1. **Record Nr.** UNINA9910450996603321

  Titolo Ambient intelligence, wireless networking, and ubiquitous computing / / Athanasios Vasilakos, Witold Pedrycz, editors

  Pubbl/distr/stampa Boston : , : Artech House, , ©2006
  [Piscataqay, New Jersey] : , : IEEE Xplore, , [2006]

  ISBN 1-58053-964-5

  Descrizione fisica 1 online resource (476 p.)

  Collana Artech House mobile communications series

  Altri autori (Persone) VasilakosAthanasios
  PedryczWitold <1953->

  Disciplina 004

  Soggetti Ambient intelligence
  Ubiquitous computing
  Wireless communication systems
  Electronic books.

  Lingua di pubblicazione Inglese

  Formato Materiale a stampa

  Livello bibliografico Monografia

  Note generali Description based upon print version of record.

  Nota di bibliografia Includes bibliographical references and index.

  Nota di contenuto Ambient Intelligence, Wireless Networking, and Ubiquitous Computing; Contents vii; Preface xvii; Chapter 1 Ambient Intelligence: Visions and Technologies 1; Chapter 2 Ambient Intelligence and Fuzzy Adaptive Embedded Agents 13; Chapter 3 Ambient Intelligence: The MyCampus Experience; Chapter 4 Physical Browsing 61; Chapter 5 Ambient Interfaces for Distributed Workgroups: Design Challenges and Recommendations 83; Chapter 6 Expanding the Role of Wearable Computing in Business Transformation and Living; Chapter 7 Grids for Ubiquitous Computing and Ambient Intelligence 127.

  Sommario/riassunto Ambient Intelligence (AmI) is the next wave in computing and communications technology. Nano-sized sensors and computers, wireless networks, and intelligent software are being integrated to create AmI environments. One such AmI environment is an intelligent home that can sense changes in a house and its occupants to instantly track objects or call 911 in case of a fall or heart attack. Another AmI environment is an intelligent airport to effortlessly guide a traveler to a connecting flight, through customs, or to a waiting car service. This cutting-edge reference explains ways to plan for AmI.