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Collana	Lecture Notes in Artificial Intelligence ; ; 5239
Disciplina	006.33
Soggetti	Artificial intelligence Programming languages (Electronic computers) Mathematical logic Application software Artificial Intelligence Programming Languages, Compilers, Interpreters Mathematical Logic and Formal Languages Computer Appl. in Administrative Data Processing Computer Appl. in Social and Behavioral Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Included bibliographical references and index.
Nota di contenuto	Invited Talks -- Case-Based Reasoning in the Health Sciences: Why It Matters for the Health Sciences and for CBR -- An Analysis of Research Themes in the CBR Conference Literature -- Semantics and Experience in the Future Web -- Research Papers -- Recognizing the Enemy: Combining Reinforcement Learning with Strategy Selection Using Case-Based Reasoning -- Formal and Experimental Foundations of a New Rank Quality Measure -- Provenance, Trust, and Sharing in Peer-to-Peer Case-Based Web Search -- Visualizing and Evaluating Complexity of Textual Case Bases -- Learning Similarity Functions from Qualitative Feedback -- Conservative Adaptation in Metric Spaces -- Opportunistic Acquisition of Adaptation Knowledge and Cases — The IakA Approach -- Noticeably New: Case Reuse in Originality-Driven Tasks --

Experience-Based Design of Behaviors in Videogames -- Considerations for Real-Time Spatially-Aware Case-Based Reasoning: A Case Study in Robotic Soccer Imitation -- Retrieval Based on Self-explicative Memories -- Increasing Precision of Credible Case-Based Inference -- Supporting Case-Based Retrieval by Similarity Skylines: Basic Concepts and Extensions -- Using Case Provenance to Propagate Feedback to Cases and Adaptations -- Towards Case-Based Support for e-Science Workflow Generation by Mining Provenance -- Knowledge Planning and Learned Personalization for Web-Based Case Adaptation -- Cases, Predictions, and Accuracy Learning and Its Application to Effort Estimation -- Evaluation of Feature Subset Selection, Feature Weighting, and Prototype Selection for Biomedical Applications -- Case-Based Decision Support for Patients with Type 1 Diabetes on Insulin Pump Therapy -- Conversational Case-Based Reasoning in Self-healing and Recovery -- Situation Assessment for Plan Retrieval in Real-Time Strategy Games -- Optimization Algorithms to Find Most Similar Deductive Consequences (MSDC) -- Understanding Dubious Future Problems -- Conversational Case-Based Recommendations Exploiting a Structured Case Model -- k-NN Aggregation with a Stacked Email Representation -- Case-Based Reasoning and the Statistical Challenges -- Evaluation Measures for TCBR Systems -- CBR for CBR: A Case-Based Template Recommender System for Building Case-Based Systems -- Forgetting Reinforced Cases -- iReMedI - Intelligent Retrieval from Medical Information -- Adaptation through Planning in Knowledge Intensive CBR -- Folk Arguments, Numerical Taxonomy and Case-Based Reasoning -- Real-Time Plan Adaptation for Case-Based Planning in Real-Time Strategy Games -- Horizontal Case Representation -- Application Papers -- Supporting Fraud Analysis in Mobile Telecommunications Using Case-Based Reasoning -- Predicting the Presence of Oil Slicks After an Oil Spill -- Case Based Interpretation of Soil Chromatograms -- Case-Based Troubleshooting in the Automotive Context: The SMMART Project -- Rapid Prototyping of CBR Applications with the Open Source Tool myCBR.

Sommario/riassunto

This book constitutes the refereed proceedings of the 9th European Conference on Case-Based Reasoning, ECCBR 2008, held in Trier, Germany, in September 2008. The 34 revised research papers and 5 revised application papers presented together with 3 invited talks were carefully reviewed and selected from 71 submissions. All current issues in case-based reasoning are addressed, ranging from theoretical and methodological issues to advanced applications in various fields such as knowledge discovery, similarity, context-awareness, uncertainty, and health sciences.
