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| 1. Record Nr.           | UNINA9910483848703321   |
| Titolo                  | Symbolic and quantitative approaches to reasoning with uncertainty : 8th European conference, ECSQARU 2005, Barcelona, Spain, July 6-8, 2005 : proceedings // Lluís Godó (ed.)  |
| Pubbl/distr/stampa      | Berlin ; ; New York, : Springer, 2005   |
| Edizione                | [1st ed. 2005.]   |
| Descrizione fisica      | 1 online resource (XVI, 1028 p.)  |
| Collana                 | Lecture notes in computer science. Lecture notes in artificial intelligence, , 0302-9743 ; ; 3571   |
| Altri autori (Persone)  | GodóL (Lluís)   |
| Disciplina              | 006.3   |
| Soggetti                | Artificial intelligence<br>Reasoning<br>Uncertainty (Information theory)  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Bibliographic Level Mode of Issuance: Monograph   |
| Nota di bibliografia    | Includes bibliographical references and index.  |
| Nota di contenuto       | Invited Papers -- Bayesian Networks -- Graphical Models -- Learning Causal Networks -- Planning -- Causality and Independence -- Preference Modelling and Decision -- Argumentation Systems -- Inconsistency Handling -- Belief Revision and Merging -- Belief Functions -- Fuzzy Models -- Many-Valued Logical Systems -- Uncertainty Logics -- Probabilistic Reasoning -- Reasoning Models Under Uncertainty -- Uncertainty Measures -- Probabilistic Classifiers -- Classification and Clustering -- Industrial Applications.  |
| Sommario/riassunto      | These are the proceedings of the 8th European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty, ECSQARU 2005, held in Barcelona (Spain), July 6–8, 2005. The ECSQARU conferences are biennial and have become a major forum for advances in the theory and practice of reasoning under uncertainty. The first ECSQARU conference was held in Marseille (1991), and after in Granada (1993), Fribourg (1995), Bonn (1997), London (1999), Toulouse (2001) and Aalborg (2003). The papers gathered in this volume were selected out of 130 submissions, after a strict review process by the members of the Program Committee, to be presented at ECSQARU 2005. In addition, the conference included invited lectures by three outstanding researchers in the area, Serafín Moral (Imprecise Probabilities), Rudolf |

Kruse (Graphical Models in Planning) and Jérôme Lang (Social Choice). Moreover, the application of uncertainty models to real-world problems was addressed at ECSQARU 2005 by a special session devoted to successful industrial applications, organized by Rudolf Kruse. Both invited lectures and papers of the special session contribute to this volume. On the whole, the programme of the conference provided a broad, rich and up-to-date perspective of the current high-level research in the area which is reflected in the contents of this volume.

I would like to warmly thank the members of the Program Committee and the additional referees for their valuable work, the invited speakers and the invited session organizer.

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