1.	Record Nr.	UNISA996466104703316
	Titolo	Machine Learning: ECML-95 [[electronic resource]] : 8th European Conference on Machine Learning, Heraclion, Crete, Greece, April 25 - 27, 1995. Proceedings / / edited by Nada Lavra, Stefan Wrobel
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1995
	ISBN	3-540-49232-1
	Edizione	[1st ed. 1995.]
	Descrizione fisica	1 online resource (XII, 376 p.)
	Collana	Lecture Notes in Artificial Intelligence ; ; 912
	Disciplina	006.3/1
	Soggetti	Artificial intelligence Algorithms Artificial Intelligence Algorithm Analysis and Problem Complexity
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Reasoning and learning in probabilistic and possibilistic networks: An overview -- Problem decomposition and the learning of skills -- Machine learning in the world wide web -- Abstract computer models: Towards a new method for theorizing about adaptive agents -- Learning abstract planning cases -- The role of prototypicality in exemplar-based learning -- Specialization of recursive predicates -- A distributed genetic algorithm improving the generalization behavior of neural networks -- Learning non-monotonic logic programs: Learning exceptions -- A comparative utility analysis of case-based reasoning and control-rule learning systems -- A minimization approach to propositional inductive learning -- On concept space and hypothesis space in case-based learning algorithms -- The power of decision tables -- Pruning multivariate decision trees by hyperplane merging -- Multiple-Knowledge Representations in concept learning -- The effect of numeric features on the scalability of inductive learning programs -- Analogical logic program synthesis from examples -- A guided tour through hypothesis spaces in ILP -- JIGSAW: Puzzling together RUTH and SPECTRE (Extended abstract) -- Discovery of constraints and data dependencies in relational databases (Extended abstract) -- Learning

disjunctive normal forms in a dual classifier system (Extended abstract) -- The effects of noise on efficient incremental induction (Extended abstract) -- Analysis of Rachmaninoff's piano performances using inductive logic programming (Extended abstract) -- Handling real numbers in ILP: A step towards better behavioural clones (Extended abstract) -- Simplifying decision trees by pruning and grafting: New results (Extended abstract) -- A tight integration of pruning and learning (Extended abstract) -- Decision-tree based neural network (Extended abstract) -- Learning recursion with iterative bootstrap induction (Extended abstract) -- Patching proofs for reuse (Extended abstract) -- Adapting to drift in continuous domains (Extended abstract) -- Parallel recombinative reinforcement learning (Extended abstract) -- Learning to solve complex tasks for reactive systems (Extended abstract) -- Co-operative Reinforcement Learning by payoff filters (Extended abstract) -- Automatic synthesis of control programs by combination of learning and problem solving methods (Extended abstract) -- Analytical learning guided by empirical technology: An approach to integration (Extended abstract) -- A new MDL measure for robust rule induction (Extended abstract) -- Class-driven statistical discretization of continuous attributes (Extended abstract) -- Generating neural networks through the induction of threshold logic unit trees (Extended abstract) -- Learning classification rules using lattices (Extended abstract) -- Hybrid classification: Using axis-parallel and oblique subdivisions of the attribute space (Extended abstract) -- An induction-based control for genetic algorithms (Extended abstract) -- Fender: An approach to theory restructuring (extended abstract) -- Language series revisited: The complexity of hypothesis spaces in ILP (Extended abstract) -- Prototype, nearest neighbor and hybrid algorithms for time series classification (Extended abstract).

Sommario/riassunto	This volume constitutes the proceedings of the Eighth European Conference on Machine Learning ECML-95, held in Heraclion, Crete in April 1995. Besides four invited papers the volume presents revised versions of 14 long papers and 26 short papers selected from a total of 104 submissions. The papers address all current aspects in the area of machine learning; also logic programming, planning, reasoning, and algorithmic issues are touched upon.