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	Nota di contenuto	Applications of Artificial Intelligence in Industry -- Artificial Intelligence in Industry -- Applying Behavior-Oriented Robotics to a Mobile Security Device -- Ontology Design and Its Application in the Petroleum Remediation Domain -- A Sales Agent for Website Personalization -- Anomaly Detection of Computer Usage Using Artificial Intelligence Techniques -- Application of Self-Organizing Maps to Classification and Browsing of FAQ E-mails -- Model Based Program Specification and Program Generation - In a Case of Vehicle-Engine Control System Design -- Classification Based upon Frequent Patterns -- An Evolutionary Approach to Constraint-Based Timetabling -- BOKS: A Rule-Based System in Support of the Dutch Building Materials Regulations -- Using XML as a Language Interface for AI Applications -- INFOSHOP: A Decision Support Tool for Local Government Regulatory Advice -- Using Boosting to Detect Noisy Data -- Artificial Intelligence in Electronic Commerce -- Artificial Intelligence in Electronic Commerce -- Conceptual Structures for Tendering Ontology -- Virtual Enterprise Design - BDI Agents vs. Objects -- Agent Based Architecture for Internet Marketing -- Possibilistic Reasoning for Intelligent Payment Agents -- A Web-Based Negotiation Agent Using

CBR -- Intelligent Information Agents -- Intelligent Information Agents -- Relationships between Logic Programming and RDF -- An Approach to Building Mobile Intelligent Agents Based on Anytime Migration -- Knowledge-Based Information Agents -- Designing Perception Modules to Shape Information for Agents -- Design of a Visualization Agent for WWW Information -- Revisable Analysis and Design by Actors Interaction: Emergency Case Study -- A Logic-Based Approach for Adaptive Information Filtering Agents -- The User Agent: An Approach for Service and Profile Management in Wireless Access Systems -- System Analysis of Agent-Based LCC Information Gathering -- Teamwork and Adjustable Autonomy in Agents -- Teamwork and Adjustable Autonomy in Agents -- A Communication Protocol Supporting Dynamic Autonomy Agreements in Multi-agent Systems -- Designing Human-Centered Autonomous Agents -- A Cognitive Model of Situated Autonomy -- Designing an Architecture for Adjustably Autonomous Robot Teams -- Making Adjustable Autonomy Easier with Teamwork -- Dimensions of Adjustable Autonomy.

Sommario/riassunto	This book constitutes the thoroughly refereed joint post-proceedings of four workshops held during the Pacific Rim International Conference on Artificial Intelligence, PRICAI 2000, held in Melbourne, Australia, in August/September 2000.The 32 revised full papers presented were carefully selected during two rounds of reviewing and revision. In accordance with the four workshops represented, the book is organized in topical sections on applications of artificial intelligence in industry, artificial intelligence in electronic commerce, intelligent information agents, and teamwork and adjustable autonomy in agents.