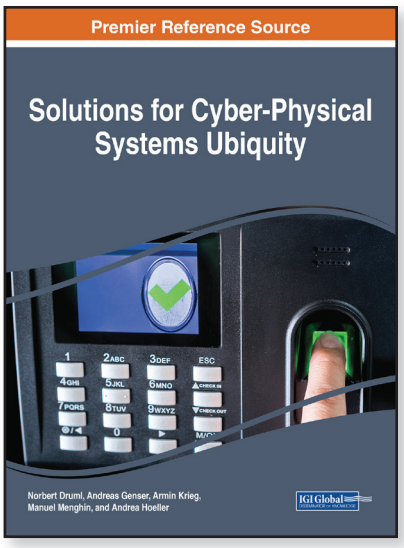
Solutions for Cyber-Physical Systems Ubiquity



Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series

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Description:

Cyber-physical systems play a crucial role in connecting aspects of online life to physical life. By studying emerging trends in these systems, programming techniques can be optimized and strengthened to create a higher level of effectiveness.

Solutions for Cyber-Physical Systems Ubiquity is a critical reference source that discusses the issues and challenges facing the implementation, usage, and challenges of cyber-physical systems. Highlighting relevant topics such as the Internet of Things, smart-card security, multi-core environments, and wireless sensor nodes, this scholarly publication is ideal for engineers, academicians, computer science students, and researchers that would like to stay abreast of current methodologies and trends involving cyber-physical system progression.

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Topics Covered:

- Automotive Domain
- Internet of things
- Multi-Core Environments
- Safety Concerns
- Security strategies
- Smart Card Security
- System Verification
- Wireless Sensor Nodes

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