1. Record Nr. UNISALENTO991000851239707536

Autore	Matthews, Paul L.
Titolo	Choosing and using ECL / Paul L. Matthews
Pubbl/distr/stampa	London : Granada Publishing, 1983
ISBN	0246118776
Descrizione fisica	vii, 168 p. : ill. ; 24 cm.
Classificazione	621.3.9 621.381'73 TK7888.4.M38
Soggetti	Emitter-coupled logic circuits
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.

2. Record Nr. UNINA9910967527303321

Autore	Abramovich Sergei
Titolo	Computer-enabled mathematics : integrating experiment and theory in teacher education / / Sergei Abramovich
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2011
ISBN	1-61209-031-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (275 p.)
Collana	Education in a competitive and globalizing world
Disciplina	510.71
Soggetti	Mathematics teachers - Training of Mathematics - Study and teaching (Secondary) - Data processing Mathematics - Computer-assisted instruction Electronic data processing - Study and teaching (Secondary)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [257]-258) and index.
Nota di contenuto	The multiplication table from an advanced standpoint -- Algebraic equations with parameters -- Inequalities and spreadsheet modeling -- Geometric probabilities -- Combinatorial explorations -- Historical perspectives -- Computational experiments and formal demonstration in trigonometry -- Developing models for computational problem solving -- Programming details.
Sommario/riassunto	Addresses core recommendations by the Conference Board of the Mathematical Sciences - an umbrella organisation consisting of sixteen professional societies in the United States - regarding the mathematical preparation of the teachers.

3.	Record Nr.	UNINA9910483618003321
	Titolo	Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems : Second International Conference, CPAIOR 2005, Prague, Czech Republic, May 31 -- June 1, 2005 / / edited by Roman Barták, Michela Milano
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
	ISBN	9783540322641
	Edizione	[1st ed. 2005.]
	Descrizione fisica	1 online resource (XII, 412 p.)
	Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 3524
	Altri autori (Persone)	BartakRoman MilanoMichela
	Disciplina	005.1/16
	Soggetti	Artificial intelligence Numerical analysis Computer science - Mathematics Discrete mathematics Computer networks Information technology - Management Artificial Intelligence Numerical Analysis Discrete Mathematics in Computer Science Computer Communication Networks Computer Application in Administrative Data Processing
	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 Papers -- Integration of Rules and Optimization in Plant PowerOps -- Embedded Systems Design: Optimization Challenges -- Models for Solving the Travelling Salesman Problem -- Technical Papers -- Set Variables and Local Search -- The Temporal Knapsack Problem and Its Solution -- Simplifying Diagnosis Using LSAT: A Propositional Approach to Reasoning from First Principles -- The tree Constraint -- Filtering Algorithms for the NValue Constraint -- Identifying and Exploiting Problem Structures Using Explanation-Based

Constraint Programming -- A Hybrid Algorithm for a Class of Resource Constrained Scheduling Problems -- On the Minimal Steiner Tree Subproblem and Its Application in Branch-and-Price -- Constraint Programming Based Column Generation for Employee Timetabling -- Scheduling Social Golfers Locally -- Multiconsistency and Robustness with Global Constraints -- Mixed Discrete and Continuous Algorithms for Scheduling Airborne Astronomy Observations -- Shorter Path Constraints for the Resource Constrained Shortest Path Problem -- Improving the Cooperation Between the Master Problem and the Subproblem in Constraint Programming Based Column Generation -- Group Construction for Airline Cabin Crew: Comparing Constraint Programming with Branch and Price -- A Search-Infer-and-Relax Framework for Integrating Solution Methods -- Combining Arc-Consistency and Dual Lagrangean Relaxation for Filtering CSPs -- Symmetry Breaking and Local Search Spaces -- Combination of Among and Cardinality Constraints -- On the Tractability of Smooth Constraint Satisfaction Problems -- A SAT-Based Decision Procedure for Mixed Logical/Integer Linear Problems -- Symmetry and Search in a Network Design Problem -- Integrating CSP Decomposition Techniques and BDDs for Compiling Configuration Problems -- Formulations and Reformulations in Integer Programming -- Nondeterministic Control for Hybrid Search -- Computing Explanations for the Unary Resource Constraint.

Sommario/riassunto

The 2nd International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems (CPAIOR2005)washeldinPrague,CzechRepublic,duringMay31–June1,2005. The conference is intended primarily as a forum to focus on the integration and hybridization of the approaches of constraint programming (CP), arti?cial intelligence (AI), and operations research (OR) technologies for solving large-scale and complex real-life optimization problems. Therefore, CPAIOR is never far from industrial applications. The high number of submissions received this year, almost 100 papers, in witness to the interest of the research community in this conference. From these submissions, we chose 26 to be published in full in the proceedings. This volume includes summaries of the invited talks of CPAIOR: one from industry, one from the embedded system research community, and one from the operations research community. The invited speakers were: Filippo Focacci from ILOGS.A.,France,oneoftheleadingcompaniesinthe?eld; PaulPop,professor in the Embedded Systems Lab in the Computer and Information Science - partment, Link¨ oping University; and Paul Williams, full professor of Operations Research at the London School of Economics. The day before CPAIOR, a Master Class was organized by Gilles Pesant, where leading researchers gave introductory and overview talks in the area of metaheuristics and constraint programming. The Master Class was intended for PhD students, researchers, and practitioners. We are very grateful to Gilles who brought this excellent program together. For conference publicity we warmly thank Willem Jan van Hoeve and Petr Vil´ ?m who did a great job with the high number of submissions received.