

1. Record Nr.	UNISA996203061103316
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Titolo	Adaptive blind signal and image processing: learning algorithms and applications
Pubbl/distr/stampa	[Place of publication not identified], : John Wiley & Sons Incorporated, 2002
ISBN	9786610554652 0-470-84589-9 1-280-55465-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (580 pages)
Disciplina	621.382/2
Soggetti	Adaptive signal processing Machine learning Algorithms Electrical & Computer Engineering Engineering & Applied Sciences Telecommunications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	With solid theoretical foundations and numerous potential applications, Blind Signal Processing (BSP) is one of the hottest emerging areas in Signal Processing. This volume unifies and extends the theories of adaptive blind signal and image processing and provides practical and efficient algorithms for blind source separation, Independent, Principal, Minor Component Analysis, and Multichannel Blind Deconvolution (MBD) and Equalization. Containing over 1400 references and mathematical expressions Adaptive Blind Signal and Image Processing delivers an unprecedented collection of useful techniques for adaptive blind signal/image separation, extraction, decomposition and filtering of multi-variable signals and data.* Offers a broad coverage of blind signal processing techniques and algorithms both from a theoretical and practical point of view* Presents more than 50 simple algorithms that can be easily modified to suit the reader's specific real world

problems* Provides a guide to fundamental mathematics of multi-input, multi-output and multi-sensory systems* Includes illustrative worked examples, computer simulations, tables, detailed graphs and conceptual models within self contained chapters to assist self study* Accompanying CD-ROM features an electronic, interactive version of the book with fully coloured figures and text. C and MATLAB(r) user-friendly software packages are also providedMATLAB(r) is a registered trademark of The MathWorks, Inc. By providing a detailed introduction to BSP, as well as presenting new results and recent developments, this informative and inspiring work will appeal to researchers, postgraduate students, engineers and scientists working in biomedical engineering, communications, electronics, computer science, optimisations, finance, geophysics and neural networks.

2. Record Nr.

UNISA996211105903316

Titolo

Journal of inclusion phenomena and molecular recognition in chemistry

Pubbl/distr/stampa

London, : Kluwer Academic Publishers, -©1998

ISSN

2212-1765

Soggetti

Clathrate compounds
Molecular sieves
Molecular recognition
Periodicals.

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Periodico

Note generali

Refereed/Peer-reviewed