1. Record Nr. UNISA996466284503316

Titolo	Integration of AI and OR Techniques in Constraint Programming [[electronic resource]] : 14th International Conference, CPAIOR 2017, Padua, Italy, June 5-8, 2017, Proceedings / / edited by Domenico Salvagnin, Michele Lombardi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-59776-0
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XXIII, 420 p. 78 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 10335
Disciplina	005.116
Soggetti	Numerical analysis Artificial intelligence—Data processing Computer science—Mathematics Discrete mathematics Algorithms Artificial intelligence Operations research Management science Numerical Analysis Data Science Discrete Mathematics in Computer Science Artificial Intelligence Operations Research, Management Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Sharpening Constraint Programming approaches for Bit-Vector Theory -- Range-Consistent Forbidden Regions of Allen's Relations -- MDDs are Efficient Modeling Tools: An Application to Dispersion Constraints -- On Finding the Optimal Relaxed Decision Diagram -- Design and Implementation of Bounded-Length Sequence Variables -- In Search of Balance: The Challenge of Generating Balanced Latin Rectangles --

Debugging Unsatisfiable Constraint Models -- Learning Decision Trees with Exible Constraints and Objectives Using Integer Optimization -- Relaxation Methods for Constrained Matrix Factorization Problems: Solving the Phase Mapping Problem in Materials Discovery -- Minimizing Landscape Resistance for Habitat Conservation -- A Hybrid Approach for Stator Winding Design Optimization -- A Distributed Optimal Method for the Geographically Distributed Data Centres Problem -- Explanation-Based-Weighted Degree -- Counting-Weighted Spanning Trees to Solve Constrained Minimum Spanning Tree Problems -- The Weighted Arborescence Constraint -- Learning When to Use a Decomposition -- Experiments with Conict Analysis in Mixed Integer Programming -- A First Look at Picking Dual Variables for Maximizing Reduced-cost Based fixing -- Experimental Validation of Volume-based Comparison for Double-McCormick Relaxations -- Vehicle Routing Problem with Min-max Objective and Heterogeneous Fleet -- Solving the Traveling Salesman Problem with Time Windows with Dynamic Discretization Discovery -- A Fast Prize-collecting Steiner Forest Algorithm for Functional Analyses in Biological Networks -- Scenario Based Learning for Stochastic Combinatorial Optimization -- Optimal Stock Sizing in a Cutting Stock Problem with Stochastic Demands -- Stochastic Task Networks: Trading Performance for Stability -- Rescheduling Railway Traffic on Real Time Situations Using Time-Interval Variables -- A Multi-stage Simulated Annealing Algorithm for the Torpedo Scheduling Problem -- Combining CP and ILP in a Tree Decomposition of Bounded Height to Solve the Sum Coloring Problem -- A Free, Open-Source Framework for (Customized) Tree Decompositions and Beyond -- The Nemhauser-Trotter Reduction and Lifted Message Passing for Weighted CSPs -- A Local Search Approach for Incomplete Soft Constraint Problems: Experimental Results on Meeting Scheduling Problems.

Sommario/riassunto

This book constitutes the proceedings of the 14th International Conference on Integration of Artificial Intelligence and Operations Research Techniques in Constraint Programming for Combinatorial Optimization Problems, CPAIOR 2017, held in Padua, Italy, in June 2017. The 32 full papers presented together with 6 abstracts were carefully reviewed and selected from numerous submissions. The conference brings together interested researchers from constraint programming, artificial intelligence, and operations research to present new techniques or applications in the intersection of these fields and provides an opportunity for researchers in one area to learn about techniques in the others, and to show how the integration of techniques from different fields can lead to interesting results on large and complex problems.

2. Record Nr. UNINA9910300210403321

Titolo	Dialysis Access Management / / edited by Steven Wu, Sanjeeva P. Kalva
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-09093-3
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (271 p.)
Disciplina	610 616.0757 616.61 617413
Soggetti	Nephrology Interventional radiology Blood-vessels - Surgery Interventional Radiology Vascular Surgery
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.
Nota di contenuto	Angiographic Imaging Equipment -- Endovascular Tools -- Basic Endovascular Skills and Techniques -- Radiation Safety -- Conscious Sedation and Anesthesia Care -- Vascular Anatomy for Hemodialysis Access -- Hemodialysis Access: Types -- Hemodialysis Access: Physical Examination and Surveillance -- Hemodialysis Access: Imaging Diagnosis -- Angiogram and Angioplasty -- Declotting of Hemodialysis Arteriovenous Access -- Endovascular Stent Placement -- Minimally Invasive Banding Procedure -- Peripheral Arterial Disease in Hemodialysis Access -- Non-tunneled Hemodialysis Catheter -- Tunneled Hemodialysis Catheter -- Surgical Placement of Hemodialysis Vascular Accesses -- Surgical Management of Deep Fistulae Veins -- Preoperative and Postoperative Care for Hemodialysis Vascular Access Surgery.
Sommario/riassunto	This practical book covers the basic principles and practice of dialysis access management, a crucial part of the care of patients undergoing hemodialysis. It has been written in an easy-to-read, step-by-step

format to help facilitate learning and understanding of the procedures, and has been supplemented with numerous operative photographs and diagrams demonstrating the commonly performed dialysis access exams, interventions, procedures and surgeries. Dialysis Access Management is an essential text for residents, fellows, and physicians who are learning or practicing in dialysis and/or dialysis access management, especially in the fields of nephrology, radiology, surgery, and vascular medicine.