

1. Record Nr.	UNINA9910483811503321
Titolo	Integration of AI and OR techniques in constraint programming for combinatorial optimization problems : third international conference, CPAIOR 2006, Cork, Ireland, May 31-June 2, 2006 : proceedings // J. Christopher Beck, Barbara M. Smith (eds.)
Pubbl/distr/stampa	Berlin, : Springer, 2006
ISBN	3-540-34307-5
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (X, 301 p.)
Collana	Lecture notes in computer science, , 0302-9743 ; ; 3990 LNCS sublibrary. SL 1, Theoretical computer science and general issues
Altri autori (Persone)	BeckJ. Christopher SmithBarbara <1948->
Disciplina	006.3
Soggetti	Constraints (Artificial intelligence) Constraint programming (Computer science) Combinatorial optimization Artificial intelligence Operations research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- Opt Art -- Planning for Mixed Discrete Continuous Domains -- Duality in Optimization and Constraint Satisfaction -- Technical Papers -- A Totally Unimodular Description of the Consistent Value Polytope for Binary Constraint Programming -- Undirected Forest Constraints -- Allocation, Scheduling and Voltage Scaling on Energy Aware MPSoCs -- The Range Constraint: Algorithms and Implementation -- On the Separability of Subproblems in Benders Decompositions -- A Hybrid Column Generation and Constraint Programming Optimizer for the Tail Assignment Problem -- The Power of Semidefinite Programming Relaxations for MAX-SAT -- Expected-Case Analysis for Delayed Filtering -- Plan B: Uncertainty/Time Trade-Offs for Linear and Integer Programming -- Progressive Solutions: A Simple but Efficient Dominance Rule for Practical RCPSP -- AND/OR Branch-and-Bound Search for Pure 0/1 Integer Linear Programming Problems -- The Timetable Constrained Distance Minimization Problem

-- Conflict-Directed A* Search for Soft Constraints -- Event-Driven Probabilistic Constraint Programming -- Online Stochastic Reservation Systems -- Traveling Tournament Scheduling: A Systematic Evaluation of Simulated Annealing -- Open Constraints in a Closed World -- Conditional Lexicographic Orders in Constraint Satisfaction Problems -- An Efficient Hybrid Strategy for Temporal Planning -- Improved Algorithm for the Soft Global Cardinality Constraint.
