<<嵌入及无处不在的计算 Embedd>>

图书基本信息

书名: <<嵌入及无处不在的计算 Embedded and ubiquitous computing>>

13位ISBN编号: 9783540366799

10位ISBN编号: 3540366792

出版时间:2006-12

出版时间:湖北辞书出版社

作者: Xu, Cheng-Zhong 编

页数:1170

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内容概要

This book constitutes the refereed proceedings of the International Conference on Embedded and Ubiquitous Computing, EUC 2006, held in Seoul, Korea in August 2006. The 113 revised full papers presented together with 3 keynote articles were carefully reviewed and selected from over 500 submissions. The papers are organized in topical sections on power aware computing, security and fault tolerance, agent and distributed computing, wireless communications, real-time systems, embedded software optimization, embedded systems, multimedia and data management, mobile computing, embedded system design automation, embedded architectures, network protocols, middleware and P2P.

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书籍目录

Keynote On Securing Networked Real-Time Embedded Systems Towards Self-coordinating Ubiquitous Computing Environments Frontier of Digital Technology and Future StrategyPower Aware Computing SAQA: Spatial and Attribute Based Query Aggregation in Wireless Sensor Networks Eificent Algorithm of Energy Minimization for Heterogeneous Wireless Sensor Network Power-Aware Instruction Scheduling Minimising the Energy Consumption of Real-Time Tasks with Precedence Constraints on a Single Processor H.264/AVC Video Player on PAC Dual-Core SoC Platform Dynamic Repartitioning of Real-Time Schedule on a Multicore Processor for Energy EfficiencySecurity and Fault Tolerance 1 A Secure Key Agreement Scheme in Low-Energy Wireless Sensor Networks Person-Wise Privacy Level Access Control for Personal Information Directory Services An Efficient Computing-Checkpoint Based Coordinated Checkpoint Algorithm A Parallel GNFS Algorithm Based on a Reliable Look-Ahead Block Lanczos Method for Integer Factorization SPDA: A Security Protocol for Data Aggregation in Large-Scale Wireless Sensor Networks Efficient and User Friendly Inter-domain Device Authentication/Access Control for Home NetworksAgent and Distributed Computing 1 A Programming Model for the Automatic Construction of USN Applications Based on Nano-Qplus Hierarchical and Dynamic Information Management Framework on Grid Computing Kalman Filter Based Dead Reckoning Algorithm for Minimizing Network Traffic Between Mobile Nodes in Wireless GRID A Conceptual Framework for Agent-Based Information Resource Management Advanced Stochastic Host State Modeling to Reliable Computation in Global Computing EnvironmentAuthor Index

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