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	Soggetti	Computer networks Computers, Special purpose Application software Data mining Social sciences - Data processing Computers and civilization Computer Communication Networks Special Purpose and Application-Based Systems Computer and Information Systems Applications Data Mining and Knowledge Discovery Computer Application in Social and Behavioral Sciences Computers and Society
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	Nota di contenuto	Toward a Desirable Relationship of Artificial Objects and the Elderly: From the Standpoint of Engineer and Psychologist Dialogue -- A Framework of Context-Aware Object Recognition for Smart Home -- A Pervasive Watch-Over System Based on Device, User and Social Awareness -- A Context-Driven Programming Model for Pervasive

Spaces -- Tracking People in Indoor Environments -- Smart Mote-Based Medical System for Monitoring and Handling Medication Among Persons with Dementia -- Home Based Assistive Technologies for People with Mild Dementia -- Roadmap-Based Collision-Free Motion Planning for Multiple Moving Agents in a Smart Home Environment -- Peripheral Telecommunications: Supporting Distributed Awareness and Seamless Transitions to the Foreground -- An Authentication Architecture Dedicated to Dependent People in Smart Environments -- Secure Spaces: Protecting Freedom of Information Access in Public Places -- Ventricular Tachycardia/Fibrillation Detection Algorithm for 24/7 Personal Wireless Heart Monitoring -- homeML – An Open Standard for the Exchange of Data Within Smart Environments -- Characterizing Safety of Integrated Services in Home Network System -- Fusion and Fission: Improved MMIA for Multi-modal HCI Based on WPS and Voice-XML -- Smart Learning Buddy -- Personalized Magic Mirror: Interactive Mirror Based on User Behavior -- Service Abstraction Model for Dynamic User Interface Presentation -- Report on the Impact of a User-Centered Approach and Usability Studies for Designing Mobile and Context-Aware Cognitive Orthosis -- Context Aware Life Pattern Prediction Using Fuzzy-State Q-Learning -- Distributed Vision-Based Accident Management for Assisted Living -- RNG-Based Scatternet Formation Algorithm for Small-Scale Ad-Hoc Networks -- A Visual Editor to Support the Use of TemporalLogic for ADL Monitoring -- Development of a Job Stress Evaluation Methodology Using Data Mining and RSM -- Supporting Impromptu Service Discovery and Access in Heterogeneous Assistive Environments.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 5th International Conference On Smart Homes and and Health Telematics, ICOST 2007, held in Nara, Japan in June 2007. The 25 revised full papers presented were carefully reviewed and selected from a total of 81 submissions. The papers address current research in augmented environments with the ability to consolidate embedded computers, information appliances, micro/nano systems, and multi-modal sensors to offer people unprecedented levels of access to information and assistance from information and communication technology. The papers present the latest approaches and technical solutions in the area of smart homes, health telematics, and emerging enabling technologies. |