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Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (ix, 130 pages) : illustrations (some color)
Collana	Advanced topics in science and technology in China
Altri autori (Persone)	PanGang
Disciplina	004
Soggetti	Ubiquitous computing Embedded computer systems
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	SmartShadow Model -- Task Migration in SmartShadow -- Context-Awareness in SmartShadow -- File Modeling in SmartShadow -- ScudWare: Software Infrastructure for SmartShadow -- Smart Car Space: An Application.
Sommario/riassunto	SmartShadow: Models and Methods for Pervasive Computing offers a new perspective on pervasive computing with SmartShadow, which is designed to model a user as a personality "shadow" and to model pervasive computing environments as user-centric dynamic virtual personal spaces. Just like human beings' shadows in the physical world, it follows people wherever they go, providing them with pervasive services. The model, methods, and software infrastructure for SmartShadow are presented and an application for smart cars is also introduced. The book can serve as a valuable reference work for researchers and graduate students in the field of pervasive/ubiquitous computing. Zhaohui Wu is a Professor at Zhejiang University, Hangzhou, China. Gang Pan is a Professor at the same institute.