

1.	Record Nr.	UNINA990006600190403321
	Autore	Bonnet, Henri
	Titolo	Les institutions financieres internationales / Henri Bonnet, Dominique Berthet
	Pubbl/distr/stampa	Paris : PUF, 1976
	Descrizione fisica	126 p., 22 cm
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	Livello bibliografico	Monografia
2.	Record Nr.	UNISA996217426603316
	Autore	Westwick David T.
	Titolo	Identification of nonlinear physiological systems / / David T. Westwick, Robert E. Kearney
	Pubbl/distr/stampa	[Piscataway, New Jersey?] : , : IEEE Press, , c2003 [Piscataway, New Jersey] : , : IEEE Xplore, , [2005]
	ISBN	1-280-55705-2 9786610557059 0-471-72295-2 0-471-72296-0
	Descrizione fisica	1 PDF (xii, 261 pages) : illustrations
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	Altri autori (Persone)	KearneyRobert E. <1947->
	Disciplina	612/.01/5118
	Soggetti	Physiology - Mathematical models Nonlinear systems Statistics as Topic Nonlinear Dynamics Computer Simulation Models, Biological Physiological Phenomena Health Care Evaluation Mechanisms Computing Methodologies

Models, Theoretical
 Phenomena and Processes
 Epidemiologic Methods
 Mathematics
 Investigative Techniques
 Natural Science Disciplines
 Public Health
 Information Science
 Quality of Health Care
 Disciplines and Occupations
 Analytical, Diagnostic and Therapeutic Techniques and Equipment
 Health Care Quality, Access, and Evaluation
 Environment and Public Health
 Health Care
 Physiology
 Human Anatomy & Physiology
 Health & Biological Sciences

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	"IEEE Engineering in Medicine and Biology Society, Sponsor."
Nota di bibliografia	Includes bibliographical references (p. 251-257) and index.
Nota di contenuto	Preface. -- 1. Introduction. -- 1.1 Signals. -- 1.2 Systems and Models. -- 1.3 System Modeling. -- 1.4 System Identification. -- 1.5 How Common are Nonlinear Systems? -- 2. Background. -- 2.1 Vectors and Matrices. -- 2.2 Gaussian Random Variables. -- 2.3 Correlation Functions. -- 2.4 Mean-Square Parameter Estimation. -- 2.5 Polynomials. -- 2.6 Notes and References. -- 2.7 Problems. -- 2.8 Computer Exercises. -- 3. Models of Linear Systems. -- 3.1 Linear Systems. -- 3.2 Nonparametric Models. -- 3.3 Parametric Models. -- 3.4 State-Space Models. -- 3.5 Notes and References. -- 3.6 Theoretical Problems. -- 3.7 Computer Exercises. -- 4. Models of Nonlinear Systems. -- 4.1 The Volterra Series. -- 4.2 The Wiener Series. -- 4.3 Simple Block Structures. -- 4.4 Parallel Cascades. -- 4.5 The Wiener-Bose Model. -- 4.6 Notes and References. -- 4.7 Theoretical Problems. -- 4.8 Computer Exercises. -- 5. Identification of Linear Systems. -- 5.1 Introduction. -- 5.2 Nonparametric Time-Domain Models. -- 5.3 Frequency Response Estimation. -- 5.4 Parametric Methods. -- 5.5 Notes and References. -- 5.6 Computer Exercises. -- 6. Correlation-Based Methods. -- 6.1 Methods for Functional Expansions. -- 6.2 Block Structured Models. -- 6.3 Problems. -- 6.4 Computer Exercises. -- 7. Explicit Least-Squares Methods. -- 7.1 Introduction. -- 7.2 The Orthogonal Algorithms. -- 7.3 Expansion Bases. -- 7.4 Principal Dynamic Modes. -- 7.5 Problems. -- 7.6 Computer Exercises. -- 8. Iterative Least-Squares Methods. -- 8.1 Optimization Methods. -- 8.2 Parallel Cascade Methods. -- 8.3 Application: Visual Processing in the Light Adapted Fly Retina. -- 8.4 Problems -- 8.5 Computer Exercises. -- References. -- Index. -- IEEE Press Series in Biomedical Engineering.
Sommario/riassunto	Significant advances have been made in the field since the previous

classic texts were written. This text brings the available knowledge up to date. * Enables the reader to use a wide variety of nonlinear system identification techniques. * Offers a thorough treatment of the underlying theory. * Provides a MATLAB toolbox containing implementation of the latest identification methods together with an extensive set of problems using realistic data sets.
