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Titolo	Grammatical Inference: Algorithms and Applications [[electronic resource]] : 8th International Colloquium, ICGI 2006, Tokyo, Japan, September 20-22, 2006, Proceedings / / edited by Yasibumi Sakaibara, Satoshi Kobayashi, Kengo Sato, Tetsuro Nishino, Etsuji Tomita
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Descrizione fisica	1 online resource (XII, 359 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 4201
Disciplina	005.13/1
Soggetti	Programming languages (Electronic computers) Artificial intelligence Mathematical logic Computer logic Programming Languages, Compilers, Interpreters Artificial Intelligence Mathematical Logic and Formal Languages Logics and Meanings of Programs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Parsing Without Grammar Rules -- Classification of Biological Sequences with Kernel Methods -- Regular Papers -- Identification in the Limit of Systematic-Noisy Languages -- Ten Open Problems in Grammatical Inference -- Polynomial-Time Identification of an Extension of Very Simple Grammars from Positive Data -- PAC-Learning Unambiguous NTS Languages -- Incremental Learning of Context Free Grammars by Bridging Rule Generation and Search for Semi-optimum Rule Sets -- Variational Bayesian Grammar Induction for Natural Language -- Stochastic Analysis of Lexical and Semantic Enhanced Structural Language Model -- Using Pseudo-stochastic Rational Languages in Probabilistic Grammatical Inference -- Learning Analysis by Reduction from Positive Data -- Inferring Grammars for Mildly Context Sensitive Languages in Polynomial-Time -- Planar

Languages and Learnability -- A Unified Algorithm for Extending Classes of Languages Identifiable in the Limit from Positive Data -- Protein Motif Prediction by Grammatical Inference -- Grammatical Inference in Practice: A Case Study in the Biomedical Domain -- Inferring Grammar Rules of Programming Language Dialects -- The Tenjinno Machine Translation Competition -- Large Scale Inference of Deterministic Transductions: Tenjinno Problem 1 -- A Discriminative Model of Stochastic Edit Distance in the Form of a Conditional Transducer -- Learning n-Ary Node Selecting Tree Transducers from Completely Annotated Examples -- Learning Multiplicity Tree Automata -- Learning DFA from Correction and Equivalence Queries -- Using MDL for Grammar Induction -- Characteristic Sets for Inferring the Unions of the Tree Pattern Languages by the Most Fitting Hypotheses -- Learning Deterministic DEC Grammars Is Learning Rational Numbers -- Iso-array Acceptors and Learning -- Poster Papers -- A Merging States Algorithm for Inference of RFSAs -- Query-Based Learning of XPath Expressions -- Learning Finite-State Machines from Inexperienced Teachers -- Suprasymbolic Grammar Induction by Recurrent Self-Organizing Maps -- Graph-Based Structural Data Mining in Cognitive Pattern Interpretation -- Constructing Song Syntax by Automata Induction -- Learning Reversible Languages with Terminal Distinguishability -- Grammatical Inference for Syntax-Based Statistical Machine Translation.