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| Nota di contenuto | Formalizing Digital Proprioception for Devices, Environments, and Users -- Users with Motor Impairments' Preferences for SmartWearables to Access and Interact with Ambient Intelligence Applications and Services -- A data-locality-aware Distributed Learning System -- IoT Artifacts: Incorporating Artifacts into the SPADE Platform -- Ambient Photomontage: Ambiently Superimposing Multiple Perspectives on a Human Visual Perspective -- Formalizing Digital Proprioception for Devices, Environments, and Users -- Decision Support System for facility location problems in fleet management -- Towards a Model-driven Ontology-based Architecture for Generating Adaptive User Interfaces. |
| Sommario/riassunto | This book presents the latest research on Ambient Intelligence (Aml) including software and applications in different areas such as Internet of Things, Multi-Agent Systems or e-Learning, among others. Aml is a paradigm emerging from Artificial Intelligence, in which computers are used as proactive tools for assisting people with their day-to-day activities, making everyone's lives more comfortable. Another main concern of Aml originates from the human-computer interaction domain and focuses on offering ways to interact with systems in a more |

natural way by means of user-friendly interfaces. The published book correspond to technical and novel works carried out by scientists conducting research within the Aml area in one of the areas mentioned above. The intended readers are those with mainly technical profiles who are already working in the area of Aml or who want to focus their current work in this area. The papers collected in this book were presented at a symposium which was jointly organized by the Universidade do Minho and University of Salamanca. The latest installment was held in Salamanca, Spain, from October 6th to 8th, 2021. The authors wish to thank the sponsors: IBM, Indra, Viewnext, Global Exchange, AEPIA, APPIA and AIR Institute.
