Record Nr. UNISA996466348003316 Machine Learning: ECML 2002 [[electronic resource]]: 13th European **Titolo** Conference on Machine Learning, Helsinki, Finland, August 19-23, 2002. Proceedings / / edited by Tapio Elomaa, Heikki Mannila, Hannu Toivonen Pubbl/distr/stampa Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, 2002 **ISBN** 3-540-36755-1 Edizione [1st ed. 2002.] Descrizione fisica 1 online resource (XIV, 538 p.) Collana Lecture Notes in Artificial Intelligence;; 2430 Disciplina 006.3/1 Soggetti Artificial intelligence Algorithms Mathematical logic Artificial Intelligence Algorithm Analysis and Problem Complexity Mathematical Logic and Formal Languages Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Contributed Papers -- Convergent Gradient Ascent in General-Sum Games -- Revising Engineering Models: Combining Computational Discovery with Knowledge -- Variational Extensions to EM and Multinomial PCA -- Learning and Inference for Clause Identification --An Empirical Study of Encoding Schemes and Search Strategies in Discovering Causal Networks -- Variance Optimized Bagging -- How to Make AdaBoost.M1 Work for Weak Base Classifiers by Changing Only One Line of the Code -- Sparse Online Greedy Support Vector Regression -- Pairwise Classification as an Ensemble Technique --RIONA: A Classifier Combining Rule Induction and k-NN Method with Automated Selection of Optimal Neighbourhood -- Using Hard Classifiers to Estimate Conditional Class Probabilities -- Evidence that

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## Sommario/riassunto

This book constitutes the refereed preceedings of the 13th European Conference on Machine Learning, ECML 2002, held in Helsinki, Finland in August 2002. The 41 revised full papers presented together with 4 invited contributions were carefully reviewed and selected from numerous submissions. Among the topics covered are computational discovery, search strategies, Classification, support vector machines, kernel methods, rule induction, linear learning, decision tree learning, boosting, collaborative learning, statistical learning, clustering, instance-based learning, reinforcement learning, multiagent learning, multirelational learning, Markov decision processes, active learning, etc.