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Nota di contenuto	How different is different? -- Towards CBR for bioprocess planning -- On the role of abstraction in case-based reasoning -- ISAC: A CBR system for decision support in air traffic control -- Structural similarity and adaptation -- Justification structures for document reuse -- Adaptation-guided retrieval in EBMT: A case-based approach to machine translation -- Dynamically creating indices for two million cases: A real world problem -- Case memory and the behaviouristic model of concepts and cognition -- Supporting object reuse through case-based reasoning -- Meta-cases: Explaining case-based reasoning -- A two layer case-based reasoning architecture for medical image understanding -- Learning adaptation rules from a case-base -- An evolutionary agent model of case-based classification -- Using description logics for knowledge intensive case-based reasoning -- Applying case retrieval nets to diagnostic tasks in technical domains -- Plans as structured networks of hierarchically and temporally related case pieces -- The transfer problem in analogical reuse -- A case-based system for adaptive hypermedia navigation -- Feature weighting by explaining case-based planning episodes -- Classification-based problem-solving in case-based reasoning -- A case base similarity framework -- On the importance of similitude: An entropy-based assessment -- Case-enhanced configuration by resource balancing --

Adaptation cost as a criterion for solution evaluation -- Fish and Shrink. A next step towards efficient case retrieval in large scaled case bases -- Abstractions of data and time for multiparametric time course prognoses -- The utility problem analysed -- REPRO: Supporting flowsheet design by case-base retrieval -- A bayesian framework for case-based reasoning -- Principles of case reusing systems -- Using typicality theory to select the best match -- Considering decision cost during learning of feature weights -- Case-Based problem solving methods for parametric design tasks -- Corporate knowledge management for the millennium -- Case-based reasoning techniques applied to operation experience feedback in nuclear power plants -- Troubleshooting CFM 56-3 engines for the Boeing 737 using CBR and data-mining -- Global case-base development and deployment.

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Sommario/riassunto

This book constitutes the refereed proceedings of the Third European Workshop on Case-Based Reasoning, EWCBR-96, held in Lausanne, Switzerland, in November 1996. Case-based reasoning is an appealing technique for dealing with the knowledge acquisition bottleneck in computer applications; solutions to new problems are found by adapting similar experience from the past, called cases. The 38 revised full papers presented were carefully selected from a broad variety of submissions after a thorough refereeing process. The volume reflects the state of the art in case-based reasoning research and applications.

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