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| 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   |
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| 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<br>Computer programming<br>Artificial intelligence<br>Computers<br>Microprocessors<br>Data structures (Computer science)<br>Computer System Implementation<br>Programming Techniques<br>Artificial Intelligence<br>Computation by Abstract Devices<br>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.