

1. Record Nr.	UNINA9910145766603321
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
Collana	IEEE Press series on biomedical engineering ; ; 17
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
Livello bibliografico	Monografia
Note generali	"IEEE Engineering in Medicine and Biology Society, Sponsor."
Nota di bibliografia	Includes bibliographical references (p. 251-257) and index.
Nota di contenuto	<p>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.</p>
Sommario/riassunto	<p>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.</p>

2. Record Nr.	UNIORUON00295326
Autore	BALMAS, Enea
Titolo	L'età del Rinascimento in Francia : letteratura e storia / Enea Balmas, Diego Valeri
Pubbl/distr/stampa	Milano, : Sansoni-Accademia, c1968
Descrizione fisica	761 p. ; 23 cm.
Altri autori (Persone)	VALERI, Diego
Disciplina	840.09
Soggetti	Letteratura francese - Storia - Sec. 15.-16
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia