

1. Record Nr.	UNIBAS000016586
Autore	Ribenboim, Paulo
Titolo	The book of prime number records / Paulo Ribenboim
Pubbl/distr/stampa	New York [etc.] : Springer, c1989
ISBN	0-387-97042-8
Edizione	[2. ed.]
Descrizione fisica	XXIII, 479 p. ; 25 cm.
Disciplina	512.72
Soggetti	Numeri primi
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNISA996466108403316
Titolo	Adaptive Processing of Sequences and Data Structures [[electronic resource]] : International Summer School on Neural Networks, "E.R. Caianiello", Vietri sul Mare, Salerno, Italy, September 6-13, 1997, Tutorial Lectures // edited by C. Lee Giles, Marco Gori
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1998
ISBN	3-540-69752-7
Edizione	[1st ed. 1998.]
Descrizione fisica	1 online resource (XIV, 438 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 1387
Disciplina	006.3/2
Soggetti	Architecture, Computer Computer programming Artificial intelligence Computers Microprocessors Data structures (Computer science) Computer System Implementation Programming Techniques Artificial Intelligence Computation by Abstract Devices Processor Architectures

## Data Structures

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Recurrent neural network architectures: An overview -- Gradient based learning methods -- Diagrammatic methods for deriving and relating temporal neural network algorithms -- An introduction to learning structured information -- Neural networks for processing data structures -- The loading problem: Topics in complexity -- Learning dynamic Bayesian networks -- Probabilistic models of neuronal spike trains -- Temporal models in blind source separation -- Recursive neural networks and automata -- The neural network pushdown automaton: Architecture, dynamics and training -- Neural dynamics with stochasticity -- Parsing the stream of time: The value of event-based segmentation in a complex real-world control problem -- Hybrid HMM/ANN systems for speech recognition: Overview and new research directions -- Predictive models for sequence modelling, application to speech and character recognition.
Sommario/riassunto	This book is devoted to adaptive processing of structured information similar to flexible and intelligent information processing by humans - in contrast to merely sequential processing of predominantly symbolic information within a deterministic framework. Adaptive information processing allows for a mixture of sequential and parallel processing of symbolic as well as subsymbolic information within deterministic and probabilistic frameworks. The book originates from a summer school held in September 1997 and thus is ideally suited for advanced courses on adaptive information processing and advanced learning techniques or for self-instruction. Research and design professionals active in the area of neural information processing will find it a valuable state-of-the-art survey.