



# Machine Learning: ECML-94 : European Conference on Machine Learning Catania, Italy, April 6-8, 1994 Proceedings /

Bergadano, Francesco

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Monografía

This volume contains the proceedings of the European Conference on Machine Learning 1994, which continues the tradition of earlier meetings and which is a major forum for the presentation of the latest and most significant results in machine learning. Machine learning is one of the most important subfields of artificial intelligence and computer science, as it is concerned with the automation of learning processes. This volume contains two invited papers, 19 regular papers, and 25 short papers carefully reviewed and selected from in total 88 submissions. The papers describe techniques, algorithms, implementations, and experiments in the area of machine learning

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**Contenido:** Industrial applications of ML: Illustrations for the KAML dilemma and the CBR dream -- Knowledge representation in machine learning -- Inverting implication with small training sets -- A context similarity measure -- Incremental learning of control knowledge for nonlinear problem solving -- Characterizing the applicability of classification algorithms using meta-level learning -- Inductive learning of characteristic concept descriptions from small sets of classified examples -- FOSSIL: A robust relational learner -- A multistrategy learning system and its integration into an interactive floorplanning tool -- Bottom-up induction of oblivious read-once decision graphs -- Estimating attributes: Analysis and extensions of RELIEF -- BMWk revisited generalization and formalization of

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