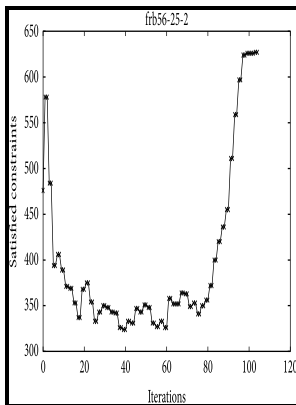


Schema for constraint relaxation with instantiations for partial constraints partial constraint satisfaction and schedule optimization

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A brief overview of over

Still, in the last ten years, the simple notion of constraints has shown some deficiencies concerning both theory and practice, typically in the way over-constrained problems and preferences are treated. In: Burke E and Ross P eds. Mora Wastl introduced for first time a tableaux-like method based on an inference system for deriving all minimal keys from a relational schema.

Constraint satisfaction problems: Algorithms and applications

Efficient Labeling and Constraint Relaxation for Solving Time Tabling Problems. The application of a graph coloring method to an examination scheduling problem.

Constraint Solving for Proof Planning, Journal of Automated Reasoning

Constraint Logic Programming: An Informal Introduction. The proposed method is systematically evaluated on a new hand gesture dataset, SKIG, that we collected ourselves and the public MSRDailyActivity3D dataset, respectively. Automatic optimization of subproblems in scheduling airline crews.

Knowledge

Standard backtracking and local consistency techniques for solving constraint satisfaction problems can be adapted to cope with, and take advantage of, the differences between partial and complete constraint satisfaction.

Constraint satisfaction problems: Algorithms and applications

This methodology could be used for various instances of the timetabling problem, although in this paper the solution of the high-school situation in Greece is presented. The results obtained show clearly that the CG approach that has been extremely successful in recent years in the solution of airline crew scheduling problems could also be very efficient and robust for the solution of timetabling problems.

Seminars for Soft Constraint Solving and Programming

In Ugo Montanari and Francesca Rossi, editors, CP'95: Proceedings of the First International Conference on Principles and Practice of Constraint Programming 1995, LNCS 976, pages 549—562.

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