Graph Coloring Bibliography

Marco Chiarandini
Fachgebiet Intellektik
Fachbereich Informatik
Technische Universit=E4t Darmstadt
Alexanderstrasse 10
D-64283 Darmstadt - Germany

References

[1] D. Brélaz. New methods to color the vertices of a graph. *Communications of the ACM*, 22(4):251–256, 1979.

[2] D. Costa and A. Hertz. Ants can colour graphs. *Journal of the Operational Research Society*, 48:295–305, 1997.

[3] A. Hertz and D. de Werra. Using tabu search techniques for graph coloring. *Computing*, 39:345–351, 1987.

[4] A. Hertz, B. Jaumard, and M. Poggi de Aragão. Local optima topology for the k-coloring problem. *Discrete Applied Mathematics*, 49:257–280, 1994.

[5] T.R. Jensen and B. Toft. *Graph Coloring Problems.* John Wiley & Sons, New York, 1994.

[6] D.S. Johnson, C.R. Aragon, L.A. McGeoch, and C. Schevon. Optimization by simulated annealing: An experimental evaluation: Part II, graph coloring and number partitioning. *Operations Research*, 39(3):378–406, 1991.

[7] A. Mehrotra and M. Trick. A column generation approach for graph coloring. *INFORMS Journal On Computing*, 8(4):344–354, 1996.

[8] S. Minton, M.D. Johnston, A.B. Philips, and P. Laird. Minimizing conflicts: A heuristic repair method for constraint satisfaction and scheduling problems. *Artificial Intelligence*, 52:161–205, 1992.

[9] L. Paquete and T. Stützle. An experimental investigation of iterated local search for coloring graphs. In S. Cagnoni, J. Gottlieb, E. Hart, M. Middendorf, and G.R. Raidl, editors, *Applications of Evolutionary Computing*, LNCS 2270, pages 122–131. Springer-Verlag, 2002.

[10] M.G.C. Resende and T.A. Feo. A GRASP for satisfiability. In D.S. Johnson and M.A. Trick, editors, *Cliques, Coloring, and Satisfiability: Second DIMACS Implementation Challenge*, volume 26, pages 499–520. American Mathematical Society, 1996.

[11] T. Stützle. *Local Search Algorithms for Combinatorial Problems — Analysis, Improvements, and New Applications.* PhD thesis, TU Darmstadt, FB Informatik, 1998.