1.   Record Nr.   UNISA996201496703316

      Titolo   2010 12th International Conference on Transparent Optical Networks

      Pubbl/distr/stampa   [Place of publication not identified], : I E E E, 2010

      ISBN   1-4244-7798-0

                                 1-4244-7797-2

      Descrizione fisica   1 online resource

      Disciplina   621.367

      Soggetti   Optical data processing

      Lingua di pubblicazione   Inglese

      Formato   Materiale a stampa

      Livello bibliografico   Monografia

      Note generali   Bibliographic Level Mode of Issuance: Monograph

2.   Record Nr.   UNINA9910437564403321

      Autore   Downey Rodney G

      Titolo   Fundamentals of Parameterized Complexity / / by Rodney G. Downey, Michael R. Fellows

      Pubbl/distr/stampa   London : , : Springer London : , : Imprint : Springer, , 2013

      ISBN   1-4471-5559-9

      Edizione   [1st ed. 2013.]

      Descrizione fisica   1 online resource (XXX, 763 p. 83 illus.)

      Collana   Texts in Computer Science, , 1868-0941

      Disciplina   005.1

      Soggetti   Algorithms

                                   Algorithm Analysis and Problem Complexity

                                   Mathematics of Algorithmic Complexity

      Lingua di pubblicazione   Inglese

      Formato   Materiale a stampa

      Livello bibliografico   Monografia

      Note generali   Bibliographic Level Mode of Issuance: Monograph

      Nota di contenuto   Introduction -- Part I: Parameterized Tractability -- Preliminaries -- The Basic Definitions -- Part II: Elementary Positive Techniques --

Bounded Search Trees -- Kernelization -- More on Kernelization -- Iterative Compression, and Measure and Conquer, for Minimization Problems -- Further Elementary Techniques -- Colour Coding, Multilinear Detection, and Randomized Divide and Conquer -- Optimization Problems, Approximation Schemes, and Their Relation to FPT -- Part III: Techniques Based on Graph Structure -- Treewidth and Dynamic Programming -- Heuristics for Treewidth -- Automata and Bounded Treewidth -- Courcelle's Theorem -- More on Width-Metrics: Applications and Local Treewidth -- Depth-First Search and the Plehn-Voigt Theorem -- Other Width Metrics -- Part IV: Exotic Meta-Techniques -- Well-Quasi-Orderings and the Robertson-Seymour Theorems -- The Graph Minor Theorem -- Applications of the Obstruction Principle and WQOs -- Part V: Hardness Theory -- Reductions -- The Basic Class W[1] and an Analog of Cook's Theorem -- Other Hardness Results -- The W-Hierarchy -- The Monotone and Antimonotone Collapses -- Beyond W-Hardness -- k-Move Games -- Provable Intractability: The Class XP -- Another Basis -- Part VI: Approximations, Connections, Lower Bounds -- The M-Hierarchy, and XP-optimality -- Kernelization Lower Bounds -- Part VII: Further Topics -- Parameterized Approximation -- Parameterized Counting and Randomization -- Part VIII: Research Horizons -- Research Horizons -- Part IX Appendices -- Appendix 1: Network Flows and Matchings -- Appendix 2: Menger's Theorems.

| Sommario/riassunto | The field of parameterized complexity/multivariate complexity algorithmics is an exciting and vibrant part of theoretical computer science, responding to the vital need for efficient algorithms in modern society. This comprehensive and self-contained textbook presents an accessible overview of the state of the art of multivariate algorithmics and complexity. Increasingly, multivariate algorithmics is having significant practical impact in many application domains, with even more developments on the horizon. The text describes how the multivariate framework allows an extended dialog with a problem, enabling the reader who masters the complexity issues under discussion to use the positive and negative toolkits in their own research. Topics and features: Describes many of the standard algorithmic techniques available for establishing parametric tractability Reviews the classical hardness classes Explores the various limitations and relaxations of the methods Showcases the powerful new lower bound techniques Examines various different algorithmic solutions to the same problems, highlighting the insights to be gained from each approach Demonstrates how complexity methods and ideas have evolved over the past 25 years This classroom-tested and easy-to-follow textbook/reference is essential reading for the beginning graduate student and advanced undergraduate student. The book will also serve as an invaluable resource for the general computer scientist and the mathematically-aware scientist seeking tools for their research. |

3.	Record Nr.	UNINA9910954591003321
	Autore	Marmo Liza
	Titolo	Compact clinical guide to critical care, trauma and emergency pain management : an evidence-based approach for nurses / / Liza Marmo, Yvonne D'Arcy
	Pubbl/distr/stampa	New York, : Springer Pub., c2013
	ISBN	0-8261-0808-3
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (373 p.)
	Collana	The compact clinical guide series
	Altri autori (Persone)	D'ArcyYvonne M
	Disciplina	616/.0472 616.0472
	Soggetti	Pain - Treatment
	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 and index.
	Nota di contenuto	The problem of pain in the critically ill -- Physiologic response and metabolic response to pain -- The art and science of pain assessment -- Assessment tools for the critically ill patient -- Assessment of pain in specialty populations -- Medication management with nonopioid medications -- Opioid analgesics -- Coanalgesics for additive pain relief -- The effect of opioid polymorphisms and patient response to medications -- Complementary and integrative therapies for pain management -- Surgical and procedural pain management -- Using patient controlled analgesia (PCA) in critical care -- Regional techniques and epidural analgesia for pain relief in critical care -- Managing pain in cardio-thoracic critical care patients -- Managing patient pain in the medical ICU -- Managing pain in the patient presenting to the emergency department -- Managing pain in the injured patient -- Special pain populations -- Pain, addiction, and opioid dependency in critical care patients.
	Sommario/riassunto	This concise, comprehensive, evidence-based guide to managing cancer pain will enable nurses on the front lines of pain management to incorporate effective strategies into their daily practice. It is designed to facilitate quick information retrieval. This book focuses on all aspects of cancer pain, including assessment and screening tools, pharmacologic and nonpharmacologic treatment options, current national guidelines for pain management, regional anesthesia

techniques, patient-controlled anesthesia, and epidural pain management. It also includes updated information on the effect of opioid