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Nota di contenuto	Acquisition of search knowledge -- A systematic approach to the functionality of problem-solving methods -- An ontology approach to product disassembly -- Knowledge refinement for a design system -- Compositional verification of knowledge-based systems: A case study for diagnostic reasoning -- An enterprise reference scheme for integrating model based knowledge engineering and enterprise modelling -- The tower-of-adapters method for developing and reusing problem-solving methods -- Using ontologies for defining tasks, problem-solving methods and their mappings -- An empirical evaluation of a system for text knowledge acquisition -- Acquisition of conceptual structure in scientific theories -- Designing operators for constructing domain knowledge ontologies -- Reuse of problem-solving methods and family resemblances -- Specification of flexible knowledge-based systems -- Problem solving for redesign -- The notion of role in conceptual modeling -- Knowledge acquisition first, modelling later -- Knowledge acquisition for the onboard planner of an autonomous spacecraft -- Information tuning with KARAT: Capitalizing on existing documents -- Syntactic parsing as a knowledge acquisition problem -- Building up and making use of corporate knowledge repositories -- Modelling competitive co-operation of agents in a

compositional multi-agent framework -- An instrument for a purpose driven comparison of modelling frameworks -- Knowledge discovery in rule bases -- Supporting probability elicitation by sensitivity analysis -- Towards more collaboration between machine learning systems and their users -- COATIS, an NLP system to locate expressions of actions connected by causality links -- Using knowledge acquisition to build spoken language systems -- An assistant for a design project: Application to the design of a mixed hardware/software architecture -- REVINOS : An interactive revision tool based on the concept of situation -- KIDS for KADS -- Exploiting inductive bias shift in knowledge acquisition from ill-structured domains -- The DARPA high performance knowledge bases programme.

Sommario/riassunto

This volume constitutes the refereed proceedings of the 10th European Workshop on Knowledge Acquisition, Modelling and Management, EKAW '97, held in Sant Feliu de Guixols, Catalonia, Spain, in October 1997. The 20 revised full papers and 11 short papers presented were carefully selected from numerous submissions. Also included is one invited presentation. Among the topics covered are the mainstream knowledge acquisition issues, but also more innovative ones, knowledge integration, enterprise modelling, knowledge reuse, natural language processing, problem solving, knowledge extraction, Web-based knowledge systems, machine learning, data mining, etc.
