

1. Record Nr.	UNISA996465905203316
Titolo	Parallel Computing Technologies [[electronic resource]] : 8th International Conference, PaCT 2005, Krasnoyarsk, Russia, September 5-9, 2005, Proceedings / / edited by Malyshkin Victor
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XII, 472 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 3606
Disciplina	004/.35
Soggetti	Software engineering Computer systems Computer programming Computer engineering Computer networks Algorithms Computer simulation Software Engineering Computer System Implementation Programming Techniques Computer Engineering and Networks Computer Modelling
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	On Evaluating the Performance of Security Protocols -- Timed Equivalences for Timed Event Structures -- Similarity of Generalized Resources in Petri Nets -- Real-Time Event Structures and Scott Domains -- Early-Stopping k-Set Agreement in Synchronous Systems Prone to Any Number of Process Crashes -- Allowing Atomic Objects to Coexist with Sequentially Consistent Objects -- An Approach to the Implementation of the Dynamical Priorities Method -- Information Flow Analysis for VHDL -- Composing Fine-Grained Parallel Algorithms for Spatial Dynamics Simulation -- Situated Agents Interaction:

Coordinated Change of State for Adjacent Agents -- Optimal Behavior of a Moving Creature in the Cellular Automata Model -- Systolic Routing in an Optical Butterfly -- Feasibility of the Circularly Connected Analog CNN Cell Array-Based Viterbi Decoder -- Associative Parallel Algorithm for Dynamic Reconstruction of a Minimum Spanning Tree After Deletion of a Vertex -- The Use of Vertical Processing Principle in Parallel Image Processing on Conventional MIMD Computers -- Parallel Implementation of Back-Propagation Neural Network Software on SMP Computers -- Development of Predictive TFRC with Neural Network -- Planning of Parallel Abstract Programs as Boolean Satisfiability -- Efficient Communication Scheduling Methods for Irregular Data Redistribution in Parallelizing Compilers -- Online Virtual Disk Migration with Performance Guarantees in a Shared Storage Environment -- ParC#: Parallel Computing with C# in .Net -- Minimizing Hotspot Delay by Fully Utilizing the Link Bandwidth on 2D Mesh with Virtual Cut-Through Switching -- A Shape Optimizing Load Distribution Heuristic for Parallel Adaptive FEM Computations -- Performance Analysis of Applying Replica Selection Technology for Data Grid Environments -- RAXML-OMP: An Efficient Program for Phylogenetic Inference on SMPs -- OpenTS: An Outline of Dynamic Parallelization Approach -- NumGrid Middleware: MPI Support for Computational Grids -- A Practical Tool for Detecting Races in OpenMP Programs -- Comprehensive Cache Inspection with Hardware Monitors -- A Fast Technique for Constructing Evolutionary Tree with the Application of Compact Sets -- XenoCluster: A Grid Computing Approach to Finding Ancient Evolutionary Genetic Anomalies -- A Model for Designing and Implementing Parallel Applications Using Extensible Architectural Skeletons -- A Parallel Computational Code for the Education of Coherent Structures of Turbulence in Fluid Dynamics -- Experimenting with a Multi-agent E-Commerce Environment -- A Parallel Version for the Propagation Algorithm -- Parallelization Techniques for Multidimensional Hypercomplex Discrete Fourier Transform -- An Implementation of the Matrix Multiplication Algorithm SUMMA in mpF -- The Parallel Implementation of the Algorithm Solution of Model for Two-Phase Cluster in Liquids -- Neural Network Approach for Parallel Construction of Adaptive Meshes -- Clustering Multiple and Cooperative Instances of Computational Intensive Software Tools -- A Multigrid Parallel Program for Protoplanetary Disc Simulation.

2. Record Nr.	UNINA9910164875303321
Autore	Singhal Chetna
Titolo	Resource allocation in next-generation broadband wireless access networks // Chetna Singhal and Swades De [editors]
Pubbl/distr/stampa	Hershey, Pennsylvania : , : IGI Global, , 2017 ©2017
Descrizione fisica	PDFs (334 pages) : illustrations
Collana	Advances in Wireless Technologies and Telecommunication (AWTT) Book Series
Disciplina	621.382
Soggetti	Wireless communication systems Heterogeneous computing Broadband communication systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Adaptive multimedia services in next-generation broadband wireless access network / Chetna Singhal, Pradip Kumar Barik -- Radio environment maps and its utility in resource management for dynamic spectrum access networks / Saptarshi Debroy, Mainak Chatterjee -- Fulfilling the rate demands: subcarrier-based shared resource allocation / Ravikant Saini, Swades De -- Design and measurement results for cooperative device to device communication / Naveen Gupta, Vivek Ashok Bohara, Vibhutesh Kumar Singh -- Green cognitive relay communications with hardware impairments for future wireless networks / Nalin Dushantha Kumara Jayakody, Dang Khoa Nguyen -- Link level resource allocation strategies for green communications in LTE-advanced / Prashant Kallappa Wali, Amudheesan Aadhithan N, Debabrata Das -- User-oriented intercell interference coordination in heterogeneous networks (lets) / Zhi Liu [and 5 others] -- Energy efficient resource allocation scheme via auction-based offloading in next-generation heterogeneous networks / Alexandra Bousia -- D2D- and DTN-based efficient data offloading techniques for 5G networks / Bighnaraj Panigrahi [and 3 others] -- Resource allocation in multi-tier femtocell and visible-light heterogeneous wireless networks / Eirini Eleni Tsiropoulou, Panagiotis Vamvakas, Symeon Papavassiliou -- Fault

tracking framework for software-defined networking (SDN) / Amitava Mukherjee [and 3 others] -- Experimental study of SDN-based evolved packet core architecture for efficient user mobility support / Sakshi Chourasia, Krishna Moorthy Sivalingam.

Sommario/riassunto

"[This book] is a comprehensive reference source for the latest scholarly research on upcoming 5G technologies for next generation mobile networks, examining the various features, solutions, and challenges associated with such advances. Highlighting relevant coverage across topics such as energy efficiency, user support, and adaptive multimedia services, this book is ideally designed for academics, professionals, graduate students, and professionals interested in novel research for wireless innovations"--Provided by publisher.
