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Emerging Pervasive and Ubiquitous Aspects of Information Systems: Cross-Disciplinary Advancements

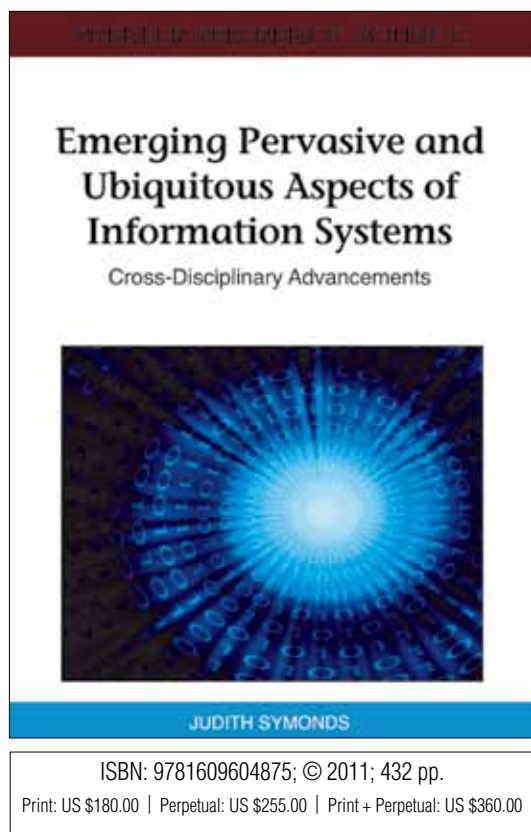
Judith Symonds (Auckland University of Technology, New Zealand)

The concept of pervasive and ubiquitous computing challenges our existing understanding of human-computer interaction, as it suggests a world in which computers become increasingly integrated into our daily lives.

Emerging Pervasive and Ubiquitous Aspects of Information Systems: Cross-Disciplinary Advancements reviews pervasive and ubiquitous computing as it informs modern information systems. This publication provides an overview of emerging trends in context-aware computing, pervasive and smart environments, as well as research on applications of pervasive technologies in healthcare organizations, work environments, and educational settings.

Topics Covered:

- Analysis of health and wellness data
- Context data in ubiquitous computing environments
- Context-aware computing
- Mobile technologies
- Patient data protection
- Pervasive sensor computing
- RFID in agri-food
- RFID in healthcare
- Smart home environments
- User positioning systems



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RFID in the Healthcare Industry

Buyurgan Nebil (University of Arkansas, USA)

Hardgrave Bill C. (Auburn University, USA)

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Muldrew Sam (Naval Sea Systems Command, USA)

Judd Brandon (North Carolina A&T State University, USA)

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Symonds Judith (Auckland University of Technology, New Zealand)

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Chang Po-Chien (RMIT University, Australia)

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Shi Qi (Liverpool John Moores University, UK)

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