

《传感系统分布计算 /2006年第2健

图书基本信息

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内容概要

The book constitutes the refereed proceedings of the Second International Conference on Distributed Computing in Sensor Systems, DCOSS 2006, held in San Francisco, California, USA in June 2006. The 33 revised full papers presented were carefully reviewed and selected from 87 submissions. The papers focus on distributed computing issues in large-scale networked sensor systems, including systematic design techniques and tools; they cover topics such as distributed algorithms and applications, programming support and middleware, data aggregation and dissemination, security, information fusion, lifetime maximization, and localization.

书籍目录

Evaluating Local Contributions to Global Performance in Wireless Sensor and Actuator Networks
Roadmap Query for Sensor Network Assisted Navigation in Dynamic Environments
Stabilizing Consensus in Mobile Networks
When Birds Die: Making Population Protocols Fault-Tolerant
Stochastically Consistent Caching and Dynamic Duty Cycling for Erratic Sensor Sources
Distributed Model-Free Stochastic Optimization in Wireless Sensor Networks
Agimone: Middleware Support for Seamless Integration of Sensor and IP Networks
Gappa: Gossip Based Multi-channel Reprogramming for Sensor Networks
The Virtual Pheromone Communication Primitive
Logical Neighborhoods: A Programming Abstraction for Wireless Sensor Networks
Y-Threads: Supporting Concurrency in Wireless Sensor Networks
Comparative Analysis of Push-Pull Query Strategies for Wireless Sensor Networks
Using Data Aggregation to Prevent Traffic Analysis in Wireless Sensor Networks
Efficient and Robust Data Dissemination Using Limited Extra Network Knowledge
Distance-Sensitive Information Brokerage in Sensor Networks
Efficient In-Network Processing through Local Ad-Hoc Information Coalescence
Distributed Optimal Estimation from Relative Measurements for Localization and Time Synchronization
GIST: Group-Independent Spanning Tree for Data Aggregation in Dense Sensor Networks
Distributed User Access Control in Sensor Networks
Locating Compromised Sensor Nodes Through Incremental Hashing Authentication.....

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