1. Record Nr. UNINA9910710207403321

Autore	Fink J. L
Titolo	Corrosion evaluation of underground telephone cable shielding materials / / J. L. Fink; E. Escalante
Pubbl/distr/stampa	Gaithersburg, MD : , : U.S. Dept. of Commerce, National Institute of Standards and Technology, , 1983
Descrizione fisica	1 online resource
Collana	NBSIR ; ; 83-2702
Altri autori (Persone)	FinkJ. L
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Titolo	Languages and Compilers for High Performance Computing : 17th International Workshop, LCPC 2004, West Lafayette, IN, USA, September 22-24, 2004, Revised Selected Papers / / edited by Rudolf Eigenmann, Zhiyuan Li, Samuel P. Midkiff
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (X, 494 pages)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 3602
Altri autori (Persone)	EigenmannRudolf LiZhiyuan <1954-> MidkiffSamuel P <1954-> (Samuel Pratt)
Disciplina	004/.35
Soggetti	Compilers (Computer programs) Computer programming Computer science Computer networks Computer arithmetic and logic units Artificial intelligence - Data processing Compilers and Interpreters Programming Techniques Theory of Computation Computer Communication Networks Arithmetic and Logic Structures Data Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographic references and index.
Nota di contenuto	Experiences in Using Cetus for Source-to-Source Transformations -- The LLVM Compiler Framework and Infrastructure Tutorial -- An Overview of the Open Research Compiler -- Trimaran: An Infrastructure for Research in Instruction-Level Parallelism -- Phase-Based Miss Rate Prediction Across Program Inputs -- Speculative Subword Register Allocation in Embedded Processors -- Empirical Performance-Model

Driven Data Layout Optimization -- Implementation of Parallel Numerical Algorithms Using Hierarchically Tiled Arrays -- A Geometric Approach for Partitioning N-Dimensional Non-rectangular Iteration Spaces -- JuliusC: A Practical Approach for the Analysis of Divide-and-Conquer Algorithms -- Exploiting Parallelism in Memory Operations for Code Optimization -- An ILP-Based Approach to Locality Optimization -- A Code Isolator: Isolating Code Fragments from Large Programs -- The Use of Traces for Inlining in Java Programs -- A Practical MHP Information Analysis for Concurrent Java Programs -- Efficient Computation of Communicator Variables for Programs with Unstructured Parallelism -- Compiling High-Level Languages for Vector Architectures -- HiLO: High Level Optimization of FFTs -- Applying Loop Optimizations to Object-Oriented Abstractions Through General Classification of Array Semantics -- MSA: Multiphase Specifically Shared Arrays -- Supporting SQL-3 Aggregations on Grid-Based Data Repositories -- Supporting XML Based High-Level Abstractions on HDF5 Datasets: A Case Study in Automatic Data Virtualization -- Performance of OSCAR Multigrain Parallelizing Compiler on SMP Servers -- Experiences with Co-array Fortran on Hardware Shared Memory Platforms -- Experiments with Auto-Parallelizing SPEC2000FP Benchmarks -- An Offline Approach for Whole-Program Paths Analysis Using Suffix Arrays -- Automatic Parallelization Using the Value Evolution Graph -- A New Dependence Test Based on Shape Analysis for Pointer-Based Codes -- Partial Value Number Redundancy Elimination -- Overflow Controlled SIMD Arithmetic -- Branch Strategies to Optimize Decision Trees for Wide-Issue Architectures -- Extending the Applicability of Scalar Replacement to Multiple Induction Variables -- Power-Aware Scheduling for Parallel Security Processors with Analytical Models.