1. Record Nr. UNIPARTHENOPE000003332

Autore	Mancini, Daniela
Titolo	L'azienda nella "rete di imprese" : la prospettiva del controllo relazionale / Daniela Mancini
Pubbl/distr/stampa	Milano : Giuffrè, 1999c
ISBN	88-14-07910-2
Descrizione fisica	XVIII, 204 p. : ill. ; 24 cm
Collana	Collana di studi economico-aziendali "E. Giannessi" , N.S. ; 29
Disciplina	658.044
Collocazione	658-A/2
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910457188003321

Titolo	Adaptive motion compensation in radiotherapy / / edited by Martin J. Murphy
Pubbl/distr/stampa	Boca Raton, Fla. : , : CRC Press, , 2012
ISBN	0-429-19348-3 1-280-12176-9 9786613525628 1-4398-2194-1
Descrizione fisica	1 online resource (163 p.)
Collana	Imaging in medical diagnosis and therapy
Altri autori (Persone)	MurphyMartin J
Disciplina	615.8/42
Soggetti	Image-guided radiation therapy Radiotherapy - Data processing Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A Taylor & Francis book.

Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Contents; Series Preface; Preface; About the Editor; List of Contributors; Introduction; 1. Real-Time Tumor Localization; 2. Theoretical Aspects of Target Detection and Tracking; 3. Respiratory Gating; 4. The CyberKnife® Image-Guided Radiosurgery System; 5. Fundamentals of Tracking with a Linac Multileaf Collimator; 6. Couch-Based Target Alignment; 7. Robotic LINAC Tracking Based on Correlation and Prediction; 8. Treatment Planning for Motion Adaptation in Radiation Therapy; 9. Treatment Planning for Motion Management via DMLC Tracking 10. Real-Time Motion Adaptation in Tomotherapy® Using a Binary MLC11. Combination of a LINAC with 1.5 T MRI for Real-Time Image Guided Radiotherapy; 12. The ViewRayTM System; 13. Fault Detection in Image-Based Tracking
Sommario/riassunto	Preface External-beam radiotherapy has long been vexed by the simple fact that patients can (and do) move during the delivery of radiation. The most elegant and forward-looking solution to this reality is to actively adapt the radiation delivery process to the patient's natural movements. Recent advances in imaging and beam delivery technologies have now made this solution a practical reality. The purpose of this book is to present to researchers and clinical practitioners in radiation therapy an overview of the current and prospective state of the art in motion-adaptive radiation therapy. It presents technical reviews of each of the contributing elements of a motion-adaptive system (including target detection and tracking, beam adaptation, and patient realignment), discusses treatment planning issues that arise when the patient and internal target are mobile, describes several integrated motion-adaptive systems that are in clinical use or at advanced stages of development, and concludes with a review of the system control functions that must be an essential part of any therapy device that operates in a near-autonomous manner with limited human interaction. From these chapters, the reader will hopefully gain not only an understanding of the technical aspects and capabilities of motion adaptation but also practical clinical insights into planning and carrying out various types of motion-adaptive radiotherapy treatment--Provided by publisher.

3. Record Nr. UNINA9910144920103321

Titolo	Parallel Computing Technologies [[electronic resource]] : 4th International Conference, PaCT-97, Yaroslavl, Russia, September 8-12, 1997. Proceedings / / edited by Victor Malyshkin
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1997
ISBN	3-540-69525-7
Edizione	[1st ed. 1997.]
Descrizione fisica	1 online resource (XV, 461 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1277
Disciplina	004/.35
Soggetti	Computer architecture Software engineering Computer organization Computers Algorithms Computer simulation Computer System Implementation Software Engineering/Programming and Operating Systems Computer Systems Organization and Communication Networks Computation by Abstract Devices Algorithm Analysis and Problem Complexity Simulation and Modeling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Parallel computations on finite partially ordered sets -- Tight lower bounds for computing shortest paths on proper interval and bipartite permutation graphs -- Using run-time uncertainty to robustly schedule parallel computation -- A Tuple-based data structure for distributed parallel processing of 3D dynamic meshes -- The application of parallel computations technique to the solution of certain hydrodynamic stability problems -- A formal framework for the analysis of recursive-parallel programs -- Systematic design of 3-dimensional fixed-size array processors -- On proving large distributed systems: Petri net

modules verification -- Influence of self-connection weights on cellular-neural network stability -- Estimating the parallel start-up overhead for parallelizing compilers -- Parallel and distributed evolutionary computation with MANIFOLD -- Parallel computation of fractal sets with the help of neural networks and cellular automata -- On a technology of design and analysis of dataflow programs -- An integer linear programming model of software pipelining for the MIPS R8000 processor -- Computations on cellular automata with defects -- Efficient implementation of the improved unsymmetric Lanczos process on massively distributed memory computers -- A spatial grid file for multimedia data representation -- Optimization techniques and performance analysis for different serial and parallel RISC-based computers -- Analysis of a distributed election algorithm using COVERS 3.0 — A case study -- A unified software pipeline construction scheme for modulo scheduled loops -- An HPF case study of a domain-decomposition based irregular application -- Hybrid approach to task allocation in distributed systems -- Viability of multithreading on networks of workstations -- Task migration and fine grain parallelism on distributed memory architectures -- A scheme for building visual debugging environment with dynamic debugging method for parallel systems -- Control-driven coordination programming in shared dataspace -- Performance analysis of geometric modeling algorithm -- 3D visual tool supporting derivation of parallel programs for MIMD systems -- Scheduling algorithms for parallel transaction processing systems -- Communications in parallel architectures and networks of workstations: From standardisation to new standards -- A multithreaded vector co-processor -- Hardware support for 3D cellular processing -- Cellular neural-like algorithms with heuristics for solving combinatorial optimization problems -- Analysis of methods for solving large-scale non-symmetric linear systems with sparsed matrices -- Parallel simulation of non-linear phenomena with cellular automata -- Modelling of seismic waves propagation for 2D media (direct and inverse problems) -- Decomposition on a group and parallel convolution and fast Fourier transform algorithms -- Parallel implementation of symmetric alternating direction implicit methods -- Construction of composed ALT-models of cellular architectures -- Parallel computation of an unsteady compressible flow -- Parallel simulation technologies for stochastic systems -- Parallel direct algorithms for solution of sparse linear systems -- Scheduling parallel programs involving parallel database interactions -- The base module of multiprocessor system with structural-procedural organization of computing -- Bitwise processing — a paradigm for deriving parallel algorithms -- Tuning shared network cache size vs. second-level cache size in clusters-based multiprocessors -- A simple, multi-architecture, parallel procedure for generating combinations -- Processing and debugging of parallel programs on the level of task model -- Systolic modular exponentiation -- The highly parallel incomplete Gram-Schmidt preconditioner -- COVERS 3.0 — A C++ based graphical modeling and simulation tool -- Simulating cellular computations with ALT. A tutorial -- SPARTH: A family of systems for parallel high-accuracy computations.

Sommario/riassunto

This book constitutes the refereed proceedings of the Fourth International Conference on Parallel Computing Technologies, PaCT-97, held in Yaroslavl, Russia, in September 1997. The volume presents a total of 54 contributions: 21 full papers, 20 short papers, 10 posters, and three tutorials. All papers were selected for inclusion in the proceedings from numerous submissions on the basis of three independent reviews. The volume covers all current topics in parallel

processing; it is divided into sections on theory, software, hardware and architecture, applications, posters, and tutorials.