

1. Record Nr.	UNINA9910961995203321
Titolo	Ambient intelligence, wireless networking, and ubiquitous computing / / Athanasios Vasilakos, Witold Pedrycz, editors
Pubbl/distr/stampa	Boston, : Artech House, c2006
ISBN	9781580539647 1580539645
Edizione	[1st ed.]
Descrizione fisica	1 online resource (476 p.)
Collana	Artech House mobile communications series
Altri autori (Persone)	PedryczWitold <1953-> VasilakosAthanasios
Disciplina	004
Soggetti	Ambient intelligence Ubiquitous computing Wireless communication systems
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 (Aml) is the next wave in computing and communications technology. Nano-sized sensors and computers, wireless networks, and intelligent software are being integrated to create Aml environments. One such Aml 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 Aml 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 Aml.

