected vertex cover in unit disk graphs. 2009 , 410, 5398-5402		8
650	Hard constraint satisfaction problems have hard gaps at location 1. 2009 , 410, 3856-3874		10
649	Vertex and edge covers with clustering properties: Complexity and algorithms. 2009 , 7, 149-167		29
648	Finding occurrences of protein complexes in protein-protein interaction graphs. 2009 , 7, 90-101		2
647	Parameterizing above or below guaranteed values. <i>Journal of Computer and System Sciences</i> , 2009 , 75, 137-153	1	83
646	A glimpse at Christos H. Papadimitriou. 2009 , 3, 55-63		
645	Connected domination of regular graphs. 2009 , 309, 2305-2322		6
644	Maximizing business value by optimal assignment of jobs to resources in grid computing. 2009 , 194, 856-872		36
643	Combinatorial Pattern Matching. 2009 ,		1
642	On Agnostic Learning of Parities, Monomials, and Halfspaces. 2009 , 39, 606-645		34
641	A better approximation ratio for the vertex cover problem. 2009 , 5, 1-8		101
640	On Optimal Solutions for the Optimal Communication Spanning Tree Problem. 2009 , 57, 413-425		18
639	atalog: A logic language for expressing search and optimization problems. 2010 , 10, 125-166		7
638	A parallel between two classes of pricing problems in transportation and marketing. 2010 , 9, 110-125		14
637	A survey on the structure of approximation classes. 2010 , 4, 19-40		6
636	Covering the edges of bipartite graphs using . 2010 , 411, 1-9		1
635	Priority algorithms for graph optimization problems. 2010 , 411, 239-258		9

634	Approximating a class of combinatorial problems with rational objective function. 2010 , 124, 255-269	9
633	An updated survey on the linear ordering problem for weighted or unweighted tournaments. 2010 , 175, 107-158	35
632	On the Longest Common Rigid Subsequence Problem. 2010 , 56, 270-280	3
631	Approximate k-Steiner Forests via the Lagrangian Relaxation Technique with Internal Preprocessing. 2010 , 56, 529-549	5
630	Fixed-Parameter Approximation: Conceptual Framework and Approximability Results. 2010 , 57, 398-412	18
629	Separator-based data reduction for signed graph balancing. 2010 , 20, 335-360	27
628	Nonlinear Network Optimization An Embedding Vector Space Approach. 2010 , 14, 206-226	23
627	There is no EPTAS for two-dimensional knapsack. 2010 , 110, 707-710	32
626	Worst-case optimal approximation algorithms for maximizing triplet consistency within phylogenetic networks. 2010 , 8, 65-75	19
625	Complexity and approximation results for the connected vertex cover problem in graphs and hypergraphs. 2010 , 8, 36-49	29
624	Two-stage stochastic matching and spanning tree problems: Polynomial instances and approximation. 2010 , 205, 19-30	11
623	Approximation of the Clustered Set Covering Problem. 2010 , 36, 479-485	
622	On maximizing clique, clique-Helly and hereditary clique-Helly induced subgraphs. 2010 , 158, 1279-1285	1
621	Repetition-free longest common subsequence. 2010 , 158, 1315-1324	23
620	The Transitive Minimum Manhattan Subnetwork Problem in 3 dimensions. 2010 , 158, 298-307	1
619	A mixed integer linear programming formulation of the maximum betweenness problem. 2010 , 206, 522-527	6
618	Optimisation combinatoire. 2010 ,	1
617	Haplotype inference by Pure Parsimony: a survey. 2010 , 17, 969-92	9

616	Ordering by weighted number of wins gives a good ranking for weighted tournaments. 2010 , 6, 1-13	25
615	On the Unique Games Conjecture (Invited Survey). 2010 ,	27
614	Complexity issues in color-preserving graph embeddings. 2010 , 411, 716-729	
613	Optimization problems in multiple-interval graphs. 2010 , 6, 1-18	19
612	Graphs and Algorithms in Communication Networks. 2010 ,	11
611	Derandomized Parallel Repetition of Structured PCPs. 2010 ,	7
610	Optimizing Link Assignment to Enhance Service in Probabilistic Network. 2010 ,	1
609	TSP evolutionary algorithm based on fitness increment. 2011 ,	
608	Ottimizzazione Combinatoria. 2011 ,	
607	Combinatorial Pattern Matching. 2011 ,	
606	Compiler-Supported Thread Management for Multithreaded Network Processors. 2011 , 10, 1-31	
605	. 2011 , 10, 3675-3687	10
604	Beating the Random Ordering Is Hard: Every Ordering CSP Is Approximation Resistant. 2011 , 40, 878-914	33
603	Near Optimal Bounds for Steiner Trees in the Hypercube. 2011 , 40, 1340-1360	3
602	Buying Cheap Is Expensive: Approximability of Combinatorial Pricing Problems. 2011 , 40, 1554-1586	10
601	Bibliography. 469-484	
600	Application of Streaming Algorithms and DFA Learning for Approximating Solutions to Problems in Robot Navigation. 2011 ,	
599	On the hardness of finding near-optimal multicuts in directed acyclic graphs. 2011 , 412, 5325-5332	3

598	MAX-SNP hardness of MIN-PC and MASC-GP(n) problems. 2011 , 21, 199-201	
597	Approximating k-generalized connectivity via collapsing HSTs. 2011 , 21, 364-382	2
596	The Stackelberg Minimum Spanning Tree Game. 2011 , 59, 129-144	24
595	Derandomized Parallel Repetition via Structured PCPs. 2011 , 20, 207-327	9
594	Optimization problems in multiple subtree graphs. 2011 , 159, 588-594	3
593	On the algorithmic effectiveness of digraph decompositions and complexity measures. 2011 , 8, 129-138	13
592	On the Maximum Uniquely Restricted Matching for Bipartite Graphs. 2011 , 37, 345-350	16
591	Complexity and approximation of the Constrained Forest problem. 2011 , 412, 4081-4091	6
590	Unrelated parallel machine scheduling perspectives and progress. 2011 , 48, 318-334	5
589	Approximation of a batch consolidation problem. 2011 , 58, 12-19	2
588	Complexity issues in vertex-colored graph pattern matching. 2011 , 9, 82-99	24
587	Uniform unweighted set cover: The power of non-oblivious local search. 2011 , 412, 1033-1053	2
586	Computing bond orders in molecule graphs. 2011 , 412, 1184-1195	2
585	Approximation algorithms for grooming in optical network design. 2011 , 412, 3738-3751	1
584	Inapproximability of maximal strip recovery. 2011 , 412, 3759-3774	8
583	Computing fragmentation trees from metabolite multiple mass spectrometry data. 2011 , 18, 1383-97	21
582	Query-preserving watermarking of relational databases and Xml documents. 2011 , 36, 1-24	16
581	The Maximum Clique Problem in Multiple Interval Graphs (Extended Abstract). 2012 , 57-68	

580	Graph densification. 2012,	2
579	Approximating low-dimensional coverage problems. 2012,	3
578	Combinatorial PCPs with Short Proofs. 2012,	9
577	The Complexity of Valued Constraint Satisfaction Problems. 2012,	20
576	Parameterized Complexity and Subexponential-Time Computability. 2012, 162-195	2
575	Guest column. 2012, 43, 62-81	
574	On the Complexity of MMSNP. 2012, 26, 404-414	4
573	Cycle Killer...Qu'est-ce que c'est? On the Comparative Approximability of Hybridization Number and Directed Feedback Vertex Set. 2012, 26, 1635-1656	16
572	Cloud computing resource searching based on improved ACO. 2012,	
571	NP-completeness and APX-completeness of restrained domination in graphs. 2012, 448, 1-8	2
570	Algorithmic aspects of k-tuple total domination in graphs. 2012, 112, 816-822	19
569	On scheduling dag s for volatile computing platforms: Area-maximizing schedules. 2012, 72, 1347-1360	16
568	Using penalties instead of rewards: Solving OCST problems with guided local search. 2012, 3, 46-53	2
567	Complexity of distance paired-domination problem in graphs. 2012, 459, 89-99	4
566	Approximation Algorithms. 2012, 413-457	2
565	The Multivariate Algorithmic Revolution and Beyond. 2012,	3
564	Algorithms for Sensor Systems. 2012,	
563	Grothendieck-Type Inequalities in Combinatorial Optimization. 2012, 65, 992-1035	27

562	Reoptimization of max k-cover: approximation ratio threshold. 2012 , 48, 242-248	4
561	Online maximum directed cut. 2012 , 24, 52-64	6
560	The Traveling Salesman Problem with flexible coloring. 2012 , 160, 1798-1814	2
559	On the approximability of some degree-constrained subgraph problems. 2012 , 160, 1661-1679	15
558	A randomized PTAS for the minimum Consensus Clustering with a fixed number of clusters. 2012 , 429, 36-45	1
557	On the approximability and hardness of minimum topic connected overlay and its special instances. 2012 , 429, 144-154	10
556	The locomotive fleet fueling problem. 2012 , 40, 39-45	15
555	Max-leaves spanning tree is APX-hard for cubic graphs. 2012 , 12, 14-23	9
554	Complexity of majority monopoly and signed domination problems. 2012 , 10, 49-60	3
553	PAIR: polymorphic Alu insertion recognition. 2012 , 13 Suppl 6, S7	4
552	Structure of Polynomial-Time Approximation. 2012 , 50, 641-674	1
551	Polynomial Kernelizations for MIN F+1 and MAX NP. 2012 , 63, 532-550	13
550	A note on anti-coordination and social interactions. 2013 , 26, 811-818	4
549	The maximum flow problem with disjunctive constraints. 2013 , 26, 109-119	33
548	Logic Minimization Techniques with Applications to Cryptology. 2013 , 26, 280-312	71
547	Algorithms and Data Structures. 2013 ,	1
546	New enumeration algorithm for protein structure comparison and classification. 2013 , 14 Suppl 2, S1	4
545	A Progressive Approach to Reducing Data Collection Latency in Wireless Sensor Networks with Mobile Elements. 2013 , 12, 1308-1320	93

- 544 The computational complexity and approximability of a series of geometric covering problems. **2013**, 283, 64-77
- 543 An electromagnetism metaheuristic for solving the Maximum Betweenness Problem. **2013**, 13, 1303-1313 9
- 542 Moderately exponential time and fixed parameter approximation algorithms. **2013**, 62, 1019-1036
- 541 On the complexity of computing the temporal hybridization number for two phylogenies. **2013**, 161, 871-880 6
- 540 New results on maximum induced matchings in bipartite graphs and beyond. **2013**, 478, 33-40 23
- 539 Revisiting the Minimum Breakpoint Linearization Problem. **2013**, 494, 122-133 2
- 538 Resilience and optimization of identifiable bipartite graphs. **2013**, 161, 593-603 4
- 537 Donation Center Location Problem. **2013**, 66, 187-210
- 536 Maximal strip recovery problem with gaps: Hardness and approximation algorithms. **2013**, 19, 1-22 3
- 535 Network design with a discrete set of traffic matrices. **2013**, 41, 390-396 2
- 534 Max-k-Cut by the Discrete Dynamic Convexized Method. **2013**, 25, 27-40 13
- 533 Exploiting Tree Decomposition for Guiding Neighborhoods Exploration for VNS. **2013**, 47, 91-123 9
- 532 Proximity Algorithms for Nearly Doubling Spaces. **2013**, 27, 1759-1769 7
- 531 Syntactic expressions to express NP-hard optimization problems and problems with zero duality gap. **2013**, 62, 1227-1246
- 530 Turing and the development of computational complexity. 299-328
- 529 TRACTABLE AND INTRACTABLE VARIATIONS OF UNORDERED TREE EDIT DISTANCE. **2014**, 25, 307-329 9
- 528 Maximizing Bisubmodular and k-Submodular Functions. **2014**, 4 4
- 527 Learning Hurdles for Sleeping Experts. **2014**, 6, 1-16 2

526	The complexity of fairness through equilibrium. 2014,	11
525	Computational Complexity. 2014, 9, 495-521	
524	On Vertex Cover with Fractional Fan-Out Bound. 2014,	
523	Multiple Contraction through Partial-Max-SAT. 2014,	
522	Belief propagation for spatial spectrum access games. 2014,	2
521	Complexity of approximating CSP with balance / hard constraints. 2014,	1
520	Deciding first-order properties of nowhere dense graphs. 2014,	37
519	Parameterized and Subexponential-Time Complexity of Satisfiability Problems and Applications. 2014, 637-651	
518	Theory and Applications of Models of Computation. 2014,	
517	Complexity results for rainbow matchings. 2014, 524, 27-33	6
516	On Maximum Edge Cuts of Connected Digraphs. 2014, 76, 1-19	2
515	Approximation Algorithms for Intersection Graphs. 2014, 68, 312-336	18
514	Schedules for marketing products with negative externalities. 2014, 554, 191-206	
513	Computing the differential of a graph: Hardness, approximability and exact algorithms. 2014, 165, 69-82	17
512	Exact algorithms and APX-hardness results for geometric packing and covering problems. 2014, 47, 112-124	39
511	Practical algorithms for MSO model-checking on tree-decomposable graphs. 2014, 13-14, 39-74	19
510	Approximation and Online Algorithms. 2014,	
509	The complexity of finding harmless individuals in social networks. 2014, 14, 170-182	4

508	Profile of Christos Papadimitriou. 2014 , 111, 15858-60	
507	Minimum vertex cover in ball graphs through local search. 2014 , 59, 663-671	4
506	Combining Clustered Adaptive Multistart and Discrete Dynamic Convexized Method for the Max-Cut Problem. 2014 , 2, 237-262	1
505	Optimization in Science and Engineering. 2014 ,	1
504	Flip distance between triangulations of a planar point set is APX-hard. 2014 , 47, 589-604	17
503	Approximability of the vertex cover problem in power-law graphs. 2014 , 516, 60-70	2
502	A note on the Clustered Set Covering Problem. 2014 , 164, 13-19	1
501	On defensive alliances and strong global offensive alliances. 2014 , 163, 136-141	2
500	Manifold-preserving graph reduction for sparse semi-supervised learning. 2014 , 124, 13-21	32
499	Guest column. 2014 , 45, 48-65	
498	Approximation Algorithms and Metaheuristics. 2014 , 1-26	
497	Parameterized and subexponential-time complexity of satisfiability problems and applications. 2015 , 607, 282-295	1
496	Approximability of scheduling problems with resource consuming jobs. 2015 , 235, 319-336	14
495	Selecting vertex disjoint paths in plane graphs. 2015 , 66, 136-144	
494	Ad-hoc Networks and Wireless. 2015 ,	1
493	A note on the complexity of minimum latency data aggregation scheduling with uniform power in physical interference model. 2015 , 569, 70-73	2
492	On the complexity of making a distinguished vertex minimum or maximum degree by vertex deletion. 2015 , 33, 71-80	0
491	Inapproximability of Combinatorial Problems via Small LPs and SDPs. 2015 ,	9

490	A GRASP-based memetic algorithm with path relinking for the far from most string problem. 2015 , 41, 183-194	12
489	Frontiers in Algorithmics. 2015 ,	
488	When polynomial approximation meets exact computation. 2015 , 13, 227-245	1
487	Minimizing the number of switch instances on a flexible machine in polynomial time. 2015 , 43, 317-322	9
486	Hardness results, approximation and exact algorithms for liar's domination problem in graphs. 2015 , 573, 26-42	6
485	On the maximum independent set problem in subclasses of subcubic graphs. 2015 , 31, 104-112	14
484	The interval constrained 3-coloring problem. 2015 , 593, 42-50	
483	Independent dominating set problem revisited. 2015 , 562, 1-22	7
482	Computational complexity of minimum P4 vertex cover problem for regular and K1,4-free graphs. 2015 , 184, 114-121	11
481	The Maximum Clique Problem in Multiple Interval Graphs. 2015 , 71, 812-836	9
480	Optimal deterministic auctions with correlated priors. 2015 , 92, 430-454	3
479	Decision and approximation complexity for identifying codes and locating-dominating sets in restricted graph classes. 2015 , 31, 48-68	16
478	On Subexponential and FPT-Time Inapproximability. 2015 , 71, 541-565	12
477	On the complexity of the minimum outer-connected dominating set problem in graphs. 2016 , 31, 1-12	6
476	On Computing Non-hypocritical Consensuses in Standard Logic. 2016 ,	1
475	Linear game non-contextuality and Bell inequalities – graph-theoretic approach. 2016 , 18, 045020	5
474	Logical consensuses for case-based reasoning and for mathematical engineering of AI. 2016 ,	1
473	. 2016 ,	

472	The Local Lemma Is Asymptotically Tight for SAT. 2016 , 63, 1-32	6
471	Grundkurs Theoretische Informatik. 2016 ,	6
470	Tractability-preserving transformations of global cost functions. 2016 , 238, 166-189	8
469	Upper Domination: Complexity and Approximation. 2016 , 241-252	2
468	Maximizing k -Submodular Functions and Beyond. 2016 , 12, 1-26	17
467	Algorithms in Bioinformatics. 2016 ,	2
466	RCL: An A. I. Tool for Computing Maximal Consensuses. 2016 , 25, 1650026	1
465	A Computational Method for Enforcing Knowledge that Cannot be Subsumed. 2016 , 25, 1650024	
464	The Complexity of Fairness Through Equilibrium. 2016 , 4, 1-19	6
463	Approximation Resistance from Pairwise-Independent Subgroups. 2016 , 63, 1-32	15
462	Greedy Improving Our Own Closeness Centrality in a Network. 2016 , 11, 1-32	21
461	The Gene Family-Free Median of Three. 2016 , 102-120	
460	Super-polynomial approximation branching algorithms. 2016 , 50, 979-994	1
459	Combinatorial PCPs with Short Proofs. 2016 , 25, 1-102	1
458	Complexity of Approximating CSP with Balance / Hard Constraints. 2016 , 59, 76-98	3
457	Preferred semantics as socratic discussion. 2016 , 26, 1257-1292	8
456	A nonmonotone GRASP. 2016 , 8, 271-309	1
455	Efficient discovery of contrast subspaces for object explanation and characterization. 2016 , 47, 99-129	5

- 454 Approximability results for the converse connected p-centre problem. The abstract version of this paper was presented at the 38th Australasian Conference on Combinatorial Mathematics and Combinatorial Computing (38ACCMCC). View all notes. **2016**, 93, 1860-1868
- 453 Advanced Greedy Randomized Adaptive Search Procedure for the Obnoxious p-Median problem. **2016**, 252, 432-442 23
- 452 Cardinality of relations and relational approximation algorithms. **2016**, 85, 269-286 4
- 451 Algorithms and Discrete Applied Mathematics. **2016**,
- 450 On the complexity of the shortest-path broadcast problem. **2016**, 199, 101-109 3
- 449 On the complexity of variations of mixed domination on graphs. View all notes. **2016**, 93, 1937-1963
- 448 Complexity of total outer-connected domination problem in graphs. **2016**, 199, 110-122 0
- 447 On the Ordered List Subgraph Embedding Problems. **2016**, 74, 992-1018
- 446 On robust clusters of minimum cardinality in networks. **2017**, 249, 17-37 5
- 445 Graph editing to a fixed target. **2017**, 216, 181-190
- 444 Competitive algorithms for multistage online scheduling. **2017**, 260, 468-481 6
- 443 Minimum Fill-In: Inapproximability and Almost Tight Lower Bounds. **2017**,
- 442 Deciding First-Order Properties of Nowhere Dense Graphs. **2017**, 64, 1-32 29
- 441 Partial Vertex Cover and Budgeted Maximum Coverage in Bipartite Graphs. **2017**, 31, 2172-2184 6
- 440 Descriptive Complexity for counting complexity classes. **2017**, 3
- 439 On approximability of optimization problems related to Red/Blue-split graphs. **2017**, 690, 104-113
- 438 Web and Internet Economics. **2017**,
- 437 The Complexity of Optimal Design of Temporally Connected Graphs. **2017**, 61, 907-944 16

436	. 2017 , 16, 3390-3402	1
435	Approximating Max NAE-k-SAT by anonymous local search. 2017 , 657, 54-63	
434	Tai Mapping Hierarchy for Rooted Labeled Trees Through Common Subforest. 2017 , 60, 759-783	6
433	On the Complexity of Computing MP Distance Between Binary Phylogenetic Trees. 2017 , 21, 573-604	7
432	Optimization Methods and Applications. 2017 ,	2
431	Competitive Packet Routing with Priority Lists. 2018 , 6, 1-26	9
430	On Admissible Consensuses. 2018 , 27, 1840004	
429	Combinatorial Algorithms. 2018 ,	1
428	Computational study of valid inequalities for the maximum k-cut problem. 2018 , 265, 5-27	6
427	The many facets of upper domination. 2018 , 717, 2-25	17
426	Clustering with Lower-Bounded Sizes. 2018 , 80, 2517-2550	
425	Assortment planning for multiple chain stores. 2018 , 40, 875-912	1
424	Sparsification and subexponential approximation. 2018 , 55, 1-15	1
423	Approximation Algorithms for Connected Graph Factors of Minimum Weight. 2018 , 62, 441-464	2
422	Scheduling Resource-Bounded Monitoring Devices for Event Detection and Isolation in Networks. 2018 , 5, 65-78	1
421	Complexity and lowers bounds for Power Edge Set Problem. 2018 , 52-53, 70-91	2
420	On the parameterized complexity of approximating dominating set. 2018 ,	5
419	Global optimization of spin Hamiltonians with gain-dissipative systems. 2018 , 8, 17791	23

418	Hardness Results and Approximation Schemes for Discrete Packing and Domination Problems. 2018 , 421-435	3
417	Approximability of Covering Cells with Line Segments. 2018 , 436-448	
416	Joint VNF Placement and CPU Allocation in 5G. 2018 ,	51
415	When polynomial approximation meets exact computation. 2018 , 271, 87-103	
414	Networks of non-equilibrium condensates for global optimization. 2018 , 20, 113023	26
413	Approximately Certifying the Restricted Isometry Property is Hard. 2018 , 64, 5488-5497	5
412	Combinatorial Algorithms. 2018 ,	
411	Approximation Algorithms. 2018 , 423-469	
410	On a Fixed Haplotype Variant of the Minimum Error Correction Problem. 2018 , 554-566	
409	$((k,n-k)$ -Max-Cut: An $(\mathcal{O}^{(2^p)})$ -Time Algorithm and a Polynomial Kernel. 2018 , 80, 3844-3860	0
408	On Unrooted and Root-Uncertain Variants of Several Well-Known Phylogenetic Network Problems. 2018 , 80, 2993-3022	7
407	Submodular unsplittable flow on trees. 2018 , 172, 565-589	1
406	Restricted assignment scheduling with resource constraints. 2019 , 760, 72-87	5
405	Solving the optimum communication spanning tree problem. 2019 , 273, 108-117	5
404	A Real-Time Greedy-Index Dispatching Policy for Using PEVs to Provide Frequency Regulation Service. 2019 , 10, 864-877	11
403	On the Parameterized Complexity of Approximating Dominating Set. 2019 , 66, 1-38	2
402	Approximability of covering cells with line segments. 2019 , 784, 133-141	
401	Comparing Two Clusterings Using Matchings between Clusters of Clusters. 2019 , 24, 1-41	3

400	Optimizing Applications for Mobile Cloud Computing Through MOCCAA. 2019 , 17, 651-676	5
399	Complex Dynamic Event Participant in an Event-Based Social Network: A Three-Dimensional Matching. 2019 , 7, 144188-144201	2
398	Social Security and Privacy for Social IoT Polymorphic Value Set: A Solution to Inference Attacks on Social Networks. 2019 , 2019, 1-16	1
397	A Combinatorial Optimization Framework for the Design of resilient iBGP Overlays. 2019 ,	3
396	Improving the linear relaxation of maximum k-cut with semidefinite-based constraints. 2019 , 7, 123-151	4
395	Deciding the existence of a cherry-picking sequence is hard on two trees. 2019 , 260, 131-143	4
394	On some tractable and hard instances for partial incentives and target set selection. 2019 , 34, 100547	2
393	New Valid Inequalities for the Optimal Communication Spanning Tree Problem. 2019 , 31, 268-284	
392	Limitations of Semidefinite Programs for Separable States and Entangled Games. 2019 , 366, 423-468	5
391	From the Quantum Approximate Optimization Algorithm to a Quantum Alternating Operator Ansatz. 2019 , 12, 34	122
390	. 2019 , 55, 2921-2937	2
389	On the Algorithmic Complexity of Double Vertex-Edge Domination in Graphs. 2019 , 188-198	1
388	Exploit the Connectivity. 2019 ,	51
387	Definable inapproximability: new challenges for duplicator. 2019 , 29, 1185-1210	2
386	Finding a most parsimonious or likely tree in a network with respect to an alignment. 2019 , 78, 527-547	0
385	Computational Topology in Image Context. 2019 ,	
384	Finding a potential community in networks. 2019 , 769, 32-42	
383	Parameterized and approximation complexity of Partial VC Dimension. 2019 , 766, 1-15	3

382	Approximability and hardness of geometric hitting set with axis-parallel rectangles. 2019 , 141, 9-15	2
381	Affine reductions for LPs and SDPs. 2019 , 173, 281-312	1
380	Independent sets in Line of Sight networks. 2020 , 286, 100-115	1
379	Algorithm and hardness results on hop domination in graphs. 2020 , 153, 105872	1
378	Algorithmic aspects of upper paired-domination in graphs. 2020 , 804, 98-114	5
377	Domination chain: Characterisation, classical complexity, parameterised complexity and approximability. 2020 , 280, 23-42	4
376	A class of spectral bounds for Max k-Cut. 2020 , 279, 12-24	
375	Algorithm and hardness results on neighborhood total domination in graphs. 2020 , 840, 16-32	
374	Lower bounds for the happy coloring problems. 2020 , 838, 94-110	2
373	PCPs and the Hardness of Generating Synthetic Data. 2020 , 33, 2078-2112	
372	Clustering Improves the Goemans-Williamson Approximation for the Max-Cut Problem. 2020 , 8, 75	
371	Greed is Good for Deterministic Scale-Free Networks. 2020 , 82, 3338-3389	1
370	Zuckerli: A New Compressed Representation for Graphs. 2020 , 8, 219233-219243	2
369	Assignment and Pricing of Shared Rides in Ride-Sourcing Using Combinatorial Double Auctions. 2020 , 1-12	5
368	The Generalized Definitions of the Two-Dimensional Largest Common Substructure Problems. 2020 , 82, 2039-2062	0
367	A Survey on Approximation in Parameterized Complexity: Hardness and Algorithms. 2020 , 13, 146	8
366	Minimum fill-in: Inapproximability and almost tight lower bounds. 2020 , 271, 104514	3
365	A Branch-and-Price-and-Cut Algorithm for the Integrated Scheduling and Rostering Problem of Bus Drivers. 2020 , 2020, 1-19	2

- 364 Algorithmic aspects of Roman domination in graphs. **2020**, 64, 89-102 7
- 363 Computing approximate Nash equilibria in network congestion games with polynomially decreasing cost functions. **2021**, 34, 1-14
- 362 Double vertex-edge domination in graphs: complexity and algorithms. **2021**, 66, 245-262 1
- 361 Fixed-parameter algorithms for the weighted Max-Cut problem on embedded 1-planar graphs. **2021**, 852, 172-184 2
- 360 Exploiting Symmetry Reduces the Cost of Training QAOA. **2021**, 2, 1-9 5
- 359 Smooth and Strong PCPs. **2021**, 30, 1 1
- 358 Approximability of open k-monopoly problems. **2021**, 65, 798-814
- 357 Algorithms and Hardness for Scaffold Filling to Maximize Increased Duo-preservations. **2021**, PP, 1
- 356 A branch-and-bound algorithm for solving max-k-cut problem. **2021**, 81, 367-389 0
- 355 On the Descriptive Complexity of Color Coding. **2021**, 14, 96
- 354 Producing Genomic Sequences after Genome Scaffolding with Ambiguous Paths: Complexity, Approximation and Lower Bounds. **2021**, 83, 2063-2095
- 353 Qualifying quantum approaches for hard industrial optimization problems. A case study in the field of smart-charging of electric vehicles. **2021**, 8, 12 4
- 352 Algorithmic complexity of weakly connected Roman domination in graphs. 2150125
- 351 Multicast Communications with Varying Bandwidth Constraints. **2021**,
- 350 On the Complexity of Computing Maximum and Minimum Min-Cost-Flows. 0
- 349 Probabilistic nonunitary gate in imaginary time evolution. **2021**, 20, 1 3
- 348 Algorithmic aspects of upper edge domination. **2021**, 877, 46-57 0
- 347 On the complexity of minimum q-domination partization problems. 1

346	Quantum Annealing versus Digital Computing. 2021 , 26, 1-30		2
345	Computational study of a branching algorithm for the maximum k-cut problem. 2021 , 100656		
344	A Tutorial On the design, experimentation and application of metaheuristic algorithms to real-World optimization problems. 2021 , 64, 100888		33
343	An Exact Method for the Minimum Feedback Arc Set Problem. 2021 , 26, 1-28		3
342	On the complexity of minimum maximal uniquely restricted matching. 2021 , 882, 15-28		3
341	The Maximum k-Colorable Subgraph Problem and Related Problems.		1
340	The temporal explorer who returns to the base. <i>Journal of Computer and System Sciences</i> , 2021 , 120, 179-193	1	1
339	Progress toward favorable landscapes in quantum combinatorial optimization. 2021 , 104,		1
338	Scale-Free Spanning Trees and Their Application in Genomic Epidemiology. 2021 , 28, 945-960		
337	Algorithmic Aspects of Total Roman and Total Double Roman Domination in Graphs. 2021 , 32-42		
336	On the Geometric Red-Blue Set Cover Problem. 2021 , 129-141		1
335	Inapproximability of Combinatorial Optimization Problems. 381-434		3
334	Inapproximability of Combinatorial Optimization Problems. 381-434		1
333	Distributed Weighted Vertex Cover via Maximal Matchings. 2005 , 839-848		4
332	W-Hardness Under Linear FPT-Reductions: Structural Properties and Further Applications. 2005 , 975-984		7
331	Improved Fixed-Parameter Algorithms for Two Feedback Set Problems. 2005 , 158-168		12
330	Beating a Random Assignment. 2005 , 134-145		15
329	Using Fractional Primal-Dual to Schedule Split Intervals with Demands. 2005 , 714-725		5

328	Inapproximability Results for Combinatorial Auctions with Submodular Utility Functions. 2005 , 92-101	21
327	Complexity and Approximation of Fixing Numerical Attributes in Databases Under Integrity Constraints. 2005 , 262-278	19
326	Complexity and Approximation of the Minimum Recombination Haplotype Configuration Problem. 2005 , 370-379	2
325	On the Complexity of Global Constraint Satisfaction. 2005 , 624-633	5
324	On Complexity and Approximability of the Labeled Maximum/Perfect Matching Problems. 2005 , 934-943	2
323	The Computational Complexity of Delay Management. 2005 , 227-238	26
322	Reconfigurations in Graphs and Grids. 2006 , 262-273	6
321	On the Hardness of Range Assignment Problems. 2006 , 127-138	2
320	On the Minimum Common Integer Partition Problem. 2006 , 236-247	5
319	Solving the Maximum Agreement SubTree and the Maximum Compatible Tree Problems on Many Bounded Degree Trees. 2006 , 165-176	2
318	Better Approximations for the Minimum Common Integer Partition Problem. 2006 , 248-259	6
317	On Pseudorandom Generators with Linear Stretch in NC0. 2006 , 260-271	12
316	Approximate k-Steiner Forests Via the Lagrangian Relaxation Technique with Internal Preprocessing. 2006 , 600-611	6
315	A Framework for Estimating Peak Power in Gate-Level Circuits. 2006 , 573-582	2
314	Fixed-Parameter Approximation: Conceptual Framework and Approximability Results. 2006 , 96-108	22
313	Approximability of Partitioning Graphs with Supply and Demand. 2006 , 121-130	2
312	Approximating the Unweighted k-Set Cover Problem: Greedy Meets Local Search. 2007 , 290-301	8
311	On the Hardness of Approximating Minimum Monopoly Problems. 2002 , 277-288	5

310	On Computing Ad-hoc Selective Families. 2001 , 211-222	14
309	Approximating Bounded Degree Instances of NP-Hard Problems. 2001 , 24-34	8
308	Packing Cycles and Cuts in Undirected Graphs. 2001 , 512-523	1
307	Alignment between Two RNA Structures. 2001 , 690-703	3
306	Approximation Hardness for Small Occurrence Instances of NP-Hard Problems. 2003 , 152-164	19
305	Alignment between Two Multiple Alignments. 2003 , 254-265	9
304	On the Hardness of Approximating Some NP-Optimization Problems Related to Minimum Linear Ordering Problem. 2000 , 186-199	2
303	Strong Inapproximability of the Basic k-Spanner Problem. 2000 , 636-648	10
302	Testing Acyclicity of Directed Graphs in Sublinear Time. 2000 , 809-820	7
301	The Longest Common Subsequence Problem for Arc-Annotated Sequences. 2000 , 154-165	24
300	A $2 \frac{1}{10}$ -Approximation Algorithm for a Generalization of the Weighted Edge-Dominating Set Problem. 2000 , 132-142	8
299	Optimizing through Co-evolutionary Avalanches. 2000 , 447-456	6
298	Towards a Predictive Computational Complexity Theory. 2002 , 22-31	1
297	Constraint Satisfaction Problems in Non-deterministic Logarithmic Space. 2002 , 414-425	11
296	Inapproximability Results for Equations over Finite Groups. 2002 , 73-84	2
295	Improved Inapproximability Results for Vertex Cover on k-Uniform Hypergraphs. 2002 , 1005-1016	8
294	Search and Optimization Problems in Datalog. 2002 , 61-82	3
293	The Full Steiner Tree Problem in Phylogeny. 2002 , 107-116	1

292	On the Complexity of Train Assignment Problems. 2001 , 390-402	9
291	Approximability of the Minimum Bisection Problem: An Algorithmic Challenge. 2002 , 59-67	10
290	Low Stretch Spanning Trees. 2002 , 68-80	10
289	Approximating Maximum Edge Coloring in Multigraphs. 2002 , 108-121	22
288	Two Approximation Algorithms for 3-Cycle Covers. 2002 , 40-50	5
287	Induced Matchings in Regular Graphs and Trees. 1999 , 89-101	22
286	The Complexity of Minimizing FBDDs. 1999 , 251-261	2
285	New Upper Bounds for MaxSat. 1999 , 575-584	9
284	On the Complexity of Approximating Colored-Graph Problems Extended Abstract. 1999 , 281-290	5
283	Approximation Algorithms for MAX 4-SAT and Rounding Procedures for Semidefinite Programs. 1999 , 202-217	1
282	Hardness Results for Neural Network Approximation Problems. 1999 , 50-62	10
281	A New Identification Scheme Based on the Perceptrons Problem. 1995 , 319-328	30
280	Some Prospects for Efficient Fixed Parameter Algorithms. 1998 , 168-185	13
279	Using Approximation Hardness to Achieve Dependable Computation. 1998 , 172-186	6
278	Approximating the number of error locations within a constant ratio is NP-complete. 1993 , 325-331	3
277	Primal-dual approximation algorithms for integral flow and multicut in trees, with applications to matching and set cover. 1993 , 64-75	16
276	Logical definability of NP-optimisation problems with monadic auxiliary predicates. 1993 , 327-339	5
275	Optimization problems: Expressibility, approximation properties and expected asymptotic growth of optimal solutions. 1993 , 43-60	5

274	Recent developments on the approximability of combinatorial problems. 1993 , 363-368	1
273	On the approximability of finding maximum feasible subsystems of linear systems. 1994 , 521-532	7
272	Some open problems in approximation. 1994 , 33-39	6
271	Fully dynamic maintenance of vertex cover. 1994 , 99-111	13
270	On the approximation of largest common subtrees and largest common point sets. 1994 , 405-413	4
269	On approximation scheme preserving reductibility and its applications. 1994 , 330-341	6
268	On the complexity of comparing evolutionary trees. 1995 , 177-190	3
267	Metafinite model theory. 1995 , 313-366	12
266	Non-oblivious local search for graph and hypergraph coloring problems. 1995 , 167-180	6
265	Improved non-approximability results for vertex cover with density constraints. 1996 , 333-342	8
264	Some notes on the nearest neighbour interchange distance. 1996 , 343-351	8
263	Randomized approximation of the constraint satisfaction problem. 1996 , 76-87	5
262	On the hardness of global and local approximation. 1996 , 88-99	3
261	A polynomial-time algorithm for near-perfect phylogeny. 1996 , 670-680	4
260	Positive linear programming, parallel approximation and PCP's. 1996 , 62-75	13
259	A unified local ratio approximation of node-deletion problems. 1996 , 167-178	5
258	Improved approximations of independent dominating set in bounded degree graphs. 1997 , 2-16	1
257	Polynomial time approximation schemes for some dense instances of NP-hard optimization problems. 1997 , 1-14	5

256	Approximation on the web: A compendium of NP optimization problems. 1997 , 111-118	35
255	Intractability of assembly sequencing: Unit disks in the plane. 1997 , 307-320	5
254	Solving and approximating combinatorial optimization problems (Towards MAX CUT and TSP). 1997 , 70-85	2
253	A Logical Approach to Constraint Satisfaction. 2007 , 339-370	9
252	Multicuts in Unweighted Graphs with Bounded Degree and Bounded Tree-Width. 1998 , 137-152	8
251	Non-approximability Results for Scheduling Problems with Minsum Criteria. 1998 , 353-366	31
250	Encyclopedia of Optimization. 2008 , 1991-1999	6
249	A Taxonomy of Proof Systems. 1997 , 109-134	2
248	Complexity Issues in Bilevel Linear Programming. 1998 , 149-164	40
247	On the Complexity of Min-Max Optimization Problems and their Approximation. 1995 , 219-239	13
246	Optimization Problems in Molecular Biology. 1994 , 195-216	1
245	Derandomization in Combinatorial Optimization. 2001 , 731-842	4
244	Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox. 1994 , 433-506	18
243	The Maximum Clique Problem. 1999 , 1-74	290
242	Inapproximability of some Geometric and Quadratic Optimization Problems. 2000 , 96-115	7
241	The Shortest Superstring Problem. 2014 , 189-227	1
240	New Results About the Linearization of Scaffolds Sharing Repeated Contigs. 2018 , 94-107	2
239	Persistent 1-Cycles: Definition, Computation, and Its Application. 2019 , 123-136	3

238	The Temporal Explorer Who Returns to the Base. 2019 , 13-24	5
237	Transparent Proofs and Limits to Approximation. 1994 , 31-91	10
236	On Subexponential and FPT-Time Inapproximability. 2013 , 54-65	3
235	Efficient Algorithms for the Label Cut Problems. 2014 , 259-270	1
234	Algorithmic Meta Theorems for Sparse Graph Classes. 2014 , 16-22	2
233	Approximability of Connected Factors. 2014 , 120-131	5
232	The Dominated Coloring Problem and Its Application. 2014 , 132-145	2
231	Online Admission Control and Embedding of Service Chains. 2015 , 104-118	54
230	On the Complexity Landscape of the Domination Chain. 2016 , 61-72	7
229	Complexity of Discrete Energy Minimization Problems. 2016 , 834-852	7
228	Routing Games over Time with FIFO Policy. 2017 , 266-280	9
227	Approximating Domination on Intersection Graphs of Paths on a Grid. 2018 , 76-89	4
226	Settling the Intractability of Multiple Alignment. 2003 , 352-363	11
225	On the Approximability of the Minimum Fundamental Cycle Basis Problem. 2004 , 151-164	3
224	The Edge-Set Encoding Revisited: On the Bias of a Direct Representation for Trees. 2004 , 258-270	5
223	Hedging Uncertainty: Approximation Algorithms for Stochastic Optimization Problems. 2004 , 101-115	36
222	The Multi-multiway Cut Problem. 2004 , 273-284	8
221	Polynomial Time Approximation Schemes and Parameterized Complexity. 2004 , 500-512	2

220	Hardness Results for the Power Range Assignment Problem in Packet Radio Networks. 1999 , 197-208	62
219	Probabilistic CEGAR. 2008 , 162-175	89
218	Cost Minimisation in Multi-interface Networks. 2007 , 276-285	6
217	Commitment Under Uncertainty: Two-Stage Stochastic Matching Problems. 2007 , 171-182	3
216	The Stackelberg Minimum Spanning Tree Game. 2007 , 64-76	8
215	Cryptography with Constant Input Locality. 2007 , 92-110	21
214	Order Scheduling Models: Hardness and Algorithms. 2007 , 96-107	21
213	Assigning Sensors to Missions with Demands. 2008 , 114-125	11
212	On the Approximability of Comparing Genomes with Duplicates. 2008 , 34-45	6
211	Algorithmic Meta-theorems. 2008 , 10-12	5
210	Algorithms and Implementation for Interconnection Graph Problem. 2008 , 201-210	7
209	On the Shortest Linear Straight-Line Program for Computing Linear Forms. 2008 , 168-179	15
208	The Complexity of Rationalizing Matchings. 2008 , 171-182	7
207	On the Algorithmic Effectiveness of Digraph Decompositions and Complexity Measures. 2008 , 220-231	6
206	A Logical Approach to Constraint Satisfaction. 2008 , 125-155	8
205	On Approximating an Implicit Cover Problem in Biology. 2009 , 43-54	1
204	Maximum Motif Problem in Vertex-Colored Graphs. 2009 , 221-235	13
203	On Finding Small 2-Generating Sets. 2009 , 378-387	1

202	Improved Inapproximability Results for Maximum k-Colorable Subgraph. 2009 , 163-176	5
201	Inapproximability of Maximal Strip Recovery. 2009 , 616-625	10
200	Maximal Strip Recovery Problem with Gaps: Hardness and Approximation Algorithms. 2009 , 710-719	13
199	Approximability of Edge Matching Puzzles. 2010 , 153-164	2
198	The Interval Constrained 3-Coloring Problem. 2010 , 591-602	1
197	Frameworks for Logically Classifying Polynomial-Time Optimisation Problems. 2010 , 120-131	2
196	On Moderately Exponential Time for SAT. 2010 , 313-325	8
195	Inapproximability of Maximal Strip Recovery: II. 2010 , 53-64	8
194	Approximation Algorithms for Intersection Graphs. 2010 , 260-273	5
193	Cryptography with Constant Input Locality. 2014 , 147-185	1
192	Complexity of Most Vital Nodes for Independent Set in Graphs Related to Tree Structures. 2011 , 154-166	4
191	How to Cut a Graph into Many Pieces. 2011 , 184-194	1
190	Improved MAX SNP-Hard Results for Finding an Edit Distance between Unordered Trees. 2011 , 402-415	10
189	Restricted Common Superstring and Restricted Common Supersequence. 2011 , 467-478	5
188	Algorithmic Aspects of Heterogeneous Biological Networks Comparison. 2011 , 272-286	4
187	Assessing the Computational Benefits of AREA-Oriented DAG-Scheduling. 2011 , 180-192	7
186	Optimization, Randomized Approximability, and Boolean Constraint Satisfaction Problems. 2011 , 454-463	2
185	Safe Approximation and Its Relation to Kernelization. 2012 , 169-180	1

184	How to Schedule the Marketing of Products with Negative Externalities. 2013 , 122-133	3
183	Complexity of Increasing the Secure Connectivity in Wireless Ad Hoc Networks. 2013 , 363-378	1
182	Bounding the Running Time of Algorithms for Scheduling and Packing Problems. 2013 , 439-450	7
181	Parameterized Complexity of Weak Odd Domination Problems. 2013 , 107-120	3
180	Guarding Thin Orthogonal Polygons Is Hard. 2013 , 305-316	8
179	On the Complexity of Computing Optimal Private Park-and-Ride Plans. 2013 , 73-82	4
178	The Complexity of the Identifying Code Problem in Restricted Graph Classes. 2013 , 150-163	4
177	Parameterized Approximation Schemes Using Graph Widths. 2014 , 775-786	5
176	On Partial Vertex Cover and Budgeted Maximum Coverage Problems in Bipartite Graphs. 2014 , 13-26	9
175	On Anti-subsumptive Knowledge Enforcement. 2015 , 48-62	1
174	Many-to-one Matchings with Lower Quotas: Algorithms and Complexity. 2015 , 176-187	1
173	$((k,n-k))$ -Max-Cut: An $(\mathcal{O}^{(2^p)})$ -Time Algorithm and a Polynomial Kernel. 2016 , 686-699	2
172	Some applications of Laplace eigenvalues of graphs. 1997 , 225-275	159
171	Near-Optimal Plans, Tractability, and Reactivity. 1994 , 521-529	3
170	To quantum or not to quantum: towards algorithm selection in near-term quantum optimization. 2020 , 5, 044009	6
169	Max-independent set and the quantum alternating operator ansatz. 2020 , 18, 2050011	6
168	Subexponential Algorithms for Unique Games and Related Problems. 2015 , 62, 1-25	24
167	Hardness of Distributed Optimization. 2019 ,	11

166	Linear datalog and bounded path duality of relational structures. 2005 , 1,	30
165	An overview on polynomial approximation of NP-hard problems. 2009 , 19, 3-40	10
164	An Overview of Algorithms for Network Survivability. 2012 , 2012, 1-19	30
163	Upper paired domination in graphs. 2021 , 7, 1185-1197	
162	On the Approximation Hardness of Geodesic Set and Its Variants. 2021 , 76-88	
161	Classical symmetries and the Quantum Approximate Optimization Algorithm. 2021 , 20, 1	1
160	Approximation Algorithms. 2000 , 361-396	
159	On Approximate Learning by Multi-layered Feedforward Circuits. 2000 , 264-278	
158	On the Efficient Approximability of \mathcal{H} ARD \mathcal{I} Problems: A Survey. 2000 , 308-322	
157	The Book Review Column. 2000 , 31, 10	0
156	Non-approximability of Weighted Multiple Sequence Alignment. 2001 , 75-85	
155	Approximation Algorithms. 2001 , 213-305	
154	Improved Approximation Algorithms for NMR Spectral Peak Assignment. 2002 , 82-96	2
153	Approximation Algorithms. 2002 , 361-396	
152	Wavelength Conversion in Shortest-Path All-Optical Networks. 2003 , 595-604	2
151	Large scale reconstruction of haplotypes from genotype data. 2003 ,	8
150	On Minimum Circular Arrangement. 2004 , 394-405	3
149	Independent Set of Intersection Graphs of Convex Objects in 2D. 2004 , 127-137	1

- 148 Identifying Efficiently Solvable Cases of Max CSP. **2004**, 152-163 1
- 147 Inapproximability Results for the Lateral Gene Transfer Problem. **2005**, 182-195
- 146 Linear Time Algorithms for Generalized Edge Dominating Set Problems. **2005**, 233-243 1
- 145 Two Logical Hierarchies of Optimization Problems over the Real Numbers. **2005**, 459-470
- 144 Approximating Integer Quadratic Programs and MAXCUT in Subdense Graphs. **2005**, 839-849
- 143 A Better-Than-Greedy Algorithm for k-Set Multicover. **2006**, 176-189 2
- 142 Lower Bounds and Parameterized Approach for Longest Common Subsequence. **2006**, 136-145 0
- 141 MAX-SNP Hardness and Approximation of Selected-Internal Steiner Trees. **2006**, 449-458
- 140 Beaches of Islands of Tractability: Algorithms for Parsimony and Minimum Perfect Phylogeny Haplotyping Problems. **2006**, 80-91 3
- 139 Local Monotonicity in Probabilistic Networks. **2007**, 548-559 0
- 138 Parameterized Complexity and Logic. **2007**, 278-289
- 137 Energy Consumption Minimization in Ad Hoc Wireless and Multi-interface Networks. **2009**, 335-355
- 136 Online Maximum Directed Cut. **2009**, 1124-1133
- 135 Analysis of the Traveling Salesman Problem with Flexible Colors.
- 134 Optimization Problems in Multiple Subtree Graphs. **2010**, 194-204
- 133 Proximity Algorithms for Nearly-Doubling Spaces. **2010**, 192-204 3
- 132 Algorithmes d'approximation. **2010**, 413-461
- 131 The Local Search Algorithms for Maximum 3-Satisfiability Problem. **2010**, 33, 1127-1139

130 Algoritmi approssimati. **2011**, 415-462

129 The Traveling Salesman Problem with Flexible Coloring.

128 Approximation Algorithms for Minimum Chain Vertex Deletion. **2011**, 21-32

127 Minimum Interval Cover and Its Application to Genome Sequencing. **2011**, 287-298

126 On the Approximability of Minimum Topic Connected Overlay and Its Special Instances. **2011**, 376-387

125 Complexity Theory. **2011**, 241-267

1

124 Tight Bounds on Local Search to Approximate the Maximum Satisfiability Problems. **2011**, 49-61

1

123 Approximationsalgorithmen. **2012**, 437-484

122 An Algorithmic View on Multi-Related-Segments: A Unifying Model for Approximate Common Interval. **2012**, 319-329

121 The Robust Set Problem: Parameterized Complexity and Approximation. **2012**, 136-147

1

120 Minimum-Cost Broadcast through Varying-Size Neighborcast. **2012**, 173-187

119 The Birth and Early Years of Parameterized Complexity. **2012**, 17-38

7

118 Hybrid Tractability. **2012**, 137-149

117 Algorithmic Aspects of the Intersection and Overlap Numbers of a Graph. **2012**, 465-474

116 Study of MDP and K-medoids for TSP Problem. **2012**, 324-332

1

115 Hardness of Approximation for Two-Dimensional Vector Packing Problem with Large Items. **2012**, 38, 1-6

114 Probabilistic Verification and Non-approximability. **2013**, 2625-2683

113 Optimization Problems, Approximation Schemes, and Their Relation to FPT. **2013**, 171-182

- 112 On the Approximability of Splitting-SAT in 2-CNF Horn Formulas. **2013**, 54-66
- 111 Complexity Issues on PTAS. **2013**, 723-746
- 110 Exact Complexity and Satisfiability. **2013**, 1-3 1
- 109 Approximation Preserving Reductions. 351-380
- 108 Polynomial Approximation. 311-349
- 107 Optimal Satisfiability. 1-31
- 106 On Pseudorandom Generators with Linear Stretch in NC0. **2014**, 123-146
- 105 Subexponential Time Complexity of CSP with Global Constraints. **2014**, 272-288
- 104 Hard Optimization Problems in Learning Tree Contraction Patterns. **2014**, 77-90
- 103 Maximal common subsequences and minimal common supersequences. **1994**, 173-183 2
- 102 On the approximation of shortest common supersequences and longest common subsequences. **1994**, 191-202 8
- 101 Transparent Proofs and Limits to Approximation. **1994**, 31-91
- 100 Recent results in hardness of approximation. **1994**, 231-239
- 99 Towards a theory of recursive structures. **1994**, 631-645 1
- 98 Randomized approximation algorithms in combinatorial optimization. **1994**, 300-317 1
- 97 My favorite ten complexity theorems of the past decade. **1994**, 256-275
- 96 Graph inference from a walk for trees of bounded degree 3 is NP-complete. **1995**, 257-266 2
- 95 Lower bounds on learning decision lists and trees. **1995**, 527-538 3

- 94 On the approximability of some maximum spanning tree problems. **1995**, 300-310
- 93 On parallel versus sequential approximation. **1995**, 409-419 1
- 92 Wie man Beweise verifiziert, ohne sie zu lesen. **1996**, 305-325
- 91 On the hardness of allocating frequencies for hybrid networks. **1997**, 308-322 1
- 90 Optimization problems with approximation schemes. **1997**, 316-333 1
- 89 Maximizing Agreement with a Classification by Bounded or Unbounded number of Associated Words. **1998**, 41-49 4
- 88 Linear Programming. 1
- 87 A polynomial time approximation scheme for dense MupIN 2S{upAT}. **1999**, 91-99 5
- 86 Combinatorial Optimization. **2014**, 1-48
- 85 Approximation Preserving Reductions. 351-380
- 84 Polynomial Approximation. 311-349
- 83 Algorithmic Aspect of Minus Domination on Small-Degree Graphs. **2015**, 337-348 1
- 82 A Generalized Data Preservation Problem in Sensor NetworksA Network Flow Perspective. **2015**, 275-289 1
- 81 Any-Time Knowledge Revision and Inconsistency Handling. **2015**, 279-294
- 80 Approximation Hardness of the Cross-Species Conserved Active Modules Detection Problem. **2015**, 242-253
- 79 Targeting the Minimum Vertex Set Problem with an Enhanced Genetic Algorithm Improved with Local Search Strategies. **2015**, 177-188
- 78 Local Search to Approximate Max NAE-(k)-Sat Tightly. **2015**, 271-281
- 77 On the Approximability of Partial VC Dimension. **2016**, 92-106 0

- 76 New Insights for Power Edge Set Problem. **2017**, 180-194 2
- 75 The Approximability of Partial Vertex Covers in Trees. **2017**, 350-360 1
- 74 On the Complexity of Finding a Potential Community. **2017**, 80-91
- 73 The Complexity of Approximation Reoptimization Algorithms for Discrete Optimization. **2017**, 313-344
- 72 Submodular Information Flow Models for Multicast Communication. **2018**, 15-65
- 71 On the Hardness of Approximating Linearization of Scaffolds Sharing Repeated Contigs. **2018**, 91-107 1
- 70 A Fixed-Parameter Algorithm for the Max-Cut Problem on Embedded 1-Planar Graphs. **2018**, 141-152 1
- 69 Improved Complexity for Power Edge Set Problem. **2018**, 128-141 0
- 68 Approximationsalgorithmen. **2018**, 449-497
- 67 A Hybrid Evolutionary Algorithm with Taboo and Competition Strategies for Minimum Vertex Cover Problem. **2019**, 725-732
- 66 Algorithmic aspects of total Roman $\{3\}$ -domination in graphs. **2021**, 13, 0
- 65 Calculating the Topological Resilience of Supply Chain Networks Using Hopfield Neural Networks. **2020**, 0
- 64 On Existential MSO and Its Relation to ETH. **2020**, 12, 1-32
- 63 Acyclic Matching in Some Subclasses of Graphs. **2020**, 409-421 5
- 62 On the Complexity of Minimum Maximal Uniquely Restricted Matching. **2020**, 364-376
- 61 Parameterized Algorithms for Partial Vertex Covers in Bipartite Graphs. **2020**, 395-408 1
- 60 Hardness of Segment Cover, Contiguous SAT and Visibility with Uncertain Obstacles. **2020**, 350-363
- 59 Bicriteria streaming algorithms to balance gain and cost with cardinality constraint. 1

- 58 Pandora's Box Problem with Order Constraints. **2020**, 1
- 57 Approximation Algorithms. **2006**, 377-413
- 56 Von der Turingmaschine zum Quantencomputer Ein Gang durch die Geschichte der Komplexitätstheorie. **2006**, 165-195
- 55 Approximating Alternative Solutions. **2008**, 204-214
- 54 Approximation Algorithms. **2008**, 393-437
- 53 Coordinating Concurrent Transmissions: A Constant-Factor Approximation of Maximum-Weight Independent Set in Local Conflict Graphs. **2007**, 74-86
- 52 Approximationsalgorithmen. **2008**, 423-471
- 51 The Minimum Substring Cover Problem. **2008**, 170-183 2
- 50 Polynomial Time Approximation Scheme for Connected Vertex Cover in Unit Disk Graph. **2008**, 255-264
- 49 DNA computing by competitive hybridization for maximum satisfiability problem.
- 48 On Maximizing the Difference Between an Approximately Submodular Function and a Linear Function Subject to a Matroid Constraint. **2021**, 75-85 0
- 47 Error Mitigation for Deep Quantum Optimization Circuits by Leveraging Problem Symmetries. **2021**, 0
- 46 Algorithmic Results in Roman Dominating Functions on Graphs.
- 45 Algorithmic results in secure total dominating sets on graphs. **2022**, 0
- 44 Stackelberg Max Closure with Multiple Followers.
- 43 Hardness of uncertain segment cover, contiguous SAT and visibility with uncertain obstacles.
- 42 On computational capabilities of Ising machines based on nonlinear oscillators. **2022**, 133334 0
- 41 Ising machines as hardware solvers of combinatorial optimization problems. 8

- 40 Theoretische Grenzen. **2022**, 57-84
- 39 Algorithmic aspects of Roman {3}-domination in graphs.
- 38 Total 2-Rainbow Domination in Graphs. **2022**, 10, 2059
- 37 Complexity and Polynomially Solvable Special Cases of QUBO. **2022**, 57-95
- 36 Pandora's Box Problem with Order Constraints.
- 35 Error-Tolerant Mapping for Quantum Computing. **2023**, 371-403
- 34 A note on the satisfactory partition problem: Constant size requirement. **2023**, 179, 106292
- 33 On the Kernel and Related Problems in Interval Digraphs.
- 32 MAX-CUT on Samplings of Dense Graphs. **2022**,
- 31 Positive Influence Domination in Graphs.
- 30 Parameterized complexity of multi-node hubs. **2023**, 131, 64-85 ○
- 29 Algorithmic Aspects of Small Quasi-Kernels. **2022**, 370-382 ○
- 28 Native measurement-based quantum approximate optimization algorithm applied to the Max K-Cut problem. **2022**, 106, ○
- 27 Roman {3}-domination in graphs: Complexity and algorithms. **2022**, ○
- 26 Feedback Arc Set. **2022**, 3-14 ○
- 25 On Computing the Diameter of (Weighted) Link Streams. ○
- 24 Graph neural network initialisation of quantum approximate optimisation. 6, 861 ○
- 23 A semidefinite relaxation based global algorithm for two-level graph partition problem. **2022**, 0-0 ○

22	Characterizing Error Mitigation by Symmetry Verification in QAOA. 2022,	o
21	Metric Nearness with Minimum Distortion: Optimal and Approximation. 2022,	o
20	Acyclic matching in some subclasses of graphs. 2022,	o
19	Monotonicity Testing and Directed Isoperimetric Inequalities. 2022,	o
18	Introduction. 2022,	o
17	On Monotonicity Testing and the 2-to-2 Games Conjecture. 2022,	o
16	Bibliography. 2022,	o
15	Conclusions and Open Problems. 2022,	o
14	NP-hardness of 2-to-2 Games. 2022,	o
13	Author Biographies/Index. 2022,	o
12	The Biased Long Code and Hardness of Vertex Cover. 2022,	o
11	Pseudo-random Sets in the Grassmann Graph Have Near-Perfect Expansion. 2022,	o
10	Acknowledgements. 2022,	o
9	Exact Algorithms and Hardness Results for Geometric Red-Blue Hitting Set Problem. 2022, 176-191	o
8	On the Complexity of Minimum Maximal Acyclic Matchings. 2022, 106-117	1
7	Complexity of Maximum Cut on Interval Graphs.	o
6	Algorithmic results in Roman dominating functions on graphs. 2023, 182, 106363	o
5	Algorithmic results on locating-total domination in graphs. 2023, 334, 36-44	o

- 4 The 2CNF Boolean formula satisfiability problem and the linear space hypothesis. **2023**, 136, 88-112
- 3 MAX CUT in Weighted Random Intersection Graphs and Discrepancy of Sparse Random Set Systems.
- 2 On the computational complexity of Roman $\{2\}$ -domination in grid graphs. **2023**, 45,
- 1 Algorithms for maximizing monotone submodular function minus modular function under noise. **2023**, 45,