

1. Record Nr.	UNINA9910457373503321
Autore	Crais Clifton C.
Titolo	Poverty, war, and violence in South Africa / / Clifton Crais [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2011
ISBN	1-107-22958-8 1-139-15309-9 1-283-34118-2 9786613341181 1-139-16067-2 1-139-00505-7 1-139-16167-9 1-139-15610-1 1-139-15786-8 1-139-15962-3
Descrizione fisica	1 online resource (viii, 190 pages) : digital, PDF file(s)
Disciplina	968
Soggetti	Land settlement - South Africa - History Violence - South Africa - History Economic development - South Africa Rural poor - South Africa - History South Africa History South Africa Colonization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Famished roads -- Maize and markets -- Poverty and plenty -- Politics of land and the crises of the twentieth century.
Sommario/riassunto	Poverty and violence are issues of global importance. In Poverty, War, and Violence in South Africa, Clifton Crais explores the relationship between colonial conquest and the making of South Africa's rural poor. Based on a wealth of archival sources, this detailed history changes our understanding of the origins of the gut-wrenching poverty that

characterizes rural areas today. Crais shifts attention away from general models of economic change and focuses on the enduring implications of violence in shaping South Africa's past and present. Crais details the devastation wrought by European forces and their African auxiliaries. Their violence led to wanton bloodshed, large-scale destruction of property, and famine. Crais explores how the survivors struggled to remake their lives, including the adoption of new crops, and the world of inequality and vulnerability colonial violence bequeathed. He concludes with a discussion of contemporary challenges and the threats to democracy in South Africa.

2. Record Nr.	UNINA9910767524403321
Titolo	Languages and Compilers for Parallel Computing [[electronic resource] ] : 10th International Workshop, LCPC'97, Minneapolis, Minnesota, USA, August 7-9, 1997. Proceedings / / edited by Zhiyuan Li, Pen-Chung Yew, Siddharta Chatterjee, Chua-Huang Huang, P. Sadayappan, David Sehr
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1998
ISBN	3-540-69788-8
Edizione	[1st ed. 1998.]
Descrizione fisica	1 online resource (XII, 440 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1366
Disciplina	005.13
Soggetti	Programming languages (Electronic computers) Computer architecture Computer programming Computers Computer arithmetic and logic units Programming Languages, Compilers, Interpreters Computer System Implementation Programming Techniques Computation by Abstract Devices Arithmetic and Logic Structures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph

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## Nota di contenuto

Quantifying the multi-level nature of tiling interactions -- Reuse-driven tiling for data locality -- Table-lookup approach for compiling two-level data-processor mappings in HPF -- Code generation for complex subscripts in data-parallel programs -- Automatic data decomposition for message-passing machines -- Program analysis of overlap area usage in self-similar parallel programs -- Analysis and optimization of explicitly parallel programs using the parallel program graph representation -- Concurrent static single assignment form and constant propagation for explicitly parallel programs -- Identifying DEF/USE information of statements that construct and traverse dynamic recursive data structures -- Program optimization for concurrent multithreaded architectures -- Interactive compilation and performance analysis with URSA MINOR -- The SPNT test: A new technology for run-time speculative parallelization of loops -- Lowering HPF procedure interface to a canonical representation -- PCRC-based HPF compilation -- Data parallel language extensions for exploiting locality in irregular problems -- Simplifying control flow in compiler-generated parallel code -- Reducing synchronization overhead for compiler-parallelized codes on software DSMs (extended abstract) -- An array data flow analysis based communication optimizer -- A compiler abstraction for machine independent parallel communication generation -- The aggregate function API: It's not just for PAPERS anymore -- Definition of the F?? extension to fortran 90 -- Exploiting parallelism through directives on the nano-threads programming model -- "Optimal" parallelism through integration of data and control parallelism: A case study in complete parallelization -- Java as a language for scientific parallel programming -- Experiences with loop parallelization in javar (A prototype restructuring compiler for java) -- NAMD: A case study in multilingual parallel programming -- A unified software pipeline construction scheme for modulo scheduled loops -- A systematic approach to branch speculation -- Integrating automatic data alignment and array operation synthesis to optimize data parallel programs -- A compiler for the ibm scalable shared memory project machine — extended abstract -- Automatic data layout with read-only replication and memory constraints -- Static analysis of recursive data structures.

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## Sommario/riassunto

This book constitutes the thoroughly refereed post-workshop proceedings of the 10th International Workshop on Languages and Compilers for Parallel Computing, LCPC'97, held in Minneapolis, Minnesota, USA in August 1997 The book presents 28 revised full papers together with four posters; all papers were carefully selected for presentation at the workshop and went through a thorough reviewing and revision phase afterwards. The papers are organized in topical sections on data locality, program analysis, automatic parallelization, HPF extensions and compilers, synchronization and communication, parallel programming models and language extensions, and instruction level parallelism.

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