

Hanif D Sherali

List of Publications by Year in descending order

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189
papers

9,767
citations

66250

44
h-index

66518

82
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225
all docs

225
docs citations

225
times ranked

6422
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-commodity flow-based formulations and accelerated benders algorithms for the high-multiplicity asymmetric traveling salesman problem and its extensions. <i>Journal of the Operational Research Society</i> , 2018, 69, 734-746.	2.1	2
2	Solving the single and multiple asymmetric Traveling Salesmen Problems by generating subtour elimination constraints from integer solutions. <i>IIE Transactions</i> , 2018, 50, 45-53.	1.6	15
3	A Novel Model and Decomposition Approach for the Integrated Airline Fleet Assignment, Aircraft Routing, and Crew Pairing Problem. <i>Transportation Science</i> , 2017, 51, 233-249.	2.6	28
4	A hybrid optimization-simulation approach for robust weekly aircraft routing and retiming. <i>Transportation Research Part C: Emerging Technologies</i> , 2017, 84, 1-20.	3.9	26
5	On the numerical solution of the quadratic eigenvalue complementarity problem. <i>Numerical Algorithms</i> , 2016, 72, 721-747.	1.1	2
6	A resource allocation approach for managing critical network-based infrastructure systems. <i>IIE Transactions</i> , 2016, 48, 826-837.	2.1	13
7	RLT-POS: Reformulation-Linearization Technique-based optimization software for solving polynomial programming problems. <i>Mathematical Programming Computation</i> , 2016, 8, 337-375.	3.2	8
8	The second-order cone eigenvalue complementarity problem. <i>Optimization Methods and Software</i> , 2016, 31, 24-52.	1.6	9
9	On wireless network infrastructure optimisation for cyber-physical systems in future smart buildings. <i>International Journal of Sensor Networks</i> , 2015, 18, 148.	0.2	1
10	RLT insights into lift-and-project closures. <i>Optimization Letters</i> , 2015, 9, 19-39.	0.9	2
11	Cost-of-Quality Optimization via Zero-One Polynomial Programming. <i>IIE Transactions</i> , 2015, 47, 258-273.	2.1	18
12	Multi-Node Wireless Energy Charging in Sensor Networks. <i>IEEE/ACM Transactions on Networking</i> , 2015, 23, 437-450.	2.6	153
13	A column generation mathematical programming approach for a class-faculty assignment problem with preferences. <i>Computational Management Science</i> , 2015, 12, 297-318.	0.8	5
14	Primary pharmaceutical manufacturing scheduling problem. <i>IIE Transactions</i> , 2014, 46, 1298-1314.	2.1	9
15	Rechargeable Sensor Networks with Magnetic Resonant Coupling. , 2014, , 31-68.		1
16	Enhanced Models for a Mixed Arrival-Departure Aircraft Sequencing Problem. <i>INFORMS Journal on Computing</i> , 2014, 26, 514-530.	1.0	41
17	Minimizing conditional-value-at-risk for stochastic scheduling problems. <i>Journal of Scheduling</i> , 2014, 17, 5-15.	1.3	43
18	On the Solution of the Inverse Eigenvalue Complementarity Problem. <i>Journal of Optimization Theory and Applications</i> , 2014, 162, 88-106.	0.8	2

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19	Bulk tank allocation to improve distribution planning for the industrial gas industry. IIE Transactions, 2014, 46, 557-566.	2.1	2
20	A branch-and-price approach for the stochastic generalized assignment problem. Naval Research Logistics, 2014, 61, 131-143.	1.4	7
21	On an enumerative algorithm for solving eigenvalue complementarity problems. Computational Optimization and Applications, 2014, 59, 113-134.	0.9	16
22	On the computation of all eigenvalues for the eigenvalue complementarity problem. Journal of Global Optimization, 2014, 59, 307-326.	1.1	20
23	Multiple asymmetric traveling salesmen problem with and without precedence constraints: Performance comparison of alternative formulations. Computers and Operations Research, 2014, 51, 64-89.	2.4	25
24	Theoretical filtering of RLT bound-factor constraints for solving polynomial programming problems to global optimality. Journal of Global Optimization, 2013, 57, 1147-1172.	1.1	8
25	Siting and Sizing of Facilities under Probabilistic Demands. Journal of Optimization Theory and Applications, 2013, 158, 284-304.	0.8	0
26	A Lifted Compact Formulation for the Daily Aircraft Maintenance Routing Problem. Transportation Science, 2013, 47, 508-525.	2.6	46
27	A benders decomposition approach for an integrated airline schedule design and fleet assignment problem with flight retiming, schedule balance, and demand recapture. Annals of Operations Research, 2013, 210, 213-244.	2.6	41
28	On generating maximal nondominated Benders cuts. Annals of Operations Research, 2013, 210, 57-72.	2.6	53
29	Tight compact models and comparative analysis for the prize collecting Steiner tree problem. Discrete Applied Mathematics, 2013, 161, 618-632.	0.5	11
30	A column generation approach for determining optimal fleet mix, schedules, and transshipment facility locations for a vessel transportation problem. Applied Mathematical Modelling, 2013, 37, 2374-2387.	2.2	5
31	Configuration of airspace sectors for balancing air traffic controller workload. Annals of Operations Research, 2013, 203, 3-31.	2.6	20
32	An Integrated Approach for Airline Flight Selection and Timing, Fleet Assignment, and Aircraft Routing. Transportation Science, 2013, 47, 455-476.	2.6	49
33	Bundling mobile base station and wireless energy transfer: Modeling and optimization. , 2013, , .		81
34	Throughput Maximization for Multi-Hop Wireless Networks with Network-Wide Energy Constraint. IEEE Transactions on Wireless Communications, 2013, 12, 1255-1267.	6.1	9
35	Reformulation-Linearization Techniques for Discrete Optimization Problems. , 2013, , 2849-2896.		10
36	Algorithm design for femtocell base station placement in commercial building environments. , 2012, , .		29

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37	A distributed Newton's method for joint multi-hop routing and flow control: Theory and algorithm. , 2012, , .		12
38	The coastal seaspace patrol sector design and allocation problem. Computational Management Science, 2012, 9, 483-514.	0.8	9
39	Making Sensor Networks Immortal: An Energy-Renewal Approach With Wireless Power Transfer. IEEE/ACM Transactions on Networking, 2012, 20, 1748-1761.	2.6	352
40	On a fractional minimal cost flow problem on networks. Optimization Letters, 2012, 6, 1945-1949.	0.9	4
41	Enhancing RLT-based relaxations for polynomial programming problems via a new class of v-semidefinite cuts. Computational Optimization and Applications, 2012, 52, 483-506.	0.9	11
42	Dynamic Lagrangian dual and reduced RLT constructs for solving 0-1 mixed-integer programs. Top, 2012, 20, 173-189.	1.1	2
43	Comments on: Algorithms for linear programming with linear complementarity constraints. Top, 2012, 20, 33-34.	1.1	0
44	Network interdiction to minimize the maximum probability of evasion with synergy between applied resources. Annals of Operations Research, 2012, 196, 411-442.	2.6	15
45	Optimal Power Allocation in Multi-Relay MIMO Cooperative Networks: Theory and Algorithms. IEEE Journal on Selected Areas in Communications, 2012, 30, 331-340.	9.7	44
46	Femtocell Base Station Deployment in Commercial Buildings: A Global Optimization Approach. IEEE Journal on Selected Areas in Communications, 2012, 30, 652-663.	9.7	43
47	Higher-level RLT or disjunctive cuts based on a partial enumeration strategy for 0-1 mixed-integer programs. Optimization Letters, 2012, 6, 127-139.	0.9	3
48	Reduced RLT representations for nonconvex polynomial programming problems. Journal of Global Optimization, 2012, 52, 447-469.	1.1	24
49	Defeating symmetry in combinatorial optimization via objective perturbations and hierarchical constraints. IIE Transactions, 2011, 43, 575-588.	2.1	23
50	On renewable sensor networks with wireless energy transfer. , 2011, , .		287
51	Multicast Communications in Multi-Hop Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 784-793.	9.7	51
52	Combined bound-grid-factor constraints for enhancing RLT relaxations for polynomial programs. Journal of Global Optimization, 2011, 51, 377-393.	1.1	5
53	Siting and Sizing of Facilities under Probabilistic Demands. Journal of Optimization Theory and Applications, 2011, 149, 420-440.	0.8	1
54	Exact approaches for integrated aircraft fleetling and routing at TunisAir. Computational Optimization and Applications, 2011, 49, 213-239.	0.9	24

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55	New formulation for the high multiplicity asymmetric traveling salesman problem with application to the Chesapeake problem. <i>Optimization Letters</i> , 2011, 5, 259-272.	0.9	14
56	A mixed-integer mathematical modeling approach to exam timetabling. <i>Computational Management Science</i> , 2010, 7, 19-46.	0.8	24
57	A fractional programming approach for retail category price optimization. <i>Journal of Global Optimization</i> , 2010, 48, 263-277.	1.1	23
58	Portfolio optimization by minimizing conditional value-at-risk via nondifferentiable optimization. <i>Computational Optimization and Applications</i> , 2010, 46, 391-415.	0.9	58
59	Strength of Three MIP Formulations for the Prize Collecting Steiner Tree Problem with a Quota Constraint. <i>Electronic Notes in Discrete Mathematics</i> , 2010, 36, 495-502.	0.4	4
60	Cooperative Communications in Multi-hop Wireless Networks: Joint Flow Routing and Relay Node Assignment. , 2010, , .		87
61	Canonical Dual Solutions for Fixed Cost Quadratic Programs. <i>Springer Optimization and Its Applications</i> , 2010, , 139-156.	0.6	18
62	Optimal power allocation for achieving perfect secrecy capacity in MIMO wire-tap channels. , 2009, , .		10
63	Joint vehicle assembly€routing problems: An integrated modeling and optimization approach. <i>Networks</i> , 2009, 53, 249-265.	1.6	5
64	Two-stage stochastic hierarchical multiple risk problems: models and algorithms. <i>Mathematical Programming</i> , 2009, 120, 403-427.	1.6	11
65	A Reformulation-Linearization Technique (RLT) for semi-infinite and convex programs under mixed 0-1 and general discrete restrictions. <i>Discrete Applied Mathematics</i> , 2009, 157, 1319-1333.	0.5	15
66	Solutions and optimality criteria for nonconvex constrained global optimization problems with connections between canonical and Lagrangian duality. <i>Journal of Global Optimization</i> , 2009, 45, 473-497.	1.1	48
67	On optimal zero-preserving corrections for inconsistent linear systems. <i>Journal of Global Optimization</i> , 2009, 45, 645-666.	1.1	6
68	Complementary column generation and bounding approaches for set partitioning formulations. <i>Optimization Letters</i> , 2009, 3, 123-136.	0.9	25
69	On Path Selection and Rate Allocation for Video in Wireless Mesh Networks. <i>IEEE/ACM Transactions on Networking</i> , 2009, 17, 212-224.	2.6	59
70	Canonical Duality Theory: Connections between Nonconvex Mechanics and Global Optimization. <i>Advances in Mechanics and Mathematics</i> , 2009, , 257-326.	0.2	23
71	On the asymmetric eigenvalue complementarity problem. <i>Optimization Methods and Software</i> , 2009, 24, 549-568.	1.6	44
72	Two-Stage Stochastic Mixed-Integer Programs: Algorithms and Insights. <i>Advances in Mechanics and Mathematics</i> , 2009, , 405-435.	0.2	5

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73	The prize collecting Steiner tree problem: models and Lagrangian dual optimization approaches. Computational Optimization and Applications, 2008, 40, 13-39.	0.9	17
74	Second-order cover inequalities. Mathematical Programming, 2008, 114, 207-234.	1.6	6
75	Higher-order cover cuts from zero-one knapsack constraints augmented by two-sided bounding inequalities. Discrete Optimization, 2008, 5, 270-289.	0.6	4
76	A quantitative approach for scheduling activities to reduce set-up in multiple machine lines. European Journal of Operational Research, 2008, 187, 1224-1237.	3.5	15
77	Optimal Allocation of Risk-Reduction Resources in Event Trees. Management Science, 2008, 54, 1313-1321.	2.4	24
78	Two-Stage Fleet Assignment Model Considering Stochastic Passenger Demands. Operations Research, 2008, 56, 383-399.	1.2	35
79	On the capacity of multiuser MIMO networks with interference. IEEE Transactions on Wireless Communications, 2008, 7, 488-494.	6.1	20
80	On joint routing and server selection for MD video streaming in ad hoc networks. IEEE Transactions on Wireless Communications, 2007, 6, 338-347.	6.1	20
81	Conjugate Gradient Projection Approach for MIMO Gaussian Broadcast Channels. , 2007, , .		11
82	A class of multi-level balanced Foundation-Penalty cuts for mixed-integer programs. International Journal of Computational Science and Engineering, 2007, 3, 203.	0.4	1
83	Cross-Layer Optimization of MIMO-Based Mesh Networks Under Orthogonal Channels. , 2007, , .		8
84	The eigenvalue complementarity problem. Computational Optimization and Applications, 2007, 37, 139-156.	0.9	75
85	RLT: A unified approach for discrete and continuous nonconvex optimization. Annals of Operations Research, 2007, 149, 185-193.	2.6	14
86	Mixed-integer programming models for an employee scheduling problem with multiple shifts and work locations. Annals of Operations Research, 2007, 155, 119-142.	2.6	40
87	Optimum synthesis of discrete capacitated networks with multi-terminal commodity flow requirements. Optimization Letters, 2007, 1, 341-354.	0.9	6
88	A precedence-constrained asymmetric traveling salesman model for disassembly optimization. IIE Transactions, 2006, 38, 223-237.	2.1	23
89	Path Selection and Rate Allocation for Video Streaming in Multihop Wireless Networks. , 2006, , .		7
90	A discrete optimization approach for locating Automatic Vehicle Identification readers for the provision of roadway travel times. Transportation Research Part B: Methodological, 2006, 40, 857-871.	2.8	75

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91	A class of lifted path and flow-based formulations for the asymmetric traveling salesman problem with and without precedence constraints. <i>Discrete Optimization</i> , 2006, 3, 20-32.	0.6	36
92	Computing dynamic user equilibria for large-scale transportation networks. <i>Transportation</i> , 2006, 33, 589-604.	2.1	9
93	A Complementarity-based Partitioning and Disjunctive Cut Algorithm for Mathematical Programming Problems with Equilibrium Constraints. <i>Journal of Global Optimization</i> , 2006, 36, 89-114.	1.1	26
94	An Inverse Reliability-based Approach for Designing under Uncertainty with Application to Robust Piston Design. <i>Journal of Global Optimization</i> , 2006, 37, 47-62.	1.1	13
95	Convergence and Computational Analyses for Some Variable Target Value and Subgradient Deflection Methods. <i>Computational Optimization and Applications</i> , 2006, 34, 409-428.	0.9	16
96	Multiple Description Video Multicast in Wireless Ad Hoc Networks. <i>Mobile Networks and Applications</i> , 2006, 11, 63-73.	2.2	43
97	A polyhedral study of the generalized vertex packing problem. <i>Mathematical Programming</i> , 2006, 107, 367-390.	1.6	13
98	Decomposition with branch-and-cut approaches for two-stage stochastic mixed-integer programming. <i>Mathematical Programming</i> , 2006, 106, 203-223.	1.6	126
99	On solving discrete two-stage stochastic programs having mixed-integer first- and second-stage variables. <i>Mathematical Programming</i> , 2006, 108, 597-616.	1.6	60
100	A Trust Region Target Value Method for Optimizing Nondifferentiable Lagrangian Duals of Linear Programs. <i>Mathematical Methods of Operations Research</i> , 2006, 64, 33-53.	0.4	6
101	An improved linearization strategy for zero-one quadratic programming problems. <i>Optimization Letters</i> , 2006, 1, 33-47.	0.9	44
102	A new reformulation approach for the generalized partial covering problem. <i>Naval Research Logistics</i> , 2006, 53, 170-179.	1.4	4
103	The approach-dependent, time-dependent, label-constrained shortest path problem. <i>Networks</i> , 2006, 48, 57-67.	1.6	9
104	WLC36-4: Optimization of Multiuser MIMO Networks with Interference. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006, , .	0.0	3
105	PARAMETER STABILITY MARGINS FOR POLYNOMIAL UNCERTAINTY STRUCTURES: A POLYNOMIAL PROGRAMMING APPROACH. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005, 38, 37-42.	0.4	0
106	Partial convexification cuts for 0-1 mixed-integer programs. <i>European Journal of Operational Research</i> , 2005, 165, 625-648.	3.5	7
107	A Hierarchy of Relaxations Leading to the Convex Hull Representation for General Discrete Optimization Problems. <i>Annals of Operations Research</i> , 2005, 140, 21-47.	2.6	34
108	Some Classes of Valid Inequalities and Convex Hull Characterizations for Dynamic Fixed-Charge Problems under Nested Constraints. <i>Annals of Operations Research</i> , 2005, 140, 215-233.	2.6	8

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109	A Global Optimization RLT-based Approach for Solving the Hard Clustering Problem. Journal of Global Optimization, 2005, 32, 281-306.	1.1	48
110	A Global Optimization RLT-based Approach for Solving the Fuzzy Clustering Problem. Journal of Global Optimization, 2005, 33, 597-615.	1.1	17
111	On Node Lifetime Problem for Energy-Constrained Wireless Sensor Networks. Mobile Networks and Applications, 2005, 10, 865-878.	2.2	10
112	On Solving Polynomial, Factorable, and Black-Box Optimization Problems Using the RLT Methodology. , 2005, , 131-163.		5
113	Radar pulse interleaving for multi-target tracking. Naval Research Logistics, 2004, 51, 72-94.	1.4	31
114	Allocating Emergency Response Resources to Minimize Risk with Equity Considerations. American Journal of Mathematical and Management Sciences, 2004, 24, 367-410.	0.6	17
115	A Pseudo-Global Optimization Approach with Application to the Design of Containerships. Journal of Global Optimization, 2003, 26, 335-360.	1.1	11
116	Foundation-penalty cuts for mixed-integer programs. Operations Research Letters, 2003, 31, 245-253.	0.5	11
117	Enhanced Model Formulations for Optimal Facility Layout. Operations Research, 2003, 51, 629-644.	1.2	147
118	Global Optimization Procedures for the Capacitated Euclidean andlpDistance Multifacility Location-Allocation Problems. Operations Research, 2002, 50, 433-448.	1.2	42
119	On Tightening the Relaxations of Miller-Tucker-Zemlin Formulations for Asymmetric Traveling Salesman Problems. Operations Research, 2002, 50, 656-669.	1.2	69
120	Enhancing RLT relaxations via a new class of semidefinite cuts. Journal of Global Optimization, 2002, 22, 233-261.	1.1	62
121	Title is missing!. Journal of Global Optimization, 2002, 22, 319-342.	1.1	104
122	Tight Relaxations for Nonconvex Optimization Problems Using the Reformulation-Linearization/Convexification Technique (RLT). Nonconvex Optimization and Its Applications, 2002, , 1-63.	0.1	14
123	Improving Discrete Model Representations via Symmetry Considerations. Management Science, 2001, 47, 1396-1407.	2.4	178
124	Global optimization of nonconvex factorable programming problems. Mathematical Programming, 2001, 89, 459-478.	1.6	60
125	Title is missing!. Journal of Global Optimization, 2001, 19, 1-26.	1.1	51
126	Discrete equal-capacityp-median problem. Naval Research Logistics, 2000, 47, 166-183.	1.4	4

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127	A branch-and-cut algorithm for solving an intraring synchronous optical network design problem. <i>Networks</i> , 2000, 35, 223-232.	1.6	26
128	New modeling approaches for the design of local access transport area networks. <i>European Journal of Operational Research</i> , 2000, 127, 94-108.	3.5	14
129	Reduced first-level representations via the reformulation-linearization technique: results, counterexamples, and computations. <i>Discrete Applied Mathematics</i> , 2000, 101, 247-267.	0.5	16
130	Fleet management models and algorithms for an oil-tanker routing and scheduling problem. <i>IIE Transactions</i> , 1999, 31, 395-406.	2.1	2
131	Title is missing!. <i>Computational Optimization and Applications</i> , 1999, 14, 275-291.	0.9	5
132	Fleet management models and algorithms for an oil-tanker routing and scheduling problem. <i>IIE Transactions</i> , 1999, 31, 395-406.	2.1	66
133	A Reformulation-Linearization Technique for Solving Discrete and Continuous Nonconvex Problems. <i>Nonconvex Optimization and Its Applications</i> , 1999, , .	0.1	304
134	Title is missing!. <i>IIE Transactions</i> , 1998, 30, 1065-1074.	2.1	3
135	Global Optimization of Nonconvex Polynomial Programming Problems Having Rational Exponents. <i>Journal of Global Optimization</i> , 1998, 12, 267-283.	1.1	56
136	The time-dependent shortest pair of disjoint paths problem: Complexity, models, and algorithms. <i>Networks</i> , 1998, 31, 259-272.	1.6	45
137	Exploiting Special Structures in Constructing a Hierarchy of Relaxations for 0-1 Mixed Integer Problems. <i>Operations Research</i> , 1998, 46, 396-405.	1.2	96
138	Equivalent primal and dual differentiable reformulations of the Euclidean multifacility location problem. <i>IIE Transactions</i> , 1998, 30, 1065-1074.	2.1	3
139	Persistency in 0-1 Polynomial Programming. <i>Mathematics of Operations Research</i> , 1998, 23, 359-389.	0.8	20
140	A Tactical Decision Support System for Empty Railcar Management. <i>Transportation Science</i> , 1998, 32, 306-329.	2.6	28
141	Reformulation-Linearization Techniques for Discrete Optimization Problems. , 1998, , 479-532.		15
142	Static and Dynamic Time-Space Strategic Models and Algorithms for Multilevel Rail-Car Fleet Management. <i>Management Science</i> , 1997, 43, 235-250.	2.4	48
143	A Global Optimization Approach to a Water Distribution Network Design Problem. <i>Journal of Global Optimization</i> , 1997, 11, 107-132.	1.1	45
144	Title is missing!. <i>Journal of Global Optimization</i> , 1997, 10, 381-390.	1.1	26

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145	Generating Cuts from Surrogate Constraint Analysis for Zero-One and Multiple Choice Programming. Computational Optimization and Applications, 1997, 8, 151-172.	0.9	21
146	New reformulation linearization/convexification relaxations for univariate and multivariate polynomial programming problems. Operations Research Letters, 1997, 21, 1-9.	0.5	92
147	Convex envelope results and strong formulations for a class of mixed-integer programs. Naval Research Logistics, 1996, 43, 503-518.	1.4	6
148	Tighter representations for set partitioning problems. Discrete Applied Mathematics, 1996, 68, 153-167.	0.5	29
149	Recovery of primal solutions when using subgradient optimization methods to solve Lagrangian duals of linear programs. Operations Research Letters, 1996, 19, 105-113.	0.5	145
150	Scheduling target illuminators in naval battle-group anti-air warfare. Naval Research Logistics, 1995, 42, 737-755.	1.4	7
151	A simultaneous lifting strategy for identifying new classes of facets for the Boolean quadric polytope. Operations Research Letters, 1995, 17, 19-26.	0.5	22
152	A reformulation-convexification approach for solving nonconvex quadratic programming problems. Journal of Global Optimization, 1995, 7, 1-31.	1.1	141
153	Sequential and Simultaneous Liftings of Minimal Cover Inequalities for Generalized Upper Bound Constrained Knapsack Polytopes. SIAM Journal on Discrete Mathematics, 1995, 8, 133-153.	0.4	20
154	A hierarchy of relaxations and convex hull characterizations for mixed-integer zero-one programming problems. Discrete Applied Mathematics, 1994, 52, 83-106.	0.5	248
155	A localization and reformulation discrete programming approach for the rectilinear distance location-allocation problem. Discrete Applied Mathematics, 1994, 49, 357-378.	0.5	32
156	Biconvex Models and Algorithms for Risk Management Problems. American Journal of Mathematical and Management Sciences, 1994, 14, 197-228.	0.6	3
157	Mixed-integer bilinear programming problems. Mathematical Programming, 1993, 59, 279-305.	1.6	70
158	Strategic and Tactical Models and Algorithms for the Coal Industry Under the 1990 Clean Air Act. Network Optimization Problems: Algorithms, Applications and Complexity, 1993, , 233-262.	0.1	1
159	An Integrated Simulation and Dynamic Programming Approach for Determining Optimal Runway Exit Locations. Management Science, 1992, 38, 1049-1062.	2.4	14
160	Variational Problems for Determining Optimal Paths of a Moving Facility. Transportation Science, 1992, 26, 330-345.	2.6	5
161	A global optimization algorithm for polynomial programming problems using a Reformulation-Linearization Technique. Journal of Global Optimization, 1992, 2, 101-112.	1.1	251
162	A new reformulation-linearization technique for bilinear programming problems. Journal of Global Optimization, 1992, 2, 379-410.	1.1	315

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163	A leader-follower model and analysis for a two-stage network of oligopolies. <i>Annals of Operations Research</i> , 1992, 34, 37-72.	2.6	8
164	A squared-euclidean distance location-allocation problem. <i>Naval Research Logistics</i> , 1992, 39, 447-469.	1.4	45
165	A location-allocation model and algorithm for evacuation planning under hurricane/flood conditions. <i>Transportation Research Part B: Methodological</i> , 1991, 25, 439-452.	2.8	253
166	Unbalanced, capacitated p -median problems on a chain graph with a continuum of link demands. <i>Networks</i> , 1991, 21, 133-163.	1.6	11
167	Probabilistic partial set covering problems. <i>Naval Research Logistics</i> , 1991, 38, 41-51.	1.4	8
168	An explicit characterization of the convex envelope of a bivariate bilinear function over special polytopes. <i>Annals of Operations Research</i> , 1990, 25, 197-209.	2.6	32
169	Linearization Strategies for a Class of Zero-One Mixed Integer Programming Problems. <i>Operations Research</i> , 1990, 38, 217-226.	1.2	131
170	A Hierarchy of Relaxations between the Continuous and Convex Hull Representations for Zero-One Programming Problems. <i>SIAM Journal on Discrete Mathematics</i> , 1990, 3, 411-430.	0.4	676
171	A TWO-PHASE NETWORK DESIGN HEURISTIC FOR MINIMUM COST WATER DISTRIBUTION SYSTEMS UNDER A RELIABILITY CONSTRAINT. <i>Engineering Optimization</i> , 1990, 15, 311-336.	1.5	23
172	Models and algorithms for a two-stage production process. <i>Production Planning and Control</i> , 1990, 1, 27-39.	5.8	46
173	Models and algorithms for job selection, routing, and scheduling in a flexible manufacturing system. <i>Annals of Operations Research</i> , 1990, 26, 433-453.	2.6	11
174	A primal-dual conjugate subgradient algorithm for specially structured linear and convex programming problems. <i>Applied Mathematics and Optimization</i> , 1989, 20, 193-221.	0.8	52
175	Convergence analysis and algorithmic implications of two dynamic processes toward an oligopoly-competitive fringe equilibrium solution. <i>Computers and Operations Research</i> , 1988, 15, 69-81.	2.4	3
176	Mathematical Analysis of the Interactions Between Oligopolistic Firms and a Competitive Fringe. <i>American Journal of Mathematical and Management Sciences</i> , 1987, 7, 149-174.	0.6	2
177	Algorithmic insights and a convergence analysis for a Karmarkar-type of algorithm for linear programming problems. <i>Naval Research Logistics</i> , 1987, 34, 399-416.	1.4	9
178	A flexible, polynomial-time, construction and improvement heuristic for the quadratic assignment problem. <i>Computers and Operations Research</i> , 1986, 13, 587-600.	2.4	15
179	A Tight Linearization and an Algorithm for Zero-One Quadratic Programming Problems. <i>Management Science</i> , 1986, 32, 1274-1290.	2.4	210
180	A branch and bound algorithm for extreme point mathematical programming problems. <i>Discrete Applied Mathematics</i> , 1985, 11, 265-280.	0.5	13

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181	An Insightful Marginal Cost Analysis for an Electric Utility Capacity Planning Problem. IIE Transactions, 1985, 17, 378-387.	2.1	1
182	A Decomposition Algorithm for a Discrete Location-Allocation Problem. Operations Research, 1984, 32, 878-900.	1.2	33
183	Nonadjacent extreme point methods for solving linear programs. Naval Research Logistics Quarterly, 1983, 30, 145-161.	0.4	15
184	Stackelberg-Nash-Cournot Equilibria: Characterizations and Computations. Operations Research, 1983, 31, 253-276.	1.2	202
185	A mathematical programming approach for determining oligopolistic market equilibrium. Mathematical Programming, 1982, 24, 92-106.	1.6	189
186	A property regarding degenerate pivots for linear assignment networks. Networks, 1982, 12, 469-474.	1.6	3
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