

Bibliografia

- [1] ADAMS, J.; BALAS, E. ; ZAWACK, D.. **The shifting bottleneck procedure for job shop scheduling**. Management Science, 34:391–401, 1988.
- [2] AHO, A.; HOPCROFT, J. ; ULLMAN, J.. **The design and analysis of computer algorithms**. Addison-Wesley, 1974.
- [3] AHUJA, R.; ORLIN, J. ; TIWARI, A.. **A greedy genetic algorithm for the quadratic assignment problem**. Computers and Operations Research, 27:917–934, 2000.
- [4] ALEX, R.; RIBEIRO, C. ; ARAGÃO, M.. **Parallel cut generation for service cost allocation in transmission systems**. In: Abstracts Volume of the Third Metaheuristics International Conference, p. 1–6, 1999.
- [5] ALEX, R.; RESENDE, M.; PARDALOS, P. ; TORALDO, G.. **GRASP with path relinking for the three-index assignment problem**. Technical report, Information Sciences Research Center, AT&T Labs Research, Florham Park, 2000. Artigo submetido.
- [6] ALEX, R. M.; PARDALOS, P. M.; PITSOULIS, L. S. ; RESENDE, M. G. C.. **A GRASP for computing approximate solutions for the three-index assignment problem**. In: PARALLEL AND DISTRIBUTED PROCESSING, volumen 1800 de **Lecture Notes in Computer Science**, p. 504. Springer, 2000.
- [7] ALEX, R.; BINATO, S. ; RESENDE, M.. **Parallel GRASP with path-relinking for job shop scheduling**. Technical report, Information Sciences Research Center, AT&T Labs Research, Florham Park, 2001. Aceito para publicação em *Parallel Computing*.
- [8] ALEX, R.; RESENDE, M. ; RIBEIRO, C.. **Probability distribution of solution time in GRASP: An experimental investigation**. Journal of Heuristics, 8:343–373, 2002.

- [9] ALVIM, A.; RIBEIRO, C.. **Balanceamento de carga na paralelização da meta-heurística GRASP**. In: X Simpósio Brasileiro de Arquiteturas de Computadores, p. 279–282. Sociedade Brasileira de Computação, 1998.
- [10] ALVIM, A.. ***Estratégias de paralelização da metaheurística GRASP***. Master's thesis, Departamento de Informática, PUC-Rio, Rio de Janeiro, Abril 1998.
- [11] APPLEGATE, D.; W.COOK. **A computational study of the job-shop scheduling problem**. ORSA Journal on Computing, 3:149–156, 1991.
- [12] ARMONY, M.; KLINCWICZ, J.; LUSS, H. ; ROSENWEIN, M.. **Design of stacked self-healing rings using a genetic algorithm**. Journal of Heuristics, 6:85–105, 2000.
- [13] BALAS, E.; SALTZMAN, M.. **An algorithm for the three-index assignment problem**. Operations Research, 39:150–161, 1991.
- [14] BATTITI, R.; TECCHIOLLI, G.. **Parallel biased search for combinatorial optimization: Genetic algorithms and TABU**. Microprocessors and Microsystems, 16:351–367, 1992.
- [15] BEASLEY, J. E.. **OR-Library: Distributing test problems by electronic mail**. Journal of the Operational Research Society, 41:1069–1072, 1990.
- [16] BINATO, S.; HERY, W.; LOEWENSTERN, D. ; RESENDE, M.. **A greedy randomized adaptive search procedure for job shop scheduling**. In: Hansen, P.; Ribeiro, C., editors, ESSAYS AND SURVEYS IN METAHEURISTICS, p. 58–79. Kluwer Academic Publishers, 2001.
- [17] BINATO, S.; JR., H. F.; AIEX, R. ; RESENDE, M.. **GRAPR: greedy randomized adaptive path relinking**. Technical report, Information Sciences Research Center, AT&T Labs Research, Florham Park, 2002. Artigo em preparação.
- [18] BINATO, S.; OLIVEIRA, G.. **A reactive GRASP for transmission network expansion planning**. In: Ribeiro, C.; Hansen, P., editors, ESSAYS AND SURVEYS IN METAHEURISTICS, p. 81–100. Kluwer Academic Publishers, 2002.

- [19] BOLLOBÁS, B.. **Random graphs**. Academic Press, 1985.
- [20] BRESINA, J.. **Heuristic-biased stochastic sampling**. In: PROCEEDINGS OF THE THIRTEENTH NATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE (AAAI-96), p. 271–278. American Association for Artificial Intelligence, 1996.
- [21] BRUCKER, P.; JURISCH, B. ; SIEVERS, B.. **A branch and bound algorithm for the job-shop scheduling problem**. Discrete Applied Mathematics, 49:105–127, 1994.
- [22] BURKARD, R.; FRÖHLICH, K.. **Some remarks on 3-dimensional assignment problems**. Methods Operations Research, 36:31–36, 1980.
- [23] BURKARD, R.; KARISCH, S. ; RENDL, F.. **QAPLIB – A quadratic assignment problem library**. European Journal of Operations Research, 55:115–119, 1991.
- [24] BURKARD, R.; RUDOLF, R.. **Computational investigations on 3-dimensional axial assignment problems**. Belgian Journal of Operations Research, Statistics and Computer Science, 32:85–98, 1993.
- [25] BURKARD, R.; RUDOLF, R. ; WOEGINGER, G.. **Three-dimensional axial assignment problems with decomposable cost coefficients**. Discrete Applied Mathematics, 65:123–139, 1996.
- [26] CAMPODÓNICO, N.; PEREIRA, M.. **A methodology for transmission service cost allocation in the core of cooperative games**. Technical report, Power Systems Research Inc., Rio de Janeiro, 1996.
- [27] CANUTO, S.; RESENDE, M. ; RIBEIRO, C.. **Local search with perturbations for the prize-collecting Steiner tree problem in graphs**. Networks, 38:50–58, 2001.
- [28] CARLIER, J.; PINSON, E.. **An algorithm for solving the job-shop problem**. Management Science, 35:164–176, 1989.
- [29] CARLIER, J.; PINSON, E.. **A practical use of Jackson's preemptive schedule for solving the job-shop problem**. Annals of Operations Research, 26:269–287, 1990.

- [30] CHAMBERS, J.; CLEVELAND, W.; KLEINER, B. ; TUKEY, P.. **Graphical Methods for Data Analysis**. Chapman & Hall, 1983.
- [31] CHARON, I.; HUDRY, O.. **The noising method: A new method for combinatorial optimization**. Operations Research Letters, 14:133–137, 1993.
- [32] CHARON, I.; HUDRY, O.. **The noising methods: A survey**. In: Ribeiro, C.; Hansen, P., editors, ESSAYS AND SURVEYS IN METAHEURISTICS, p. 245–261. Kluwer Academic Publishers, 2002.
- [33] CIMIKOWSKI, R.. **An analysis of heuristics for the maximum planar subgraph problem**. In: PROCEEDINGS OF THE 6TH ACM-SIAM SYMPOSIUM ON DISCRETE ALGORITHMS, p. 322–331, 1995.
- [34] COLOMÉ, R.; SERRA, D.. **Consumer choice in competitive location models: Formulations and heuristics**. Papers in Regional Science, 80:439–464, 2001.
- [35] CORMEN, T.; LEISERSON, C. ; RIVEST, R.. **Introduction to algorithms**. The MIT Press, 1990.
- [36] CRAMA, Y.; KOLEN, A.; OERLEMANS, A. ; SPIEKSMAS, F.. **Throughput rate optimization in the automated assembly of printed circuit boards**. Annals of Operations Research, 26:455–480, 1990.
- [37] CRAMA, Y.; SPIEKSMAS, F.. **Approximation algorithms for three-dimensional assignment problems with triangle inequalities**. European Journal of Operational Research, 60:273–279, 1992.
- [38] CUNG, V.-D.; MARTINS, S.; RIBEIRO, C. ; ROUCAIROL, C.. **Strategies for the parallel implementation of metaheuristics**. In: Ribeiro, C.; Hansen, P., editors, ESSAYS AND SURVEYS IN METAHEURISTICS, p. 263–308. Kluwer Academic Publishers, 2002.
- [39] DAVIS, L.. **Job shop scheduling with genetic algorithms**. In: Grenfenstett, J. J., editor, PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON GENETIC ALGORITHMS AND THEIR APPLICATIONS, p. 136–140. Lawrence Erlbaum Associates, 1985.

- [40] DELMAIRE, H.; DÍAZ, J.; FERNÁNDEZ, E. ; ORTEGA, M.. **Reactive GRASP and Tabu Search based heuristics for the single source capacitated plant location problem**. INFOR, 37:194–225, 1999.
- [41] DODD, N.. **Slow annealing versus multiple fast annealing runs: An empirical investigation**. Parallel Computing, 16:269–272, 1990.
- [42] EIKELDER, H. T.; VERHOEVEN, M.; VOSSEN, T. ; AARTS, E.. **A probabilistic analysis of local search**. In: Osman, I.; Kelly, J., editors, METAHEURISTICS: Theory AND APPLICATIONS, p. 605–618. Kluwer Academic Publishers, 1996.
- [43] FEO, T.; RESENDE, M.. **A probabilistic heuristic for a computationally difficult set covering problem**. Operations Research Letters, 8:67–71, 1989.
- [44] FEO, T.; RESENDE, M. ; SMITH, S.. **A greedy randomized adaptive search procedure for maximum independent set**. Operations Research, 42:860–878, 1994.
- [45] FEO, T.; RESENDE, M.. **Greedy randomized adaptive search procedures**. Journal of Global Optimization, 6:109–133, 1995.
- [46] FEO, T.; GONZÁLEZ-VELARDE, J.. **The intermodal trailer assignment problem: Models, algorithms, and heuristics**. Transportation Science, 29:330–341, 1995.
- [47] FESTA, P.; RESENDE, M.; PARDALOS, P. ; RIBEIRO, C.. **Grasp and vns for max-cut**. In: Extended Abstracts of the Fourth Metaheuristics International Conference, p. 371–376, Julho 2001.
- [48] FESTA, P.; RESENDE, M.. **GRASP: An annotated bibliography**. In: Ribeiro, C.; Hansen, P., editors, ESSAYS AND SURVEYS IN METAHEURISTICS, p. 325–367. Kluwer Academic Publishers, 2002.
- [49] FLEURENT, C.; GLOVER, F.. **Improved constructive multistart strategies for the quadratic assignment problem using adaptive memory**. INFORMS Journal on Computing, 11:198–204, 1999.
- [50] FRENCH, S.. **Sequencing and scheduling: An introduction to the mathematics of the job-shop**. Horwood, 1982.

- [51] FRIEZE, A.; YADEGAR, J.. **An algorithm for solving 3-dimensional assignment problems with application to scheduling a teaching practice.** Journal of Operational Research Society, 32:989–995, 1981.
- [52] FRIEZE, A.. **Complexity of a 3-dimensional assignment problem.** European Journal of Operational Research, 13:161–164, 1983.
- [53] FRÖHLICH, K.. *Dreidimensionale Zuordnungsprobleme.* Master's thesis, Mathematisches Institut, Universität Köln, 1979.
- [54] GARVER, L.. **Transmission net estimation using linear programming.** IEEE Transactions on Power Systems, PAS-89(7):1688–1697, 1970.
- [55] GAREY, M.; JOHNSON, D.. **Computers and intractability - A guide to the theory of NP-completeness.** W.H. Freeman and Company, 1979.
- [56] GIFFLER, B.; THOMPSON, G. L.. **Algorithms for solving production scheduling problems.** Operations Research, 8:487–503, 1960.
- [57] GLOVER, F.; LAGUNA, M.. **Tabu search.** In: Reeves, C. R., editor, MODERN HEURISTIC TECHNIQUES FOR COMBINATORIAL PROBLEMS, p. 70–141. Blackwell Scientific Publications, 1993.
- [58] GLOVER, F.; LAGUNA, M.. **Tabu Search.** Kluwer Academic Publishers, 1997.
- [59] GLOVER, F.. **Multi-start and strategic oscillation methods – Principles to exploit adaptive memory.** In: Laguna, M.; Gonzáles-Velarde, J., editors, COMPUTING TOOLS FOR MODELING, OPTIMIZATION AND SIMULATION: INTERFACES IN COMPUTER SCIENCE AND OPERATIONS RESEARCH, p. 1–24. Kluwer, 2000.
- [60] GLOVER, F.; LAGUNA, M. ; MARTÍ, R.. **Fundamentals of scatter search and path relinking.** Technical report, Graduate School of Business and Administration, University of Colorado, Boulder, CO 80309-0419, 2000.
- [61] GOEMANS, M. X.; WILLIAMSON, D. P.. **The primal dual method for approximation algorithms and its application to**

- network design problems.** In: Hochbaum, D., editor, APPROXIMATION ALGORITHMS FOR NP-HARD PROBLEMS, p. 144–191. PWS Publishing Co., 1996.
- [62] GOLDSCHMIDT, O.; TAKVORIAN, A.. **An efficient graph planarization two-phase heuristic.** Networks, 24:69–73, 1994.
- [63] GONÇALVES, J.; MENDES, J. ; RESENDE, M.. **A hybrid genetic algorithm for the job shop scheduling problem.** Technical report, Information Sciences Research Center, AT&T Labs Research, Florham Park, 2002.
- [64] GRÖTSCHEL, M.; LOVASZ, L. ; SCHRIJVER, A.. **The ellipsoid method and its consequences in combinatorial optimization.** Combinatorica, 1:169–197, 1981.
- [65] HOOS, H.; STÜTZLE, T.. **Towards a characterisation of the behaviour of stochastic local search algorithms for SAT.** Artificial Intelligence, 112:213–232, 1999.
- [66] HANSEN, P.; KAUFMAN, L.. **A primal-dual algorithm for the three-dimensional assignment problem.** Cahiers du CERO, 15:327–336, 1973.
- [67] HANSEN, P.; MLADENOVIC, N.. **Developments of variable neighborhood search.** In: Ribeiro, C.; Hansen, P., editors, ESSAYS AND SURVEYS IN METAHEURISTICS, p. 415–439. Kluwer Academic Publishers, 2001.
- [68] HART, J.; SHOGAN, A.. **Semi-greedy heuristics: An empirical study.** Operations Research Letters, 6:107–114, 1987.
- [69] ABDINNOUR-HELM, S.; HADLEY, S.. **Tabu search based heuristics for multi-floor facility layout.** International Journal of Production Research, 38:365–383, 2000.
- [70] JAIN, A.; MEERAN, S.. **A state-of-the-art review of job-shop scheduling techniques.** Technical report, Department of Applied Physics, Electronic and Mechanical Engineering, University of Dundee, Dundee, 1998.
- [71] JOHNSON, D.; PAPADIMITRIOU, C. ; YANNAKAKIS, M.. **How easy is local search?** Journal of Computer and System Sciences, 17:79–100, 1988.

- [72] LAGUNA, M.; GONZÁLEZ-VELARDE, J.. **A search heuristic for just-in-time scheduling in parallel machines.** Journal of Intelligent Manufacturing, 2:253–260, 1991.
- [73] LAGUNA, M.; MARTÍ, R.. **GRASP and path relinking for 2-layer straight line crossing minimization.** INFORMS Journal on Computing, 11:44–52, 1999.
- [74] LENSTRA, J.; RINNOOY KAN, A.. **Computational complexity of discrete optimization problems.** Annals of Discrete Mathematics, 4:121–140, 1979.
- [75] LEUE, O.. **Methoden zur Lösung dreidimensionaler Zuordnungsprobleme.** Angewandte Informatik, 14:154–162, 1972.
- [76] LI, Y.; PARDALOS, P. ; RESENDE, M.. **A greedy randomized adaptive search procedure for the quadratic assignment problem.** In: Pardalos, P.; Wolkowicz, H., editors, QUADRATIC ASSIGNMENT AND RELATED PROBLEMS, volumen 16 de **DIMACS Series on Discrete Mathematics and Theoretical Computer Science**, p. 237–261. American Mathematical Society, 1994.
- [77] LIU, X.; PARDALOS, P.; RAJASEKARAN, S. ; RESENDE, M.. **A GRASP for frequency assignment in mobile radio networks.** In: Rajasekaran, S.; Pardalos, P. ; Hsu, F., editors, MOBILE NETWORKS AND COMPUTING, volumen 52 de **DIMACS Series on Discrete Mathematics and Theoretical Computer Science**, p. 195–201. American Mathematical Society, 2000.
- [78] LOURENÇO, H.. **Local optimization and the job-shop scheduling problem.** European Journal of Operational Research, 83:347–364, 1995.
- [79] LOURENÇO, H.; ZWIJNENBURG, M.. **Combining the large-step optimization with tabu-search: Application to the job-shop scheduling problem.** In: Osman, I.; Kelly, J., editors, Meta-Heuristics: Theory and Applications, p. 219–236. Kluwer Academic Publishers, 1996.
- [80] LOURENÇO, H. R.; PAIXÃO, J. ; PORTUGAL, R.. **Metaheuristics for the bus-driver scheduling problem.** Technical report,

Departament d'Economia i Empresa, Universitat Pompeu Fabra, Barcelona, 1998.

- [81] MARTINS, S.; RIBEIRO, C. ; SOUZA, M.. **A parallel GRASP for the Steiner problem in graphs**. Lecture Notes in Computer Science, 1457:285–297, 1998.
- [82] MARTINS, S.; PARDALOS, P.; RESENDE, M. ; RIBEIRO, C.. **Greedy randomized adaptive search procedures for the Steiner problem in graphs**. In: Pardalos, P.; Rajasegaran, S. ; Rolim, J., editors, RANDOMIZATION METHODS IN ALGORITHMIC DESIGN, volumen 43 de **DIMACS Series on Discrete Mathematics and Theoretical Computer Science**, p. 133–145. American Mathematical Society, 1999.
- [83] MARTINS, S.; RESENDE, M.; RIBEIRO, C. ; PARDALOS, P.. **A parallel GRASP for the Steiner tree problem in graphs using a hybrid local search strategy**. Journal of Global Optimization, 17:267–283, 2000.
- [84] MLADENOVIĆ, N.; HANSEN, P.. **Variable neighborhood search**. Computers and Operations Research, 24:1097–1100, 1997.
- [85] MOCKUS, J.; EDDY, E.; MOCKUS, A.; MOCKUS, L. ; REKLAITIS, G.. **Bayesian discrete and global optimization**. Kluwer Academic Publishers, 1997.
- [86] MURPHEY, R.; PARDALOS, P. ; PITSOULIS, L.. **A parallel GRASP for the data association multidimensional assignment problem**. In: Pardalos, P., editor, PARALLEL PROCESSING OF DISCRETE PROBLEMS, volumen 106 de **The IMA Volumes in Mathematics and Its Applications**, p. 159–180. Springer-Verlag, 1998.
- [87] NOWICKI, E.; SMUTNICKI, C.. **A fast taboo search algorithm for the job shop problem**. Management Science, 42:797–813, 1996.
- [88] OLIVEIRA, G.; COSTA, A. ; BINATO, S.. **Large scale transmission network planning using optimization and heuristic techniques**. IEEE Transactions on Power Systems, 10(4):1828–1833, 1995.

- [89] OSBORNE, L.; GILLET, B.. **A comparison of two simulated annealing algorithms applied to the directed Steiner problem on networks**. ORSA Journal on Computing, 3:213–225, 1991.
- [90] PARDALOS, P.; PITSOULIS, L. ; RESENDE, M.. **A parallel GRASP implementation for the quadratic assignment problem**. In: Ferreira, A.; Rolim, J., editors, PARALLEL ALGORITHMS FOR IRREGULARLY STRUCTURED PROBLEMS – IRREGULAR’94, p. 115–133. Kluwer Academic Publishers, 1995.
- [91] PARDALOS, P.; PITSOULIS, L. ; RESENDE, M.. **A parallel GRASP for MAX-SAT problems**. Lecture Notes in Computer Science, 1184:575–585, 1996.
- [92] PARDALOS, P.; PITSOULIS, L. ; RESENDE, M.. **Algorithm 769: Fortran subroutines for approximate solution of sparse quadratic assignment problems using GRASP**. ACM Transactions on Mathematical Software, 23:196–208, 1997.
- [93] MAVRIDOU, T.; PARDALOS, P.; PITSOULIS, L. ; RESENDE, M.. **A GRASP for the biquadratic assignment problem**. European Journal of Operational Research, 105:613–621, 1998.
- [94] PIERSKALLA, W.. **The tri-substitution method for the three-multidimensional assignment problem**. CORS Journal, 5:71–81, 1967.
- [95] PIERSKALLA, W.. **The multi-dimensional assignment problem**. Operations Research, 16:422–431, 1968.
- [96] PINSON, E.. **The job shop scheduling problem: A concise survey and some recent developments**. In: Chrétienne, P.; Coffman Jr., E.; Lenstra, J. ; Liu, Z., editors, SCHEDULING THEORY AND ITS APPLICATION, p. 277–293. John Wiley and Sons, 1995.
- [97] PITSOULIS, L.; PARDALOS, P. ; HEARN, D.. **Approximate solutions to the turbine balancing problem**. Technical report, Center for Applied Optimization, Department of Industrial and Systems Engineering, University of Florida, Gainesville, 1998.
- [98] PITSOULIS, L.. **Algorithms for nonlinear assignment problems**. PhD thesis, Department of Industrial and Systems Engineering, University of Florida, 1999.

- [99] PITSOULIS, L. S.; RESENDE, M. G. C.. **Greedy randomized adaptive search procedures**. In: Pardalos, P.; Resende, M., editors, HANDBOOK OF APPLIED OPTIMIZATION. Oxford University Press, 2002. Aceito para publicação.
- [100] PRAIS, M.; RIBEIRO, C.. **Parameter variation in GRASP implementations**. In: Abstracts Volume of the Third Metaheuristics International Conference, p. 375–380, Julho 1999.
- [101] PRAIS, M.; RIBEIRO, C.. **Variação de parâmetros em procedimentos GRASP**. Investigación Operativa, 9:1–20, 2000.
- [102] PRAIS, M.; RIBEIRO, C.. **Reactive GRASP: An application to a matrix decomposition problem in TDMA traffic assignment**. INFORMS Journal on Computing, 12:164–176, 2000.
- [103] RANGEL, M.; DE ABREU, N.; BOAVENTURA NETTO, P. ; BOERES, M.. **A modified local search for GRASP in the quadratic assignment problem**. Technical report, Programa de Engenharia de Produção, COPPE, Universidade Federal do Rio de Janeiro, Rio de Janeiro, 1998.
- [104] RANGEL, M.; ABREU, N. ; BOAVENTURA NETTO, P.. **GRASP in the QAP: An acceptance bound for initial solution**. In: Abstracts Volume of the Third Metaheuristics International Conference, p. 381–386, 1999.
- [105] RESENDE, M.; RIBEIRO, C.. **Greedy randomized adaptive search procedures**. In: Glover, F.; Kochenberger, G., editors, STATE-OF-THE-ART HANDBOOK IN METAHEURISTICS. Kluwer Academic Publishers. Aceito para publicação.
- [106] RESENDE, M.; PARDALOS, P. ; LI, Y.. **Algorithm 754: Fortran subroutines for approximate solution of dense quadratic assignment problems using GRASP**. ACM Transactions on Mathematical Software, 22:104–118, 1996.
- [107] RESENDE, M.; FEO, T.. **A GRASP for satisfiability**. In: Johnson, D.; Trick, M., editors, CLIQUES, COLORING, AND SATISFIABILITY: THE SECOND DIMACS IMPLEMENTATION CHALLENGE, volumen 26 de **DIMACS Series on Discrete Mathematics and Theoretical Computer Science**, p. 499–520. American Mathematical Society, 1996.

- [108] RESENDE, M.; RIBEIRO, C.. **A GRASP for graph planarization**. Networks, 29:173–189, 1997.
- [109] RESENDE, M.; PITSOULIS, L. ; PARDALOS, P.. **Approximate solution of weighted MAX-SAT problems using GRASP**. In: Gu, J.; Pardalos, P., editors, SATISFIABILITY PROBLEMS, volumen 35 de **DIMACS Series on Discrete Mathematics and Theoretical Computer Science**, p. 393–405. American Mathematical Society, 1997.
- [110] RESENDE, M.; FEO, T. ; SMITH, S.. **Algorithm 787: Fortran subroutines for approximate solution of maximum independent set problems using GRASP**. ACM Transactions on Mathematical Software, 24:386–394, 1998.
- [111] RESENDE, M.. **Computing approximate solutions of the maximum covering problem using GRASP**. Journal of Heuristics, 4:161–171, 1998.
- [112] RESENDE, M.; PITSOULIS, L. ; PARDALOS, P.. **Fortran subroutines for computing approximate solutions of MAX-SAT problems using GRASP**. Discrete Applied Mathematics, 100:95–113, 2000.
- [113] RESENDE, M.; RIBEIRO, C.. **A GRASP with path-relinking for permanent virtual circuit routing**. Technical report, Information Sciences Research Center, AT&T Labs Research, Florham Park, 2001.
- [114] RIBEIRO, C.; SOUZA, M.. **Variable neighborhood search for the degree constrained minimum spanning tree problem**. Aceito para publicação em Discrete Applied Mathematics.
- [115] RIBEIRO, C.; DE ARAGÃO, M. P.; TAVARES, A.; ALEX, R. ; BARBOSA, E.. **Projeto LABTEC: Alocação de custos de serviços de transmissão**. Technical report, Departamento de Informática, PUC-Rio, Rio de Janeiro, 1997.
- [116] RIBEIRO, C.; RESENDE, M.. **Algorithm 797: Fortran subroutines for approximate solution of graph planarization problems using GRASP**. ACM Transactions on Mathematical Software, 25:341–352, 1999.

- [117] RIBEIRO, C.; UCHOA, E. ; WERNECK, R.. **A hybrid GRASP with perturbations for the Steiner problem in graphs**. Technical report, Departamento de Informática, PUC-Rio, Rio de Janeiro, 2001.
- [118] ROBERTSON, A.. **A set of greedy randomized adaptive local search procedure (GRASP) implementations for the multidimensional assignment problem**. Aceito para publicação em *Computational Optimization and Applications*.
- [119] ROMERO, R.; MONTICELLI, A.. **A hierarchical decomposition approach for transmission network expansion planning**. IEEE Transactions on Power Systems, 9(1):373–380, 1994.
- [120] ROMERO, R.; MONTICELLI, A. ; GALLEGGO, R.. **Transmission system expansion planning by simulated annealing**. IEEE Transactions on Power Systems, 11(1):364–369, 1996.
- [121] ROY, B.; SUSSMANN, B.. **Les problèmes d’ordonnancement avec contraintes disjonctives**, 1964.
- [122] RUDNICK, H.; PALMA, R.; CURA, E. ; SILVA, C.. **Economically adapted transmission systems in open access schemes _ application of genetic algorithms**. IEEE Transactions on Power Systems, 11(3):1427–1440, 1996.
- [123] SELMAN, B.; KAUTZ, H. ; COHEN, B.. **Noise strategies for improving local search**. In: PROCEEDINGS OF THE TWELFTH NATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE (AAAI-94), p. 337–343. American Association for Artificial Intelligence, 1994.
- [124] SCHRAGE, L.. **A more portable Fortran random number generator**. ACM Transactions on Mathematical Software, 5:132–138, 1979.
- [125] TAILLARD, E.. **Robust taboo search for the quadratic assignment problem**. Parallel Computing, 17:443–455, 1991.
- [126] TAILLARD, E. D.. **Parallel taboo search techniques for the job shop scheduling problem**. ORSA Journal on Computing, 6:108–117, 1994.

- [127] VAESSENS, R. J. M.; AARTS, E. H. L. ; LENSTRA, J. K.. **Job shop scheduling by local search**. INFORMS Journal on Computing, 8:302–317, 1996.
- [128] VAN LAARHOVEN, P. J. M.; AARTS, E. H. L. ; LENSTRA, J. K.. **Job shop scheduling by simulated annealing**. Operations Research, 40:113–125, 1992.
- [129] VERHOEVEN, M.; AARTS, E.. **Parallel local search**. Journal of Heuristics, 1:43–66, 1995.
- [130] VLACH, M.. **Branch and bound method for the three index assignment problem**. Ekonomicko-Mathematický Obzor, 3:181–191, 1967.
- [131] YOSHIMOTO, K.; YASUDA, K. ; YOKOHAMA, R.. **Transmission expansion planning using neurocomputing hybridized with genetic algorithm**. In: PROCEEDINGS OF THE 1995 INTERNATIONAL CONFERENCE ON EVOLUTIONARY COMPUTING, p. 126–131, 1995.
- [132] SNIR, M.; OTTO, S.; HUSS-LEDERMAN, S.; WALKER, D. ; DON-GARRA, J.. **MPI – The complete reference, Volume 1 – The MPI Core**. The MIT Press, 1998.