title	authors	journal	year	volume/	pages	dimen	shape	abbreviation
Interactive ILP Procedures for stacking optimization for the 3D palletization problem	Abdou, G.; Arghavani, J.	International Journal of Production Research	1997	35	1287-1304	3D		SLOPP
A client-broker-server architecture of a virtual enterprise for cutting stock applications	Ahonen, H.; Alvarenga, A. G. et al	International Journal of Computer Integrated Manufacturing	2001	14	194-205	2D	irregular	ODP
Average-Case Analyses of First Fit and Random Fit Bin Packing	Albers, S.; Mitzenmacher, M.	Proceedings of the Ninth Annual ACM-SIAM Symposium on Discrete Algorithm	1998		290-299	1D		SBSBPP
A computational study of LP-based heuristic algorithms for two-dimensional guillotine cutting stock problems	Alvarez-Valdés, R.; Parajón, A.; Tamarit, J. M.	OR Spectrum	2002	24	179-192	2D	regular	MSSCSP
A tabu search algorithm for large-scale guillotine (un)constrained two-dimensional cutting problems	Alvarez-Valdés, R.; Parajón, A.; Tamarit, J. M.	Computers & Operations Research	2002	29	925-947	2D	regular	SLOPP
FAFNER - Accelarating Nesting Problems with FPGAs	Alves; J. C.; Ferreira, J. C. et al	Fiels-Programable Custom Computing Maschines	1999			2D	irregular	ODP
Local Search for the Bin Packing Problem	Alvim, A. C. F.; Glover, F.; Ribeiro, C. C.; Aloise, D. J.	Extended Abstracts of the III Methaheuristics International Conference	1999		7-12	1D		SBSBPP
A Hybrid Improvement Heuristic for the One-Dimensional Bin Packing Problem	Alvim, A. C. F.; Ribeiro, C. C.; Glover, F.; Aloise, D. J.	Journal of Heuristics	2004	10	205-229	1D		SBSBPP
Experiments with a strategic oscillation algorithm for the pallet loading problem	Amaral, A. R. S.; Wright, M.	International Journal of Production Research	2001	39	2341-2351	2D	regular	IIPP
Efficient Algorithm for the Constrained Two-dimensional Cutting Stock Problem	Amaral, A. R. S.; Wright, W.	International Transactions in Operational Research	2001	8	3-13	2D	regular	SLOPP
An Integrated Machine Vision Based System for Solving the Nonconvex Cutting Stock Problem Using Genetic Algorith	Anand, S.; McCord, C.; Sharma, R.	Journal of Manufacturing Systems	1999	18	396-415	2D	irregular	SKP
Unbounded knapsack problem: Dynamic programming revisited	Andonov, R.; Poirriez, V. ; Rajopadhye, S.	European Journal of Operational Research	2000	123	394-407	1D		SLOPP
The Cutting-Stock Approach to Bin Packing: Theory and Experiments	Applegate, D. L.; Buriol, L. S.; Dillard, B. L.; Johnson, D. S.; Shor, P. W	Proceedings of the Fifth Workshop on Algorithm Engineering and Experiments	2003		1-15	1D		SBSBPP
Cutting and reuse: An application from automobile component manufacturing	Arbib, C.; Marinelli, F. et al	Operations Research	2002	50	923-934	1D		SKP
An overview of AND/OR-graph approaches to cutting and packing problems	Arenales, M.; Morabito, R.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		207-224	1D		SLOPP
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An overview of AND/OR-graph approaches to cutting and packing problems	Arenales, M.; Morabito, R.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		207-224	3D		SLOPP
An AND/OR-graph approach to the solution of two-dimensional non-guillotine cutting problems	Arenales, M.; Morabito; R.	European Journal of Operational Research	1995	84	599-617	2D	regular	IIPP
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Continued fractions in optimal cutting of a rectangular sheet into equal small rectangles	Arslanov, M. Z.	European Journal of Operational Research	2000	125	239-248	2D	regular	IIPP
A New Knapsack Solution Approach by Integer Equivalent Aggregation and Consistency Determination	Babayev, D. A.; Glover, F.; Ryan, J.	INFORMS Journal on Computing	1997	9	43-50	1D		SKP
Effective nesting of rectangular parts in multiple rectangular sheets using genetic and heuristic algorithms	Babu, A. R.; Babu, N. R.	International Journal of Production Research	1999	37	1625-1643	2D	regular	MSSCSP
Bin Packing with Fragile Objects	Bansal, N.; Liu, Z.; Sankar, A.	IFIP Conference Proceeding	2002		38-46	1D		SBSBPP
New Approximability and Inapproximability results for 2-dimensional bin packing	Bansal, N.; Sviridenko, M.	Proceedings of the 15th Annual ACM-SIAM Symposium on Discrete Algorithms	2004		196-203	2D	regular	SBSBPP
The probe metaheuristic and ist application to the multiconstraint knapsack problem	Barake, M.; Chardaire, P.; McKeown, G. P.	Metaheuristics: Computer Decision-Making	2003		19-36	1D		SKP
An experiment with heuristic algorithms FFD, FFR and SVC for one-dimensional cutting-packing problems	Barlybaev, R. H.; Gabitov, V. A.; Mukhacheva, A. S.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		62-71	1D		SBSBPP
A population heuristic for constrained two-dimensional non-guillotine cutting	Beasley, J. E.	European Journal of Operational Research	2004	156	601-627	2D	regular	SKP
Probabilistic analysis of knapsack core algorithms	Beier, R.; Vöcking, B.	Fifteenth annual ACM-SIAM symposium on Discrete algorithms	2004		468-472	1D		SKP
Random knapsack in expected polynomial time	Beier, R.; Vöcking, B.	Journal of Computer and System Sciences	2004	29	306-329	1D		SKP
A 5/4 Linear Time Bin Packing Algorithm	Békési, J.; Galambos, G.; Kellerer, H.	Journal of Computer and Systems Sciences	2000	60	145-160	1D		SBSBPP
A modified sequentiel values correction method for the one-dimensional cutting stock problem	Belov, G.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		41-47	1D		SSSCSP
A cutting plane algorithm for the one-dimensional cutting stock problem with multiple stock lenghts	Belov, G.; Scheithauer, G.	European Journal of Operational Research	2002	141	274-294	1D		MSSCSP
An algorithm for a cutting stock problem on a strip	Benati, S.	Journal of the Operational Research Society	1997	48	288-294	2D	regular	ODP
A tabu thesholding implementation for the irregular stock cutting problem	Bennell, J. A.; Dowsland, J. A.	International Journal of Production Research	1999	37	4259-4275	2D	irregular	ODP
Hybridising Tabu Search with Optimisation Techniques for Irregular Stock Cutting	Bennell, J. A.; Dowsland, K. A.	Management Science	2001	47	1160-1172	2D	irregular	ODP
A linear approximation algorithm for bin packing with absolute approximation factor 3/2	Berghammer, R.; Reuter, F.	Science of Computer Programming	2003	48	67-80	1D		SBSBPP
An Approximate Dynamic Programming Approach to Multidimensional Knapsack Problems	Bertsimas, D.; Demir, R.	Management Science	2002	48	550-565	1D		SKP
An exact depth-first algorithm for the pallet loading problem: Theory and Methodology	Bhattacharya, S.; Roy, R.; Bhattacharya, S.	European Journal of Operational Research	1998	110	610-625	2D	regular	IIPP
Evolutionary Metaphors for the Bin Packing Problem	Bilchev, G.	Evolutionary Programming V: Proceedings of the Fifth Annual Conference on E	1996		333-341	1D		SBSBPP
Palletisation efficiency as a criterion for product design	Bischoff, E. E.	OR Spektrum	1997	19	139-145	2D	regular	IIPP
Loading pallets with non-identical items	Bischoff, E. E.; Janetz, F.; Ratcliff, M. S. W.	European Journal of Operational Research	1995	84	681-692	3D		SLOPP
Issues in the Development of Approaches to Container Loading	Bischoff, E. E.; Ratcliff, M. S. W.	Omega	1995	23	377-390	3D		SLOPP
Loading Multiple Pallets	Bischoff, E. E.; Ratcliff, M. S. W.	Journal of the Operational Research Society	1995	46		3D		SSSCSP
Parallel Tabu Search Approaches for Two-Dimensional Cutting	Blazewicz, J.; Moret-Salvador, A.; Walkowiak, R.	Parallel Processing Letters	2004	14	23-32	2D	irregular	ODP
Tabu Search for two-dimensional irregular cutting	Blazewicz, J.; Salvador, A. M.; Walkowiak, R.	Essays and Surveys in Metaheuristics	2002		101-128	2D	irregular	ODP
A local search approach for two-dimensional irregular cutting	Blazewicz, J.; Walkowiak, R.	OR Spektrum	1995	17	93-98	2D	irregular	ODP
A New Parallel Appraoch for Multi-dimensional Packing Problems	Blazewicz, J.; Walkowiak, R.	Lecture Notes in Computer Science	2002		194-201	2D	irregular	ODP

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Assortment Problems with Cutting Policies	Borges, P. C.; Ferreira, J. S.	Control and Cybernetics	1996	25	75-95	2D	regular	MSSCSP
A genetic algorithm for the two-dimensional strip-packing problem	Bortfeldt, A.			0		2D	regular	ODP
A hybrid genetic algorithm for the container loading problem	Bortfeldt, A.; Gehring, H.	European Journal of Operational Research	2001	131	143-161	3D		SKP
A parallel tabu search algorithm for solving the container loading problem	Bortfeldt, A.; Gehring, H.; Mack, D.	Parallel Computing	2003	29	641-662	3D		SLOPP
New lower bounds for the three-dimensional finite bin packing problem	Boschetti, M. A.	Discrete Applied Mathematics	2004	140	241-258	3D		SBSBPP
New upper bounds for the two-dimensional orthogonal non-guillotine cutting stock problem	Boschetti, M. A.; Mingozzi, A.	Journal of Management Mathematics	2002	13	95-119	2D	regular	SLOPP
The Two-Dimensional Finite Bin Packing Problem. Part I: New lower bounds for the oriented case	Boschetti, M. A.; Mingozzi, A.	4OR: Quarterly Journal of the Belgian, French and Italian Operations Research	2003	1	27-42	2D	regular	SBSBPP
The Two-Dimensional Finite Bin Packing Problem. Part II: New lower and upper bounds	Boschetti, M. A.; Mingozzi, A.	4OR: Quarterly Journal of the Belgian, French and Italian Operations Research	2003	1	135-147	2D	regular	SBSBPP
A Genetic Approach to the Marker Making Problem in Textile Manufacturing Industry	Bounsaythip, C. ; Maouche, S.	2nd Nordic Workshop on Genetic Algorithms (2NWGA)	1996		19-23	2D	irregular	ODP
Irregular Shape Nesting and Placing with Evolutionary Approach	Bounsaythip, C.; Maouche, S.	IEEE International Conference on Systems, Man and Cybernetics (SMC'97)	1997			2D	irregular	ODP
Rectangulars packing and planar graphs	Bronshtein, E. M.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		172-177	2D	regular	ODP
Ant Packing - An Ant Colony Optimization Approach for the One-Dimensional Bin Packing Problem	Brugger, B.; Doerner, K. F.; Hartl, R. F.; Reiman, M.	EvoCOP 2004, LNCS 3004	2004		41-50	1D		SBSBPP
The inverse-parametric knapsack problem	Burkard, R. E.; Pferschy, U.	European Journal of Operational Research	1995	83	376-393	1D		SKP
A New Placement Heuristic for the Orthogonal Stock-Cutting Problem	Burke, E. K.; Kendall, G.; Whitwell, G.	INFORMS Operations Research	2004	52	655-671	2D	regular	ODP
Applying ant algorithms and the no fit polygon to the nesting problem	Burke, E.; Kendall, G.	Advanced Topics in Artificial Intelligence - 12th Australian Joint Conference on	1999		453-464	2D	irregular	ODP
Applying Evolutionary Algorithms and the No Fit Polygon to the Nesting Problem	Burke, E.; Kendall, G.	IC-AI'99: The 1999 International Conference on Artificial Intelligence	1999			2D	irregular	ODP
Applying Simulated Annealing and the No Fit Polygon to the Nesting Problem	Burke, E.; Kendall, G.	WMC '99: World Manufacturing Congress	1999			2D	irregular	ODP
Evaluation of Two Dimensional Bin Packing Problem using the No Fit Polygon	Burke, E.; Kendall, G.	26th International Conference on Computers and Industrial Engineering	1999			2D	irregular	ODP
New Approach to Packing Non-Convex Polygons Using the No Fit Polygon and Meta-Heuristic and Evolutionary Algorit	Burke, E.; Kendall, G.	5th International Conference on Adapative Computing in Design and Manufactu	2002		193-204	2D	irregular	ODP
Computational Aspects of Hard Knapsack Problems	Caccetta, L.; Kulanoot, A.	Nonlinear Analysis	2001	47	5547-5558	1D		SKP
Computational Aspects of Hard Knapsack Problems	Caccetta, L.; Kulanoot, A.	Nonlinear Analysis	2001	47	5547-5558	1D		SLOPP
An extension of the orthogonal packing problem through dimensional flexibility	Callaghan, A. R.; Nair, A. R.; Lewis, K. E.	Proceedings of DETC'99	1999		1-7	2D	regular	ODP
Average-case analysis of a greedy algorithm for the 0/1 knapsack problem	Calvin, J. M.; Leung, J. Y.-T.	Operations Research Letters	2003	31	202-210	1D		SKP
Packing 2-Dimensional Bins in Harmony	Caprara, A.	Proceedings of the 23rd Annual Symposium on Foundations of Computer Scie	2002		490-499	2D	regular	SBSBPP
Lower bounds and algorithms for the 2-dimensional vector packing problem	Caprara, A.: Toth, P.	Discrete Applied Mathematics	2001	111	231-262	1D		SBSBPP
Approximation Schemes for Ordered Vector Packing Problems	Caprara, A.; Kellerer, H.; Pferschy, U.	APPROX-RANDOM	2000		63-75	1D		SBSBPP
Approximation Schemes for Ordered Vector Packing Problems	Caprara, A.; Kellerer, H.; Pferschy, U.	Naval Research Logistics	2003	50	58-69	1D		SBSBPP
Approximation algorithms for knapsack problems with cardinality constraints	Caprara, A.; Kellerer, H.; Pferschy, U.; Pisinger, D.	European Journal of Operational Research	2000	123	333-345	1D		SKP
On the two-dimensional Knapsack Problem	Caprara, A.; Monaci, M.	Operations Research Letters	2004	32	5-14	2D	regular	SKP
Worst-case analysis of the subset sum algorithm for bin packing	Caprara, A.; Pferschy, U.	Operations Research Letters	2004	32	159-166	1D		SBSBPP
Lower bounds and algorithms for the 2-dimensional vector packing problem	Caprara, A.; Toth, P.	Discrete Applied Mathematics	2001	111	231-262	1D		SBSBPP
Solving bicriteria 0-1 knapsack problems using a labeling algorithm	Captivo, M. E.; Clímaco, J.; Figueira, J.; Martins, E.; Santos, J. L.	Computers & Operations Research	2003	30	1865-1886	1D		SKP
A fractional algorithm for optimal cutting of lumber into dimension parts	Carnieri, C.; Mendoza, G. A.	Annals of Operations Research	2000	95	83-92	2D	regular	MSSCSP
Solving nesting problems with non-convex polygons by constraint logic programming	Carravilla, M. A.; Ribeiro, C.; Oliveira, J. F.	International Transactions in Operational Research	2003	10	651-663	2D	irregular	ODP
A tight lower bound for optimal bin packing	Chao, H.-Y.; Harper, M. P., Quong, R. W.	Operations Research Letters	1995	18	133-138	1D		SBSBPP
Application of GRASP to the Multiconstraint Knapsack Problem	Chardaire, P.; McKeown, G. P.; Maki, J. A.	Lecture Notes In Computer Science	2001	2037	30-39	1D		SKP
An improved lower bound for the bin packing problem	Chen, B.; Srivastava, B.	Discrete Applied Mathematics	1996	66	81-94	1D		SBSBPP
An analytical model for the container loading problem	Chen, C. S.; Lee, S. M.; Shen, Q. S.	European Journal of Operational Research	1995	80	68-76	3D		RBPP
A simulated annealing heuristic for the one-dimensional cutting stock problem	Chen, C.-L.; Hart, S. M.; Tham, W. M.	European Journal of Operational Research	1996	93	522-535	1D		MSSCSP
Concepts of neighbourhood and universal compact yield towards achieving best pattern layouts	Cheng, S. K.; Rao, K. P.	International Journal of Production Research	1999	37	3643-3658	3D	irregular	IIPP
Large-scale nesting of irregular patterns using compact neighborhood algorithm	Cheng, S. K.; Rao, K. P.	Journal of Materials Processing Technology	2000	103	135-140	2D	irregular	IIPP
Large-scale nesting of irregular patterns using compact neighborhood algorithm	Cheng, S. K.; Rao, K. P.	Journal of Materials Processing Technology	2000	103	135-140	2D	irregular	ODP
A container packing support system for determining and visualising container packing patterns	Chien, C.-F.; Deng, J.-F.	Decision Support Systems	2004	37	23-34	3D		SLOPP
A framework of modularized heuristics for Determining the container loading patterns	Chien, C.-F.; Wu, W.-T.	Computer & Industrial Engineering	1999	37	339-342	3D		SLOPP
A recursive computational procedure for container loading	Chien, C.-F.; Wu, W.-T.	Computers & Industrial Engineering	1998	35	319-322	3D		SLOPP
An Iterative Cutting Procedure for Determining the Optimal Wafer Exposure Pattern	Chien, Ch.-F.; Hsu, S.-Ch.; Chen, Ch.-P.	IEEE Transactions on Semiconductor Manufacturing	1999	12	375-377	3D		SLOPP
A global approach for the provision of bar pieces in a metallurgic firm	Chiotti, O. J. A.; Montagna, J. M.	Mathematical and Computer Modelling	1998	28	73-89	1D		MHLOPP
An exact algorithm for orthogonal 2-D cutting problems using guillotine cuts	Christofides, N.; Hadjiconstantinou, E.	European Journal of Operational Research	1995	83	21-38	2D	regular	SLOPP

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Variable-sized bin packing: Tight absolute worst-case performance ratios for four approximation algorithms	Chu, C. B.; La, R.	SIAM Journal on Computing	2001	30	2069-2083	1D		MBSBPP
A Genetic Algorithm for Multidimensional Knapsack Problem	Chu, P. C.; Beasley, J. E.	Journal of Heuristics	1998	4	63-86	1D		SKP
Constraint-based spatial representation technique for the container packing problem	Chua, C. K.; Narayanan, V.; Loh, J.	Integrated Manufacturing Systems	1998	9	23-33	3D		SLOPP
Improving competitiveness in veneers production by a simple-to-use DSS	Cižman, A.; Cernetic, J.	European Journal of Operational Research	2004	156	241-260	1D		RCSP
Bin Packing Approximation Algorithms: Combinatorial Analysis	Coffman Jr., E. G.; Galambos, G.; Martello, S.; Vigo, D.	Handbook of Combinatorial Optimization	1998			1D		SBSBPP
Approximation Algorithms for Bin Packing: A Survey	Coffman Jr., E. G.; Garey, M. R.; Johnson, D. S.	Approximation Algorithms for NP-Hard Problems	1996		46-93	1D		SBSBPP
Bin Packing with Discrete Item Sizes Part II: Tight Bounds on First Fit	Coffman Jr., E. G.; Johnson, D. S.; Shor, P. W.; Weber. R. R.	Random Structures and Algorithms	1997	10	69-110	1D		SBSBPP
Cylinder Packing by simulated annealing	Correia, M. H.; Oliveira, J. F.	Pesquisa Operacional	2000	20	269-286	2D	regular	IIPP
A new upper bound for the cylinder packing problem	Correia, M. H.; Oliveira, J. F.; Ferreira, J. S.	International Transactions in Operational Research	2001	8	571-583	2D	regular	IIPP
Bounded Space On-Line Bin Packing: Best Is Better than First	Csirik, J.: Johnson, D. S.	Algorithmica	2001	31	115-138	1D		SBSBPP
On the Sum-of-Squares Algorithm for Bin Packing	Csirik, J.; Johnson, D. S.; Kenyon, C.; Orlin, J. B.; Shor, P. W.; Weber,	Proceedings of the 32nd ACM Symposium on Theory of Computing	2000		208-217	1D		SBSBPP
A Self Organizing Bin Packing Heuristic	Csirik, J.; Johnson, D. S.; Kenyon, C.; Shor, P. W.; Weber, R. R.	Algorithm Engineering and Experimentation	1999		246-265	1D		SBSBPP
Resource augmentation for online bounded space bin packing	Csirik, J.; Woeginger, G. J.	Journal of Algorithms	2002	44	308-320	1D		SBSBPP
Generating optimal cutting patterns for rectangular blanks of a single size	Cui, Y.; Zhou, R.	Journal of the Operational Research Society	2002	53	1338-1346	2D	regular	IIPP
Constrainted two-dimensional cutting stock problems a best-first branch-and-bound algorithm	Cung, V.-D.; Hifi, M.; Le Cun, B.	International Transactions in Operational Research	2000	7	185-210	2D	regular	SLOPP
Multiple translational containment part I: An approximate algorithm	Daniels, K.; Milenkovic, V. J.	Algorithmica	1997	19	148-182	2D	irregular	ODP
Multiple Translational Containment: Approximate and Exact Algorithms	Daniels, K.; Milenkovic, V. J.	Sixth Annual ACM-SIAM Symposium on Discrete Algorithms (SODA)	1995		204-214	2D	irregular	ODP
Weight distribution considerations in container loading	Davies, A. P.; Bischoff, E. E.	European Journal of Operational Research	1999	114	509-527	3D		SLOPP
Exact solutions for constrained two-dimensional cutting problems	Daza, V. P.; Gómes de Alvarenga, A.; de Diego, J.	European Journal of Operational Research	1995	84	633-644	2D	regular	SLOPP
A Hybrid Genetic Algorithm for the Two-Dimensional Guillotine Cutting Problem	Daza, V. P.; Muñoz, R.; Gómes de Alvarenga, A.	Evolutionary Algorithms in Management Applications	1995		183-196	2D	regular	SLOPP
A greedy search for the three-dimensional bin packing problem: the packing static stability case	de Castro Silva, J. L.; Soma, N. Y.; Maculan, N.	International Transactions in Operational Research	2003	10	141-153	3D		SBSBPP
The Setting of Shelf Heights and the Distribution of Box Sizes in Two-dimensional Shelf Packing	de Jong, M. J.; Anderson, E. J.	International Transactions in Operational Research	1995	2	181-186	2D	regular	ODP
An approximation scheme for strip packing of rectangles with bounded dimensions	de la Vega, W. F.; Zissimopoulos, V.	Discrete Applied Mathematics	1998	82	93-101	2D	regular	ODP
Optimal Integer Solutions to Industrial Cutting-Stock Problems: Part 2, Benchmark Results	Degraeve, Z.; Peeters, M.	Journal on Computing	2003	15/1	58-81	1D		SSSCSP
Optimal Integer Solutions to Industrial Cutting Stock Problems	Degraeve, Z.; Schrage, L.	Journal on Computing	1999	11	406-419	1D		SSSCSP
A Mixed Integer Programming Model for Solving a Layout Problem in the Fashion Industry	Degraeve, Z.; Vandebroek, M.	Management Science	1998	44	301-310	2D	irregular	SSSCSP
A lower bound for the non-oriented two-dimensional bin packing problem	Dell'Amico, M.; Martello, S.; Vigo, D.	Discrete Applied Mathematics	2002	118	13-24	2D	regular	SBSBPP
Bridging Gap Between Standard and Differential Polynomial Approximation: The Case of Bin-Packing	Demange, M.; Monnot, J.; Paschos, C. T.	Applied Mathematics Letters	1999	12	127-133	1D		SBSBPP
A moment based metric for 2-D and 3-D packing	Dickinson, J. K.; Knopf, G. K.	European Journal of Operational Research	2000	122	133-144	1D	irregular	SKP
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A moment based metric for 2-D and 3-D packing	Dickinson, J. K.; Knopf, G. K.	European Journal of Operational Research	2000	122	133-144	3D	irregular	SKP
A new approach for the solution of the two-dimensional guillotine-cutting problem in ship production	Dikili, A. C.	Ocean Engineering	2004	31	1193-1203	2D	regular	SSSCSP
The average behaviour of greedy algorithms for the knapsack problem: General distributions	Diubin, G.; Korbut, A.	Mathematical Methods of Operations Research	2003	57	449-479	1D		SKP
Two-dimensional packing algorithms for layout of disconnected graphs	Dogrusoz, U.	Information Sciences	2002	143	147-158	2D	regular	ODP
Solution approaches to irregular nesting problems	Dowsland, K. A.; Dowsland, W. B.	European Journal of Operational ResearchEuropean Journal of Operational Re	1995	84	506-521	2D	irregular	IIPP
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Jostling for position: local improvement for irregular cutting patterns	Dowsland, K. A.; Dowsland, W. B.; Bennell, J. A.	Journal of the Operational Research Society	1998	49	647-658	2D	irregular	ODP
An algorithm for polygon placement using a bottom-left strategy	Dowsland, K. A.; Vaid, S.; Dowsland, W. B.	European Journal of Operational Research	2002	141	371-381	2D	irregular	ODP
Decision support tools for packing problems	Dowsland, W. B.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		250-260	2D	regular	IIPP
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Improving palletisation efficiency - the theoretical basis and practical application	Dowsland, W. B.	International Journal of Production Research	1995	33	2213-2222	2D	regular	IIPP
Decompositional algorithms for linear cutting problems decision	Dvoriashina, T. P.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		48-52	1D		SBSBPP
Polytopes, permutation shapes and bin packing	Eisenstein-Taylor, M. A.	Advances in Applied Mathematics	2003	30	96-109	1D		SBSBPP
A bottleneck assignment approach to the multiple container loading problem	Eley, M.	OR Spectrum	2003	25	45-60	3D		MSSCSP
A bottleneck assignment approach to the multiple container loading problem	Eley, M.	OR-Spectrum	2003	25	45-60	3D		MHLOPP
Solving container loading problems by block arrangement	Eley, M.	European Journal of Operational Research	2002	141	393-409	3D		SLOPP
Solving container loading problems by block arrangement	Eley, M.	European Journal of Operational Research	2002	141	393-409	3D		SSSCSP
Two dimensional packing: the power of roation	Epstein, L.	MFCS	2003		398-407	2D	regular	SBSBPP

title	authors	journal	year	volume/	pages	dimen	shape	abbreviation
Approximation Multiobjective Knapsack Problems	Erlebach, T.; Kellerer, H.; Pferschy, U.	Management Science	2002	48/12	1603-1612	1D		SBSBPP
Cost Based Filtering for the Constrained Knapsack Problem	Fahle, T.; Sellmann, M.	Annals of Operations Research	2002	115	73-93	1D		SKP
A global optimization algorithm for the three-dimensional packing problem	Faina, L.	European Journal of Operational Research	2000	126	340-354	3D		ODP
An application of simulated annealing to the cutting stock problem	Faina, L.	European Journal of Operational Research	1999	114	542-556	2D	regular	SSSCSP
A Hybrid Grouping Genetic Algorithm for Bin Packing	Falkenauer, E.	Journal of Heuristics	1996	2	5-30	1D		SBSBPP
On Method Overfitting	Falkenauer, E.	Journal of Heuristics	1998	4	281-286	1D		SBSBPP
Guided Local Search for the Three-Dimensional Bin-Packing Problem	Faroe, O.; Pisinger, D.; Zachariasen, M.	Journal on Computing	2003	15	267-283	3D		SBSBPP
An efficient approach for large-scale two-dimensional guillotine cutting stock problems	Fayard, D.; Hifi, M.; Zissimopoulos, V.	Journal of the Operational Research Society	1998	49	1270-1277	2D	regular	SLOPP
An approximation algorithm for solving unconstrained two-dimensional knapsack problems	Fayard, D; Zissimopoulos; V.	European Journal of Operational Research	1995	84	618-632	2D	regular	SLOPP
New classes of fast lower bounds for bin packing problems	Fekete, S. P.; Schepers, J.		2001	91	11-31	3D		SBSBPP
New classes of lower bounds for bin packing problems	Fekete, S. P.; Schepers, J.	Integer Programming and Combinatorial Optimization	1998		257-270	3D		SBSBPP
An approximation scheme for strip packing of rectangles with bounded dimensions	Fernández de la Vega, R.; Zissimopoulos, V.	Discrete Applied Mathematics	1998	82	93-101	2D	regular	ODP
Packing of Squares into Squares	Ferreira, C. E.; Miyazawa, F. K.; Wakabayashi, Y.	Pesquisa Operacional	1999	19	223-237	2D	regular	SBSBPP
Employing subgroup evolution for irregular-shape nesting	Fischer, A. D.; Dagli, C. H.	Journal of Intelligent Manufacturing	2004	15	187-199	2D	irregular	ODP
New heuristics for one-dimensional bin-packing	Fleszar, K.; Hindi, K. S.	Computers & Operations Research	2002	29	821-839	1D		SBSBPP
Pattern reduction in one-dimensional cutting stock problems	Foerster, H.; Wäscher, G.	International Journal of Production Research	2000	38	1657-1676	1D		SSSCSP
A statistical analysis of the knapsack problem	Fontanari, J. F.	Journal of Physics A: Mathematical and General	1995	28	4751-4759	1D		SKP
Global optimization and multi knapsack: A percolation algorithm	Fortin, D.; Tsevendorj, I.	European Journal of Operational Research	2004	154	46-56	1D		SKP
A fast algorithm for two-dimensional pallet loading problems of larger size: Theory and Methodology	G, Y.-G.; Kang, M.-K.	European Journal of Operational Research	2001	134	193-202	2D	regular	IIPP
A new upper bound for unconstrained two-dimensional cutting and packing	G, Y.-G.; Kang, M.-K.	Journal of the Operational Research Society	2002	53	587-591	2D	regular	SLOPP
A best-first branch and bound algorithm for unconstrained two-dimensional cutting problems	G, Y.-G.; Seong, Y.-J.; Kang, M.-K.	Operations Research Letters	2003	31	301-307	2D	regular	SLOPP
A scheme for exact separation of extended cover inequalities and application to multidimensional knapsack problems	Gabrel, V.; Minoux, M.	Operations Research Letters	2002	30	252-264	1D		SKP
The Cutting Stock Problem: a new model based on hypergraph flows	Gambale, M.; Nonato, M.;Scutellà, M. G.	Ricerca Operativa	1995	25	73-97	1D		RCSP
CUTGEN1: A problem generator for the Standard One-dimensional Cutting Stock Problem	Gau, T.; Wäscher, G.	European Journal of Operational Research	1995	84	572-579	1D		SSSCSP
A genetic algorithm for solving the container loading problem	Gehring, H.; Bortfeldt, A.	International Transactions in Operations Research	1997	4	401-418	3D		SKP
A parallel genetic algorithm for solving the container loading problem	Gehring, H.; Bortfeldt, A.	International Transactions in Operational Research	2002	9	497-511	3D		SKP
Heuristics and lower bounds for he bin packing problem with conflicts	Gendreau, M.; Laporte, G.; Semet, F.	Computers & Operations Research	2004	31	347-358	1D		SBSBPP
A Response to "On method overfitting"	Gent, I. P.	Journal of Heuristics	1999	5	109-111	1D		SBSBPP
Multiple container packing: A case study of pipe packing	George, J. A.	Journal of the Operational Research Society	1996	47	1098-1109	3D		SSSCSP
Packing different-sized circles into a rectangular container	George, J. A.; George, J. M.; Lamar, B. W.	European Journal of Operational Research	1995	84	693-712	2D	regular	SKP
Bin packing: Asymptotically exact approach	Gimadi, E. K.; Zalyubovskii, V. V.	Russian Mathematics	1997	41	25-33	1D		SBSBPP
Tho problem of strip packing: an asymptotically exact approach	Gimadi, E. K.; Zalyubovskii, V. V.; Sharygin, P. I.	Russian Mathematics	1997	41/12	34-44	2D	regular	ODP
A 2-exchange heuristic for nesting problems	Gomes, A. M.; Oliveira, J. F.	European Journal of Operational Research	2002	141	359-370	2D	irregular	ODP
A GRASP Approach to the Nesting Problem	Gomes, A. M.; Oliveira, J. F.	MIC'2001 - 4th Metaheuristics International Conference	2001		47-52	2D	irregular	ODP
Nesting Irregular with Irregular Shapes	Gomes, A. M.; Oliveira, J. F.	MIC'99 - Metaheuristics International Conference	1999		235-239	2D	irregular	ODP
Solving the Packing and Strip-Packing Problems with Genetic Algorithm	Gomez, A.; de al Fuente, D.	Lecture Notes in Computer Science	1999	1606	709-718	2D	regular	ODP
Resolution of strip-packing problems with genetic algorithms	Gomez, A.; de la Fuente, D.	Journal of the Operational Research Society	2000	51	1289-1295	2D	regular	ODP
On the Effectivity of Evolutionary Algorithms for the Multidimensional Knapsack Problem	Gottlieb, J.	Lecture Notes in Computer Science	2000	1829	23-37	1D		SKP
Optimization of roll cutting in clothing industry	Gradišar, M.; Jesenko, J.; Resinovic, G.	Computers & Operations Research	1997	24	945-953	1D		RCSP
A sequential heuristic procedure for one-dimensional cutting	Gradišar, M.; Kljajic, M.; Resinovic, G.; Jesenko, J.	European Journal of Operational Research	1999	114	557-568	1D		MHLOPP
A sequential heuristic procedure for one-dimensional cutting	Gradišar, M.; Kljajic, M.; Resinovic, G.; Jesenko, J.	European Journal of Operational Research	1999	114	557-568	1D		RCSP
A hybrid approach for optimization of one-dimensional cutting	Gradišar, M.; Resinovic, G.; Kljajic, M.	European Journal of Operational Research	1999	119	719-728	1D		MSSCSP
Evaluation of algorithms for one-dimensional cutting	Gradišar, M.; Resinovic, G.; Kljajic, M.	Computers & Operations Research	2002	29	1207-1220	1D		RCSP
A method of rolled material cutting	Grigochouk, T. I.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		86-92	2D	regular	RCSP
Approximate minimization algorithms for the 0/1 Knapsack and Subset-Sum Problem	Güntzer, M. M.; Jungnickel, D.	Operations Research Letters	2000	26	55-66	1D		SKP
A new heuristic algorithm for the one-dimensional bin-packing problem	Gupta, J. N. D.; Ho, J. C.	Production Planning & Control	1999	10	598-603	1D		SBSBPP
An exact algorithm for general, orthogonal, two-dimensional knapsack problems	Hadjiconstantinou, E.; Christofides, N.	European Journal of Operational Research	1995	83	39-56	2D	regular	SLOPP
An efficient tabu search approach for the 0-1 multidimensional knapsack problem	Hanafi, S.; Freville, A.	European Journal of Operational Research	1998	106	659-675	1D		MHKP

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Using surrogate constraints in genetic algorithms for solving multidimensional knapsack problems	Haul, C.; Voß, S.	Interfaces in Computer Science and Operations Research	1998		235-251	1D		SKP
A Local Optimization-based Solution to the Rectangle Layout Problem	Healy, P.; Moll, R.	Journal of the Operational Research Society	1996	47	523-537	2D	regular	SKP
A Simulated Annealing Approach to the Nesting Problem in the Textile Manufacturing-Industry	Heckmann, R.; Lengauer, T.	Annals of Operations Research	1995	57	103-133	2D	irregular	ODP
Computing closely matching upper and lower bounds on textile nesting problems: Theory and Methodology	Heckmann, R.; Lengauer, T.	European Journal of Operational Research	1998	108	473-489	2D	irregular	ODP
A family of genetic algorithms for the pallet loading problem	Herbert, E. A.; Dowsland, K. A.	Annals of Operations Research	1996	63	415-436	2D	regular	IIPP
An improvement of Viswanathan and Bagchi's exact algorithm for constrained two-dimensional cutting stock	Hifi, M.	Computers & Operations Research	1997	24	727-736	2D	regular	SLOPP
Approximate algorithms for the container loading problem	Hifi, M.	International Transactions in Operational Research	2002	9	747-774	3D		SLOPP
Dynamic Programming and Hill-Climbing Techniques for Constrained Two-Dimensional Cutting Stock Problems	Hifi, M.	Journal of Combinatorial Optimization	2004	8	65-84	2D	regular	SLOPP
Exact Algorithms for Large-Scale Unconstrained Two and Three Staged Cutting Problems	Hifi, M.	Computational Optimization and Applications	2001	18	63-88	2D	regular	SLOPP
Exact Algorithms for Large-Scale Unconstrained Two and Three Staged Cutting Problems	Hifi, M.	Computational Optimization and Applications	2001	18	63-88	3D		SLOPP
Exact Algorithm for the Guillotine Strip Cutting/Packing Problem	Hifi, M.	Computers Ops Res.	1998	2	925-940	2D	regular	ODP
Exact algorithms for unconstrained three-dimentional cutting problems: a comparative study	Hifi, M.	Computers & Operations Research	2004	31	657-674	3D		SLOPP
The DH/KD algorithm: a hybrid approach for unconstrained two-dimensional cutting problems	Hifi, M.	European Journal of Operational Research	1997	97	41-52	2D	regular	SLOPP
The Strip Cutting/Packing Problem: Incremental Substrip Algorithms-Based Heuristics	Hifi, M.	Pesquisa Operacional	1999	19	169-188	2D	regular	ODP
A Best-Local Position Procedure-Based Heuristic for Two-Dimensional Layout Problems	Hifi, M.; M'Hallah, R.	Studia INFORMATICA UNIVERSALIS	2001	2	33-56	2D	irregular	ODP
A Best-Local Position Procedure-Based Heuristic for Two-Dimensional Layout Problems	Hifi, M.; M'Hallah, R.	Studia INFORMATICA UNIVERSALIS	2001	2	33-56	2D	regular	ODP
A hybrid algorithm for the two-dimensional layout problem: the cases of regular and irregular shapes	Hifi, M.; M'Hallah, R.	International Transactions in Operational Research	2003	10	195-216	2D	irregular	ODP
Approximate algorithms for constrained circular cutting problems	Hifi, M.; M'Hallah, R.	Computers & Operations Research	2004	31	675-694	2D	regular	SLOPP
A Best-first Branch-and-bound Algorithm for Orthogonal Rectangular Packing Problems	Hifi, M.; Ouafi, R.	International Transactions in Operational Research	1998	5	345-356	2D	regular	ODP
A simulated annealing approach for the circular cutting problem	Hifi, M.; Paschos, C. Th.; Zissimopoulos, V.	European Journal of Operational Research	2004	159	430-448	2D	regular	SLOPP
Approximate and Exact Algorithms for Constrained (Un) Weighted Two-dimensional Two-staged Cutting Stock Proble	Hifi, M.; Roucairol, C.	Journal of Combinatorial Optimization	2001	5	465-494	2D	regular	SKP
A recursive exact algorithm for weighted two-dimensional cutting	Hifi, M.; Zissimopoulos, V.	European Journal of Operational Research	1996	91	553-564	2D	regular	SKP
Constrained two-dimensional cutting: an improvement of Christofides and Whitlock's exact algorithm	Hifi, M.; Zissimopoulos, V.	Journal of the Operational Research Society	1997	48	324-331	2D	regular	SLOPP
Improvement in the Herz recursive algorithm for the two-dimensional cutting stock problem	Hifi, M.; Zissimopoulos, V.	RAIRO - Recherche Operationnelle - Operations Research	1996	30	111-125	2D	regular	SLOPP
Best-first search and dynamic programming methods for cutting problems: the cases of one or more stock plates	Hifi, M; Ouafi, R.	Computers & Industrial Engineering	1997	32	187-205	2D	regular	SKP
The Effects of Coefficient Correlation Structure in Two-Dimensional Knapsack Problems on Solution Procedure Perfor	Hill, R. R.; Reilly, C. H.	Management Science	2000	46	302-317	1D		SKP
Representation, Constraint Satisfaction and the Knapsack Problem	Hinterding R.	Proceedings of the Congress on Evolutionary Computation	1999	3	1286-1292	1D		SKP
Genetic Algorithms for Cutting Stock Problems: with and without Contiguity	Hinterding, R. Khan, L.	Lecture Notes in Computer Science	1995	956	166-186	1D		MSSCSP
Decomposition approaches for solving the integer one-dimensional cutting stock problem with different types of standar	Holthaus, O.	European Journal of Operational Research	2002	141	295-312	1D		MSSCSP
A system of optimizing nesting with analogical learning mechanism	Hong, L.; Guangzhou, Z. et al	Computers & Industrial Engineering	1997	32	713-725	2D	irregular	MIKP
Two-dimensional Packing utilising Evolutionary Algorithms and other Meta-Heuristic Methods	Hopper, E.		2000		123-136	2D	regular	ODP
A Genetic Algorihm for a 2D Indusrial Packing Problem	Hopper, E.; Turton, B.	Computers & Industrial Ingineering	1999	37	375-378	2D	regular	ODP
A Review of the Application of Meta-Heuristic Algorithms to 2D Strip Packing Problems	Hopper, E.; Turton, B. C. H.	Artificial Intelligence Review	2001	16	257-300	2D	irregular	ODP
A Review of the Application of Meta-Heuristic Algorithms to 2D Strip Packing Problems	Hopper, E.; Turton, B. C. H.	Artificial Intelligence Review	2001	16	257-300	2D	regular	ODP
An empirical investigation of meta-heuristic and heuristic algorithms for a 2D packing problem	Hopper, E.; Turton, B. C. H.	European Journal of Operational Research	2001	128	34-57	2D	regular	ODP
An Empirical Study of meta-Heuristics Applied to 2D Rectangular Bin Packing	Hopper, E.; Turton, B. C. H.	Studia INFORMATICA UNIVERSALIS	2001	2	77-106	2D	regular	MBSBPP
Problem Generators for Rectangular packing problems	Hopper, E.; Turton, B. C. H.	Studia INFORMATICA UNIVERSALIS	2001	2	123-136	2D	regular	MHKP
Problem Generators for Rectangular packing problems	Hopper, E.; Turton, B. C. H.	Studia INFORMATICA UNIVERSALIS	2001	2	123-136	2D	regular	ODP
A three-dimensional algorithm using two-dimensional slice data for building multiple parts in layered manufacturing	Hur, J.; Lee, K.; Ahn, J.; Lee, H. C.	Institution of Mechanical Engineers Part B - Journal of Engineering Manufactur	2000	214	365-378	3D	irregular	SKP
Application of genetic algorithms for bin packing	Hussain, S. A.; Sastry, V. U. K.	Intern. J. Computer Math.	1997	63	203-214	1D		SBSBPP
Continuous models and methods of rectangular guillotine stock cutting	Ibatullina, C. M.; Karamova, L. M.; Nikulshina, L. M.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		72-85	2D	regular	RCSP
The Nesting of Two-Dimensional Shapes Using Genetic Algorithms	Ismail, H. S.; Hon, K. K. B.	Institution of Mechanical Engineers Part B - Journal of Engineering Manufactur	1995	209	115-124	2D	irregular	ODP
Two-Dimensional Packing Problems Using Genetic Algorithms	Jain, S.; Gea, H. Ch.	Engineering with Computers	1998	14	206-213	2D	irregular	ODP
On genetic algorithms for the packing of polygons	Jakobs, S.	European Journal of Operational Research	1996	88	165-181	2D	regular	ODP
An Approximation Scheme for Bin Packing with Conflicts	Jansen, K.	Journal of Combinatorial Optimization	1999	3	363-377	1D		SBSBPP
A Hybrid Algorithm Based on PSO and SA and Ist Application for Two-Dimensional Non-guillotine Cutting Stock Proble	Jiang, J. Q.; Liang, Y. C.; Shi, X. H., Lee, H. P.	Lecture Notes in Computer Science	2004	3037	666-669	2D	regular	SKP
A Three-Dimensional Bin Packing Problem and Ist Practical Algorithm	Jin, Z.; Ito, T.; Ohno, K.	JSME International Journal	2003	46	60-66	3D		SBSBPP
A note on dominance in unbounded knapsack problems	Johnston, R. E.; Khan, L. R.	Asia-Pacific Journal of Operational Research	1995	12	145-160	2D	regular	SKP

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A new model for complete solutions to one-dimensional cutting stock problems	Johnston, R. E.; Sadinlija, E.	European Journal of Operational Research	2004	153	176-183	1D		SSSCSP
Algorithms for the variable sized bin packing problem	Kang, J.; Park, S.	European Journal of Operational Research	2003	147	365-372	1D		MBSBPP
Method of rectangular packing calculation	Kartac, V.; Mukhametzyanov, R.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		178-187	2D	regular	ODP
Combinatorial algorithms for solving linear cutting problems	Kartack, V. M.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		33-40	1D		MSSCSP
Combinatorial algorithms for solving linear cutting problems	Kartack, V. M.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		33-40	1D		RCSP
Sufficient conditions for the integer round-up property to be violated for the linear cutting stock problem	Kartak, V. M.	Automation and Remote Control	2004	65	407-412	1D		SSSCSP
A Polynomial Time Approximation Scheme for the Multiple Knapsack Problem	Kellerer, H.	Lecture Notes In Computer Science	1999	1671	51-62	1D		MIKP
An approximation algorithm with absolute worst-case performance ration 2 for two-dimensional vector packing	Kellerer, H.; Kotov, V.	Operations Research Letters	2003	31	35-41	1D		SBSBPP
An efficient fully polynomial approximation scheme for the Subset-Sum Problem	Kellerer, H.; Mansini, R.; Pferschy, U.; Speranza, M. G.	Journal of Computer and Systems Sciences	2003	66	349-370	1D		SKP
A New Fully Polynomial Time Approximation Scheme for the Knapsack Problem	Kellerer, H.; Pferschy, U.	Journal of Combinatorial Optimization	1999	3	59-71	1D		SKP
Cardinality constrained bin-packing problems	Kellerer, H.; Pferschy, U.	Annals of Operations Research	1999	92	335-348	1D		SBSBPP
A near-optimal solution to a two-dimensional cutting stock problem	Kenyon, C.; Rémila, E.	Mathematics of Operations Research	2000	25	645-656	2D	regular	ODP
Fuzzy bin packing problem	Kim, J.-K.; Lee-Kwang, H.; Yoo, S. W.	Fuzzy sets and systems	2001	120	429-434	2D	regular	ODP
Automatic two-dimensional layout using a rule-based heuristic algorithm	Kim, Y.; Gotoh, K.	Journal of Marine Science and Technology	2003	8	37-46	2D	irregular	ODP
Interactive procedures in large-scale two-dimensional cutting stock problems	Klempous, R.; Kotowski, J. et al	Journal of Computational and Applied Mathematics	1996	66	323-331	2D	regular	MSSCSP
Average performance of greedy heuristics for the integer knapsack problem	Kohli, R.; Krishnamurti, R.; Mirchandani, P.	European Journal of Operational Research	2004	154	36-45	1D		SKP
Cutting stock problem: a heuristic solution based on operators' intuitive strategies	Kopardekar, P.; Mital, A.	International Journal of Computer Integrated Manufacturing	1999	12	371-382	2D	irregular	SKP
Cutting stock problem: a heuristic solution based on operators' intuitive strategies	Kopardekar, P.; Mital, A.	International Journal of Computer Integrated Manufacturing	1999	12	371-382	2D	irregular	SLOPP
Cutting optimization with variable-sized stock and inventory status data	Kos, L.; Duhovnik, J.	International Journal of Production Research	2002	40	2289-2301	1D		RBPP
Guillotineable bin packing: A genetic approach	Kröger, B.	European Journal of Operational Research	1995	84	645-661	2D	regular	ODP
Upper bounds and algorithms for the maximum cardinality bin packing problem	Labbé, M.; Laporte, G.; Martello, S.	European Journal of Operational Research	2003	149	490-498	1D		MIKP
Container Packing in a Multi-Customer Delivering Operation	Lai, K. K. Xue, J.; Xu, B.	Computers & Industrial Engineering	1998	35	3323-326	3D		ODP
Developing a simulated annealing algorithm for the cutting stock problem	Lai, K. K.; Chan, J. W. M.	Computers ind. Engng.	1996	32/1	115-127	2D	regular	SKP
Developing a simulated annealing algorithm for the cutting stock problem	Lai, K. K.; Chan, J. W. M.	Computers ind. Engng.	1996	32/1	115-127	3D		SKP
An evolutionary algorithm for the rectangular cutting stock problem	Lai, K. K.; Chan, W. M.	International Journal of Industrial Engineering	1997	4	130-139	2D	regular	SKP
Nesting of two-dimensional irregular parts using a shape reasoning heuristic	Lamousin, H.; Waggenspack Jr., W. N.	Computer-Aided Design	1997	29	221-238	2D	irregular	SKP
Exhaustive approaches to 2D rectangular perfect packings	Lesh, N.; Marks, J.	Information Processing Letters	2004	90	7-14	2D	regular	ODP
Analysis of upper bound for the Pallet Loading Problem	Letchford, A. N.; Amaral, A.	European Journal of Operational Research	2001	132	582-593	2D	regular	IIPP
Application of a mixed simulated annealing-genetic algorithm heuristic for the two-dimensional orthogonal packing probl	Leung, T. W.; Chan, C. K.; Troutt, M. D.	European Journal of Operational Research	2003	145	53-542	2D	regular	SKP
Applications of genetic search and simulated annealing to the two-dimensional non-guillotine cutting stock problem	Leung, T. W.; Yung, C. H.; Troutt, M. D.	Computers & Industrial Engineering	2001	40	201-214	2D	regular	SKP
Path Tracing in Genetic Algorithms Applied to the Multiconstrained Knapsack Problem	Levenhagen, J.; Bortfeldt, A.; Gehring, H.	Lecture Notes In Computer Science	2001	2037	40-49	1D		SKP
Ant colony optimization and local search for bin packing and cutting stock problems	Levine, J.; Ducatelle, F.	Journal of the Operational Research Society	2004	55	705-716	1D		SBSBPP
Ant colony optimization and local search for bin packing and cutting stock problems	Levine, J.; Ducatelle, F.	Journal of the Operational Research Society	2004	55	705-716	1D		SSSCSP
An approximately global optimization method for assortment problem	Li, H.-L.; Chang, Ch.-T.	European Journal of Operational Research	1998	105	604-612	2D	regular	ODP
Compaction and separation algorithms for non-convex polygons and their applications	Li, Z.; Milenkovic, V.	European Journal of Operational Research	1995	84	539-561	2D	irregular	ODP
A new evolutionary approach to cutting stock problems with and without contiguity	Liang, K.-H.; Yao, X.; Newton, C.; Hoffman, D.	Computers & Operations Research	2002	29	1641-1659	1D		MSSCSP
A multi-faced buildup algorithm for three-dimensional packing problems	Lim, A.; Rodrigues, B.; Wang, Y.	Omega	2003	31	471-481	3D		SBSBPP
An L-approach for packing (l, w)-rectangles into rectangular and L-shaped pieces	Lins, L.; Lins, S.; Morabito, R.	Journal of the Operational Research Society	2003	54	777-789	2D	regular	SKP
An n-tet graph approach for non-guillotine packings of n-dimensional boxes into an n-container	Lins, L.; Lins, S.; Morabito, R.	European Journal of Operational Research	2002	141	421-439	3D		IIPP
An improved BL-algorithm for genetic algorithm of the orthogonal packing of rectangles	Liu, D.; Teng, H.	European Journal of Operational Research	1999	112	413-420	2D	regular	ODP
A three-dimensional pallet loading method for single-size boxes	Liu, F.-H. F.; Hsiao, C.-J.	Journal of the Operational Research Society	1997	48	726-735	3D		IIPP
A system of optimizing nesting with analogical learning mechanism	Liu, H.; Zeng, G. Z.	Computers & Industrial Engineering	1997	32	713-725	2D	regular	MILOPP
Multi-Dimensional Packing by Tabu Search	Lodi, A.	Studia INFORMATICA UNIVERSALIS	2001	2	107-122	2D	regular	SBSBPP
Approximation algorithms for the oriented two-dimensional bin packing problem	Lodi, A.; Martello, S.; Vigo, D.	European Journal of Operational Research	1999	112	158-166	2D	regular	SBSBPP
Heuristic algorithms for the three-dimensional bin packing problem	Lodi, A.; Martello, S.; Vigo, D.	European Journal of Operational Research	2002	141	410-420	3D		SBSBPP
Heuristic and Metaheuristic Approaches for a Class of Two-Dimensional Bin Packing Problems	Lodi, A.; Martello, S.; Vigo, D.	Journal on Computing	1999	11	345-357	2D	regular	SBSBPP
Models and Bounds for Two-Dimensional Level Packing Problems	Lodi, A.; Martello, S.; Vigo, D.	Journal of Combinatorial Optimization	2004	8	363-379	2D	regular	ODP
Models and Bounds for Two-Dimensional Level Packing Problems	Lodi, A.; Martello, S.; Vigo, D.	Journal of Combinatorial Optimization	2004	8	363-379	2D	regular	SBSBPP

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Neighborhood search algorithm for the guillotine non-oriented two-dimensional bin packing problem	Lodi, A.; Martello, S.; Vigo, D.	Meta-Heuristics: Advances and Trends in Local Search Paradigms for Optimiza	1999		125-139	2D	regular	SBSBPP
Recent advances on two-dimensional bin packing problems	Lodi, A.; Martello, S.; Vigo, D.	Discrete Applied Mathematics	2002	123	379-396	2D	regular	SBSBPP
Integer linear programming models for 2-staged two-dimensional Knapsack problems	Lodi, A.; Monaci, M.	Mathematical Programming	2003	94	257-278	2D	regular	SLOPP
Average-Case Analysis of Off-Line and On-Line Knapsack Problems	Lueker, G., S.	Journal of Algorithms	1998	29	277-305	1D		SKP
A parallel hybrid local search algorithm for the container loading problem	Mack, D.; Bortfeldt, A.; Gehring, H.	International Transactions in Operational Research	2004	11	511-533	3D		SLOPP
An Exact Approach to the Strip-Packing Problem	Martello, S.; Monaci, M.; Vigo, D.	Journal on Computing	2003	15	310-319	2D	regular	ODP
Dynamic Programming and Strong Bounds for the 0-1 Knapsack Problem	Martello, S.; Pisinger, D.; Toth, P.	Management Science	1999	45	414-424	1D		SKP
New trends in exact algorithms for the 0-1 knapsack problem	Martello, S.; Pisinger, D.; Toth, P.	European Journal of Operational Research	2000	123	325-332	1D		SKP
The Three-Dimensional Bin Packing Problem	Martello, S.; Pisinger, D.; Vigo, D.	Operations Research	2000	48	256-267	3D		SBSBPP
An exact algorithm for the two-constraint 0-1 knapsack problem	Martello, S.; Toth, P.	Operations Research	2003	51	826-835	1D		SKP
Upper Bounds and Algorithms for Hard 0-1 Knapsack Problems	Martello, S.; Toth, P.	Operations Research	1997	45	768-778	1D		SKP
Exact Solution of the Two-Dimensional Finite Bin Packing Problem	Martello, S.; Vigo, D.	Management Science	1998	44	388-399	2D	regular	SBSBPP
Geometrical Objects Regular Placement onto a Stock Sheet or Strip	Martynov, V.	Pesquisa Operational	1999	19	211-222	2D	irregular	ODP
Packing of flat geometric objects in a strip on the basis of a permissible allocation area definition method	Martynov, V.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		296-305	2D	irregular	ODP
About the approaches to development computer-aided cutting systems on the bases of plane figures allocating algorith	Martynov, V.; Mukhtarov, A. R.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		323-328	2D	irregular	SKP
Multiple translation containment part II: Exact algorithms	Milenkovic, V.	Algorithmica	1997	19	183-218	2D	irregular	ODP
Rotational polygon containment and minimum enclosure using only robust 2D constructions	Milenkovic, V. J.	Computational Geometry - Theory and Applications	1999	13	3-19	2D	irregular	ODP
An Algorithm for the Three-Dimensional Packing Problem with Asymptotic Performance Analysis	Miyazawa, F. K.; Wakabayashi	Algorithmica	1997	18	122-144	3D		ODP
Approximation algorithms for the orthogonal z-oriented three-dimensional packing	Miyazawa, F. K.; Wakabayashi, Y.	SIAM Journal on Computing	1999	29	1008-1029	3D		ODP
Approximation algorithms for the orthogonal Z-oriented three-dimensional packing problem	Miyazawa, F. K.; Wakabayashi, Y.	SIAM Journal on Computing	2000	29	1008-1029	3D		ODP
Cube packing	Miyazawa, F. K.; Wakabayashi, Y.	LATIN 2000: Theoretical Informatics	2000	1776	58-67	3D		SBSBPP
Algorithms for packing and scheduling problems	Monaci, M.	4OR	2003	1	85-87	2D	regular	ODP
Algorithms for packing and scheduling problems	Monaci, M.	4OR	2003	1	85-87	2D	regular	SBSBPP
Optimizing the cutting of stock plates in a furniture company	Morabito, R.; Arenales, M. N.	International Journal of Production Research	2000	38	2725-2742	2D	regular	MSSCSP
Performance of two heuristics for solving large scale two-dimensional guillotine cutting problems	Morabito, R.; Arenales, M. N.	Information Systems and Operational Research	1995	33	145-155	2D	regular	SLOPP
Staged and constrained two-dimensional guillotine cutting problems: An AND/OR-graph approach	Morabito, R.; Arenales, M. N.	European Journal of Operational Research	1996	94	548-560	2D	regular	MSSCSP
A Tight Lagrangean Relaxation Bound for the Manufacturer's Pallet Loading Problem	Morabito, R.; Farago, R.	Studia INFORMATICA UNIVERSALIS	2001	2	57-76	2D	regular	IIPP
A simple and effective recursive procedure for the manufacturer's pallet loading problem	Morabito, R.; Morales, S.	Journal of the Operational Research Society	1998	49	819-828	2D	regular	IIPP
A cutting stock procedure for printed circuit board production	Mornar, V.; Khoshnevis, B.	Computers & Industrial Engineering	1997	32	57-66	2D	regular	MSSCSP
An Algorithm for the Multidimensional Multiple-Choice Knapsack Problem	Moser, M.; Jokanovic, D. P.; Shiratori, N.	IEICE Transactions Fundamentals	1997	E80-A	582-589	1D		SKP
One-dimensional bin packing problem. Models and methods	Mukhacheva, E. A.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		7-15	1D		SBSBPP
Linear One-dimensional Cutting-Packing Problems: Numerical Experiments with the Sequential Value Correction Metho	Mukhacheva, E. A.; Belov, G. N. et al	Pesquisa Operacional	2000	20	153-168	1D		SBSBPP
The rectangular packing problem: Local optimum search methods based on block structures	Mukhacheva, E. A.; Mukhacheva, A. S.	Automation and Remote Control	2004	65	248-257	2D	regular	ODP
Decomposition method of two-and-three-dimensional rectangular bin packing	Mukhacheva, E. A.; Shehtman, L.. I.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		155-171	2D	regular	ODP
Decomposition method of two-and-three-dimensional rectangular bin packing	Mukhacheva, E. A.; Shehtman, L.. I.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		155-171	3D		ODP
Heuristics for large strip packing problemss with guillotine patterns: An empirical study	Mumford-Valenzuela, C. L.; Vick, J.; Wang, P. Y.	Metaheuristics: Computer Decision-Making	2003		501-522	2D	regular	ODP
VLSI module placement based on rectangle-packing by the sequence-pair	Murata, H.; Fujiyoshi, K.; Nkatke, S.; Kajitani, Y.	IEEE Transactions on Computer-Aided Design of Integrated Circuits and Syste	1996	15	1518-1524	2D	regular	ODP
How to use structural constraints to compute an upper bound for the pallet loading problem	Nelißen, J.	European Journal of Operational Research	1995	84	662-680	2D	regular	IIPP
Design and implementation of a parallel solution to the cutting stock problem	Nicklas, L. D.; Atkins, R. W.; Setia, S. K.; Wang, P. Y.	Concurrency: Practice and Experience	1998	10	783-805	2D	regular	SLOPP
New cases of the cutting stock problem having MIRUP	Nitsche, C.; Scheithauer, G.; Terno, J.	Mathematical Methods ofOperations Research	1998	48	105-115	1D		SSSCSP
Tighter relaxations for the cutting stock problem	Nitsche, C.; Scheithauer, G.; Terno, J.	European Journal of Operational Research	1999	112	654-663	1D		SSSCSP
Stamping Strip Layout for Optimal Raw Material Utilization	Nye, T. J.	Journal of Manufacturing Systems	2000	19	239-248	2D	irregular	ODP
A scanline-based algorithm for the 2D free-form bin packingt problem	Okano, H.	Journal of the Operations Research Society of Japan	2002	45	145-161	2D	irregular	SBSBPP
TOPOS - A new constructive algorithm for nesting problems	Oliveira, J. F.; Gomes, A. M.; Ferreira, J. S.	OR Spektrum	2000	22	263-284	2D	irregular	ODP
A Progressive Heuristics Search Algorithm for the Cutting Stock Problem	Onaindia, E.; Barber, F.; Botti, V.; Carrascosa, C.; Hernandes, M. A.; R	Lecture Notes In Computer Science	1998	1416	25-35	2D	regular	ODP
A genetic algorithm approach for the cutting stock problem	Onwobolu, G. C.; Mutingi, M.	Journal of Intelligent Manufacturing	2003	14	209-218	2D	regular	ODP
Local Search Algorithms for the Bin Packing Problem and Their Relationships to Various Construction Heuristics	Osogami, T.; Okano, H.	Journal of Heuristics	2003	9	29-49	1D		SBSBPP
Cutting and Surrogate Constraint Analysis for Improved Multidimensional Knapsack Solutions	Osorio, M. A.; Glover, F.; Hammer, P.	Annals of Operations Research	2002	117	71-93	1D		SKP

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Packing small boxes into a big box	Padberg, M.	Mathematical Methods of Operations Research	2000	52	1-21	3D		SKP
A comparative numerical analysis for the guillotine two-dimensional cutting problem	Parada, V.; Palma, R. et al	Annals of Operations Research	2000	96	245-254	2D	regular	SLOPP
A hybrid algorithm for the non-guillotine cutting problem	Parada, V.; Pradenas, L. et al	Annals of Operations Research	2002	117	151-163	2D	regular	SLOPP
Solution for the constrained guillotine cutting problem by simulated annealing	Parada, V.; Sepulveda, M. et alo	Computers & Operations Research	1998	25	37-47	2D	regular	SLOPP
Varying fitness functions in genetic algorithm constrained optimization: The cutting stock and unit commitment problem	Petridis, V.; Kazarlis, S. et al	IEEE Transactions on Systems Man and Cybernetics Part B - Cybernetics	1998	28	629-640	2D	irregular	SKP
Dynamic Programming Revisited: Improving Knapsack Algorithms	Pferschy, U.	Computing	1999	63	419-430	1D		SKP
Worst-case analysis of fast heuristics for packing squares into a square	Picouleau, C.	Theoretical Computer Science	1996	164	59-72	2D	regular	ODP
A minimal algorithm for the 0-1 knapsack problem	Pisinger, D.	Operations Research	1997	46	758-767	1D		SKP
A Minimal Algorithm for the Bounded Knapsack Problem	Pisinger, D.	INFORMS Journal on Computing	2000	12	75-82	1D		SKP
Algorithms for Knapsack Problems	Pisinger, D.		1995			3D		SKP
An exact algorithm for large multiple knapsack problems	Pisinger, D.	European Journal of Operational Research	1999	114	528-541	1D		MHKP
An expanding-core algorithm for the exact 0-1 Knapsack Problem: Theory and Methodology	Pisinger, D.	European Journal of Operational Research	1995	87	175-187	1D		SKP
Avoiding anomalies in the MT2 algorithm by Martello and Toth	Pisinger, D.	European Journal of Operational Research	1995	82	206-208	1D		SKP
Heuristics for the container loading problem	Pisinger, D.	European Journal of Operational Research	2002	141	382-392	3D		SKP
Linear Time Algorithms for Knapsack Problems with Bounded Weights	Pisinger, D.	Journal of Algorithms	1999	33	1-14	1D		SKP
Where are the hard knapsack problems?	Pisinger, D.		2003			1D		SKP
Genetic neuro-nester	Poshyanonda, P.; Dagli, C. H.	Journal of Intelligent Manufacturing	2004	15	201-218	2D	irregular	ODP
Genetic neuro-nester	Poshyanonda, P.; Dagli, C. H.	Journal of Intelligent Manufacturing	2004	15	201-218	2D	regular	ODP
A Sliding Algorithm for Optimal Nesting of Arbitrarily-Shaped Sheet-Metal Blanks	Prasad, Y. K. D. V.; Somasundaram, S. et al	International Journal of Production Research	1995	33	1505-1520	2D	irregular	ODP
The Ordered Cutting Stock Problem	Ragsdale, C. T.; Zobel, C. W.	Decision Sciences	2004	35	83-100	1D		SSSCSP
An Improved Genetic Algorithm for the Multiconstrained 0-1 Knapsack Problem	Raidl, G. R.	Proceedings of the 5th IEEE International Conference on Evolutionary Comput	1998		207-211	1D		SKP
Weight-Codings in a Genetic Algorithm for the Multiconstraint Knapsack Problem	Raidl, G. R.	Proceedings of the 1999 IEEE Congress on Evolutionary Computation	1999	1	596-603	1D		SKP
Genetic Algorithms for Multiple Container Packing Problem	Raidle, G. R.; Kodydek, G.	Lecture Notes in Computer Science	1998	1498	875-884	1D		MIKP
Allowing for weight considerations in container loading	Ratcliff, M. S. W.; Bischoff, E. E.	OR Spektrum	1998	20	65-71	3D		SLOPP
Hybrid genetic algorithms for bin-packing and related problems	Reeves, C.	Annals of Operations Research	1996	63	371-396	1D		SBSBPP
Applying constraint logic programming to the resolution of nesting problems	Ribeiro, C.; Carravilla, M. A.; Oliveira, J. F.	Pesquisa Operacional	1999	19	239-247	2D	irregular	ODP
The solution of two-stage guillotine cutting stock problems having extremely varying order demands: Theory and Metho	Riehme, J.; Scheithauer, G.; Terno, J.	European Journal of Operational Research	1996	91	543-552	2D	regular	MSSCSP
Families of non-URUP instances of the one-dimensional cutting stock problem	Rietz, J.; Scheithauer, G.; Terno, J.	Discrete Applied Mathematics	2002	121	229-245	1D		SSSCSP
Tighter Bounds for the Gap and Non-IRUP Constructions in the One-Dimensional Cutting Stock Problem	Rietz, J.; Scheithauer, G.; Terno, J.	Optimization	2002	51	927-963	1D		SSSCSP
Comparativ research of FFD and SVC methods using BPPGEN generator	Rosanova, L. F.; Usmanova, A. R.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		53-61	1D		SBSBPP
Learning a procedure that can solve hard bin-packing problems: a new GA-based approach to hyper-heuristics	Ross, P.; Marín-Blázques, J. G.; Schulenburg, S.; Hart, E.	GECCO 2003, LNCS 2724	2003		1295-1306	1D		SBSBPP
Genetic algorithms with double strings for 0-1 programming problems	Sakawa, M.; Kato, K.	European Journal of Operational Research	2003	144	581-597	1D		SKP
Cooperative Strategies for Solving the Bicriteria Sparse Multiple Knapsack Problem	Salman, F. S.	Journal of Heuristics	2002	8	215-239	1D		MHKP
Equivalence and Dominance for Problems of Optimal Packing of Rectangles	Scheithauer, G.	Ricerca Operativa	1997	27	3-34	2D	regular	SLOPP
LP-based bounds for the container and multi-container loading problem	Scheithauer, G.	International Transactions in Operations Research	1999	6	199-213	3D		SKP
LP-based bounds for the container and multi-container loading problem	Scheithauer, G.	International Transactions in Operations Research	1999	6	199-213	3D		SSSCSP
A Branche&Bound Algorithm for Solving One-dimensional Cutting Stock Problems Exactly	Scheithauer, G. Terno, J.	Applicationes Mathematicae	1995	23	151-167	1D		SSSCSP
4-Block heuristic for the rectangle packing problem	Scheithauer, G.; Sommerweiß, U.	European Journal of Operational Research	1998	108	509-526	2D	regular	SLOPP
A heuristic approach for solving the multi-pallet packing problem	Scheithauer, G.; Terno, J.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		140-154	3D		SSSCSP
Facet-Defining Inequalities for the Cutting Stock Problem	Scheithauer, G.; Terno, J.	Pesquisa Operational	1999	19	131-144	1D		SSSCSP
The G4-Heuristic for the Pallet Loading Problem	Scheithauer, G.; Terno, J.	Journal of the Operational Research Society	1996	47	511-522	2D	regular	IIPP
The modified integer round-up property of the one-dimensional cutting stock problem	Scheithauer, G.; Terno, J.	European Journal of Operational Research	1995	84	562-571	1D		SSSCSP
The properties IRUP and MIRUP for the cutting stock problem	Scheithauer, G.; Terno, J.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		16-32	1D		SSSCSP
Theoretical investigations on the modified integer round-up property for the one-dimensional cutting stock problem	Scheithauer, G.; Terno, J.	Operations Research Letters	1997	20	93-100	1D		SSSCSP
Solving one-dimensional cutting stock problems exactly with a cutting plane algorithm	Scheithauer, G.; Terno, J.; Müller, A.; Belov, G.	Journal of the Operational Research Society	2001	52	1390-1401	1D		SSSCSP
An algorithm for the determination of optimal cutting patterns	Schilling, G.; Goergiadis, M. C.	Computers & Operations Research	2002	29	1041-1058	1D		SSSCSP
Bison: A fast hybrid procedure for exactly solving the one-dimensional bin packing problem	Scholl, A.; Klein, R.; Jürgens, C.	Computers & Operations Research	1997	24	627-645	1D		SBSBPP
A New Lower Bound for the Bin-Packing Problem and ist Integration to MTP	Schwerin, P.; Wäscher, G.	Pesquisa Operacional	1999	19	111-129	1D		SBSBPP

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The Bin-Packing Problem: A Problem Generator and Some Numercial Experiments with FFD Packing and MTP	Schwerin, P.; Wäscher, G.	International Transactions in Operations Research	1997	4	377-389	1D		SBSBPP
New Bounds for Multidimensional Packing	Seiden, S. S.; van Stee, R.	Algorithmica	2003	36	261-293	2D	regular	SBSBPP
The value correction method for packing of irregular shapes	Sergeyeva, O. Y.; Scheithauer, G.; Terno, J.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		261-269	2D	irregular	ODP
On two class-constrained versions of the multiple knapsack problem	Shachnai, H.; Tamir, T.	Algorithmica	2001	29	442-467	1D		MHLOPP
Polynomial time approximation schemes for class-constrained packing problems	Shachnai, H.; Tamir, T.	Journal of Scheduling	2001	4	313-338	1D		MIKP
Polynomial time approximation schemes for class-constrained packing problems	Shachnai, H.; Tamir, T.	Journal of Scheduling	2001	4	313-338	1D		SBSBPP
Tight bounds for online class-constrained packing	Shachnai, H.; Tamir, T.	Theoretical Computer Science	2004	321	103-123	1D		MIKP
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New Worst-Case Results for the Bin-Packing Problem	Simchi-Levi, D.	Naval Research Logistics	1994	41	579-585	1D		SBSBPP
On the Critical Item for Subset Sum Problems	Soma, N. Y.; Toth, P.	Pesquisa Operacional	1999	19	279-283	1D		SKP
A strip-packing algorithms with absolute performance bound 2	Steinberg, A.	SIAM J. Comput.	1997	26	401-409	2D	regular	ODP
Non-guillotine Placement of Rectangles into a Strip of Given Width	Stoyan, Y. G.; Novozhilova, M. V.	Pesquisa Operacional	1999	19	189-210	2D	regular	ODP
Regular packing of congruent polygons on the rectangular sheet	Stoyan, Y. G.; Pankratov, A. V.	European Journal of Operational Research	1999	113	653-675	2D	regular	IIPP
A mathematical model and a solution method for the problem of placing various-sized circles into a strip	Stoyan, Y. G.; Yas'kov, G.	European Journal of Operational Research	2004	156	590-600	2D	regular	ODP
Mathematical Model and Solution Method of Optimization Problem of Placement of Rectangles and Circles Taking into	Stoyan, Y. G.; Yaskov, G. N.	International Transactions in Operations Research	1998	5	45-57	2D	irregular	ODP
Mathematical Model and Solution Method of Optimization Problem of Placement of Rectangles and Circles Taking into	Stoyan, Y. G.; Yaskov, G. N.	International Transactions in Operations Research	1998	5	45-57	2D	regular	ODP
Pattern generating procedure for the cutting stock problem	Suliman, S. M. A.	International Journal of Production Economics	2001	74	293-301	1D		MSSCSP
Solution for textile nesting problems using adaptive meta-heuristics and grouping	Takahara, S.; Kusumoto, Y. et al	Soft Computing	2003	7	154-159	2D	irregular	ODP
Integer Models of rectangular guillotine cutting	Tarasova, T. D.; Rozanova, L. F.; Gabitov, V. A.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		125-139	2D	regular	MBSBPP
Advanced polynomial time algorithm for guillotine generalized pallet loading problem	Tarnowski, A. G.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		93-124	2D	regular	SLOPP
An efficient approach for the multi-pallet loading problem	Terno, J.; Scheithauer, G.; Sommerweiß, U.; Riehme, J.	European Journal of Operational Research	2000	123	372-381	3D		SSSCSP
The Optimal Packing of Arbitrarily-Shaped Polygons Using Simulated Annealing and Polynomial-Time Cooling Schedul	Theodoracates, V. E.; Grimsley, J. L.	Computer Methods in Applied Mechanics and Engineering	1995	125	53-70	2D	irregular	SKP
Optimization engineering techniques for the exact solution of NP-hard combinatorial optimization problems	Toth, P.	European Journal of Operational Research	2000	125	222-238	1D		SBSBPP
Optimization engineering techniques for the exact solution of NP-hard combinatorial optimization problems	Toth, P.	European Journal of Operational Research	2000	125	222-238	1D		SKP
A New Parallel Approach to the Constrained Two-Dimensional Cutting Stock Problem	Tschöke, S.; Holthöfer, N.	Lecture Notes in Computer Science	1995		285-300	2D	regular	SKP
Random search in the one-dimensional cutting stock problem: Theory and Methodology	Vahrenkamp, R.	European Journal of Operational Research	1996	95	191-200	1D		SSSCSP
Development of three-dimensional packing methods	Valeeva, A.; Totskov, I.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		198-206	3D		ODP
A note on branch-and-price algorithms for the one-dimensional cutting stock problems	Valério de Carvalho, J. M.	Computational Optimization and Applications	2002	21	339-340	1D		SSSCSP
Exact solution of bin-packing problems using column generation and branch-and-bound	Valério de Carvalho, J. M.	Annals of Operations Research	1999	86	629-659	1D		SSSCSP
Exact Solution of Cutting Stock Problems Using Column Generation and Branch-and-Bound	Valério de Carvalho, J. M.	International Transactions in Operations Research	1998	5	35-44	1D		SSSCSP
LP models for bin packing and cutting stock problems	Valério de Carvalho, J. M.	European Journal of Operational Research	2002	141	253-273	1D		SBSBPP
LP models for bin packing and cutting stock problems	Valério de Carvalho, J. M.	European Journal of Operational Research	2002	141	253-273	1D		SSSCSP
An approximation algorithm for square packing	van Stee, R.	Operations Research Letters	2004	32	535-539	2D	regular	SBSBPP
On the Asymptotic Worst Case Behaviour of Harmonic Fit	van Vliet, A.	Journal of Algorithms	1996	20	113-136	1D		SBSBPP
Branch-and-Price Algorithms for the One-Dimensional Cutting Stock Problem	Vance, P. H.	Computational Optimization and Applications	1998	9	211-228	1D		SSSCSP
A Nested Decomposition Approach to a Three-Stage, Two-Dimensional Cutting-Stock Problem	Vanderbeck, F.	Management Science	2001	47	864-879	2D	regular	RCSP
Computational study of a column generation algorithm for bin packing and cutting stock problems	Vanderbeck, F.	Mathematical Programming	1999	86	565-594	1D		SBSBPP
Computational study of a column generation algorithm for bin packing and cutting stock problems	Vanderbeck, F.	Mathematical Programming	1999	86	565-594	1D		SSSCSP
Extending Dantzig's bound to the bounded multiple-class binary Knapsack problem	Vanderbeck, F.	Mathematical Programming	2002	94	125-136	1D		SKP
On Dantzig-Wolfe decomposition in integer programming and ways to perform branching in a branch-and-price algorith	Vanderbeck, F.	Operations Research	2000	48	111-128	1D		SSSCSP
Combinatorial methods and algorithms for irregular cutting stock problem	Verkhoturov, M. A.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		270-283	2D	irregular	SBSBPP
The Sequential Value Correction Method for the Two-Dimensional Irregular Cutting Stock Problem	Verkhoturov, M. A.; Sergeyeva, O. Y.	Pesquisa Operacional	2000	20	233-246	2D	irregular	ODP
Some peculiarity of value calculation in three-dimensional packing problems	Verkhoturov, M. A.; Verkhoturova, G. N.	Decision Making Under Conditions Of Uncertainty (Cutting-Packing Problems)	1997		284-295	3D		SKP
A genetic algorithm solution for one-dimensional bundled stock cutting	Wagner, B. J.	European Journal of Operational Research	1999	117	368-381	1D		RCSP
Data set generation for rectangular placement problems: Theory and Methodology	Wang, P. Y.; Valenzela, C. L.	European Journal of Operational Research	2001	134	378-391	2D	regular	SKP
Heuristics for the Integer One-dimensional Cutting Stock Problem: a computational study	Wäscher, G.; Gau, T.	OR Spektrum	1996	18	131-144	1D		SSSCSP
Nesting of two-dimensional parts in multiple plates using hybrid algorithm	Wu, T.-H.; Chen, J.-F.; Low, C.; Tang, P.-T.	International Journal of Production Research	2003	41	3883-3900	2D	irregular	MHKP
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An effective quasi-human based heuristic for solving the rectangle packing problem	Wu, Y.-L.; Huang, W.; Lau, S.-C.; Wong, C. K.; Young, G. H.	European Journal of Operational Research	2002	141	341-358	2D	regular	SKP
The Asymptotic Worst-Case Behavior of the FFD Heuristic for Small Items	Xu, K.	Journal of Algorithms	2000	37	237-246	1D		SBSBPP
Effective methods for a container packing operation	Xue, J.; Lai, K. K.	Mathematical and Computer Modelling	1997	25	75-84	3D		SLOPP
A new upper bound for unconstrained two-dimensional cutting and packing	Y, G. G.; Kang, M. K.	Journal of the Operational Research Society	2002	53	587-591	2D	regular	SLOPP
An Algorithm for Determining the K-best Solutions of the One-dimensional Knapsack problem	Yanasse, H. H.; Soma, N. Y. et al	Pesquisa Operacional	2000	20	117-134	1D		SKP
The ordered open-end bin-packing problem	Yang, J.; Leung, J. Y.-T.	Operations Research	2003	51	759-770	1D		SBSBPP
Applying genetic algorithm and neural networks to the container loading problem	Yeh, J. M.; Lin, Y. C.; Yu, S. H.	Journal of Information & Optimization Sciences	2003	24	423-443	3D		SKP
A hybrid genetic approach for garment cutting in the clothing industry	Yeung, L. H. W.; Tang, W. K. S.	IEEE Transactions on Industrial Electronics	2003	50	449-455	2D	regular	ODP
Strip-packing using hybrid genetic approach	Yeung, L. H. W.; Tang, W. K. S.	Engineering Applications of Artificial Intelligence	2004	17	169-177	2D	regular	ODP
The FFD Bin-Packing Algorithm and Its Extension for VLSI Circuit Partitioning	Yokomaru, T.; Izumi, T.; Kajitani, Y.	Electronics and Communications in Japan	1998	81	1452-1459	1D		SBSBPP
Optimal packing using the multiple mating method	Yu, C.; Manoochehri, S.	Engineering with Computers	2003	19	56-65	2D	irregular	ODP
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