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Nota di contenuto   Integrating induction in a case-based reasoner -- Integrating induction and case-based reasoning: Methodological approach and first evaluations -- Experimental study of an evaluation function for cases imperfectly explained -- Reasoning with cases imperfectly described and explained -- Interacting learning-goals: Treating learning as a planning task -- On the limitations of Memory Based Reasoning -- A criterion of comparison between two case bases -- An average predictive accuracy of the nearest neighbor classifier -- Case-based reasoning for multi-step problems and its integration with heuristic search -- Qualitative models as a basis for case indices -- Using gestalten to retrieve cases -- A comparison of incremental case-based reasoning and inductive learning -- Examples and remindings in a case-based help system -- A CBR knowledge representation for practical ethics -- Case-based spatial design reasoning -- Case-based support for the design of dynamic system requirements -- A maintenance approach to case based reasoning -- Case-based evaluation in computer chess -- Design of a case-based reasoning system applied to neuropathy diagnosis -- Controlling a nonlinear hierarchical planner using case replay -- A classification system for credit card transactions -- Use of case-based reasoning in the domain

of building regulations.

Sommario/riassunto	This book presents a selection of revised refereed papers taken from the contributions to the Second European Workshop on Case-Based Reasoning, EWCBR-94, held at the Abbaye de Royaumont near Paris in November 1994. The 22 papers included were chosen from a total of 60 submissions. The important evolution by experienced artificial intelligence during the last few years has been essentially influenced by case-based reasoning, particularly by the area of knowledge-based decision support. This book documents the progress achieved in CBR methods and tools during the very recent past. It also outlines the substantial success achieved in the applications domain, especially in the fields of architecture and computer-aided design, task planning, chemical synthesis, maintenance and diagnosis, and law.