

<<嵌入式软件与系统Embedded So>>

图书基本信息

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作者：Icess 200 (2004 Hangzhou, China)/ Wu, Zhaohui/ Chen, Chun (EDT)/ Bu, Jiajun (EDT)

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内容概要

This book constitutes the thoroughly refereed postproceedings of the First International Conference on Embedded Software and Systems, ICESS 2004, held in Hangzhou, China in December 2004. The 80 revised full papers presented together with the abstracts of 4 keynote speeches and 4 invited talks were thoroughly reviewed and selected from almost 400 submissions. The papers are organized in topical sections on distributed embedded computing, embedded systems, embedded hardware and architecture, middleware for embedded computing, mobile systems, transducer network, embedded operating system, power-aware computing, real-time system, embedded system verification and testing, and software tools for embedded systems.

书籍目录

Keynote Speeches and Invited Talks Abstracts (Partial) Keynote Speech: Abstraction and the C++ Machine Model Keynote Speech: Industrializing Software Development Keynote Speech: Testing Methodologies for Embedded Systems and Systems-on-Chip Keynote Speech: China Putian Promote Commercial TD-SCDMA Services Invited Talk: Agent-Oriented Approach to Ubiquitous Computing Invited Talk: Resource-Aware Programming Invited Talk: In-House Tools for Low-Power Embedded Systems Invited Talk: CODACS Project: A Development Tool for Embedded System PrototypingTrack 1 Distributed Embedded Computing A Study on Web Services Selection Method Based on the Negotiation Through Quality Broker: A MAUT-based Approach CA-Ex: A Tuning-Incremental Methodology for Communication Architectures in Embedded Systems Efficient Parallel Spatial Join Processing Method in a Shared-Nothing DatabaseCluster System Maximizing Parallelism for Non-uniform Dependence Loops Using Two Parallel Region Partitioning Method The KODAMA Methodology: An Agent-Based Distributed Approach Makoto AmamiyaTrack2 Embedded Systems A New Iris Recognition Approach for Embedded System A RAID Controller: Software, Hardware and Embedded Platform Based on Intel IOP321 Component-Based Integration Towards a Frequency-Regulating Home Appliance Control System Design and Implementation of the System for Remote Voltage Harmonic Monitor Guaranteed Cost Control of Networked Control Systems: An LMI Approach Robust Tuning of Embedded Intelligent PID Controller for Induction Motor Using Bacterial Foraging Based OptimizationTrack3 Embedded Hardware and ArchitectureTrack4 Middleware for Emihedded COmputingTrack5 Mobile SystemTrack6 Transducer NetworkTrack7 Embedded Operating SystemTrack8 Power-Aware COmputingTrack9 Real-Time SyttemTrack10 Embedded System Verificationand TesiingTrack11 Software Tools for Embedded SystemsAuthor Index

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