《Systems Aspects in O》

图书基本信息

书名：《Systems Aspects in Organic and Pervasive有机与普适计算中的系统方面/会议录》

13位ISBN编号：9783540252733

10位ISBN编号：3540252738

出版时间：2005-4

出版社：北京燕山出版社

作者：Beigl, Michael; Lukowicz, Paul;

页数：264

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内容概要

This book constitutes the refereed proceedings of the 18th International Conference on Architecture of Computing Systems, ARCS 2005, held in Innsbruck, Austria in March 2005. The 18 revised full papers presented were carefully reviewed and selected from 52 submissions. The papers are organized in topical sections on adaptation, power consumption, and scheduling; adaptation and agents; adaptation and services; application of adaptable systems; and pervasive computing and communication.

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书籍目录

Adaptation, Power Consumption and Scheduling Energy Management for Embedded Multithreaded Processors with Integrated EDF Scheduling Reducing System Level Power Consumption for Mobile and Embedded Platforms Implementing Control Algorithms Within a Multithreaded Java Microcontroller Adaptivity for Quality and Timeliness Flexible Real-Time SystemsAdaptation and Agents Apricot Agent Platform for User-Friendly Mobile Service Development Support of Reflective Mobile Agents in a Smart Office Environment Learning Action Sequences Through Imitation in Behavior Based ArchitecturesAdaptation and Services Self-healing Execution of Business Processes Based on a Peer-to-Peer Service Architecture Runtime Adaptation of Applications Through Dynamic Recomposition of Components An Observer/Controller Architecture for Adaptive Reconfigurable StacksApplication Adaptable Systems The Organic Features of the AMIDAR Class of Processors Reusable Design of Inter-chip Communication Interfaces for Next Generation of Adaptive Computing Systems DESCOMP: A New Design Space Exploration Approach Design Space Navigation for Neighboring Power-Performance Efficient Microprocessor Configurations An Efficient Frequency Scaling Approach for Energy-Aware Embedded Real-Time SystemsPervasive Computing and Communication Towards Autonomic Networking Using Overlay Routing Techniques Context-Based Storage Management for Wearable and Portable Devices A File System for System Programming in Ubiquitous ComputingAuthor Index

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