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| 1. | Record Nr. | UNISA996466285403316 |
| | Titolo | Multi-disciplinary Trends in Artificial Intelligence [[electronic resource] ] : 12th International Conference, MIWAI 2018, Hanoi, Vietnam, November 18–20, 2018, Proceedings / / edited by Manasawee Kaenampornpan, Rainer Malaka, Duc Dung Nguyen, Nicolas Schwind |
| | Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018 |
| | ISBN | 3-030-03014-8 |
| | Edizione | [1st ed. 2018.] |
| | Descrizione fisica | 1 online resource (XV, 271 p. 106 illus., 73 illus. in color.) |
| | Collana | Lecture Notes in Artificial Intelligence ; ; 11248 |
| | Disciplina | 006.3 |
| | Soggetti | Artificial intelligence<br>Computer communication systems<br>Special purpose computers<br>Optical data processing<br>Algorithms<br>Computers<br>Artificial Intelligence<br>Computer Communication Networks<br>Special Purpose and Application-Based Systems<br>Computer Imaging, Vision, Pattern Recognition and Graphics<br>Algorithm Analysis and Problem Complexity<br>Information Systems and Communication Service |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| | Nota di contenuto | Artificial intelligence -- Natural language processing -- Knowledge representation and reasoning -- Planning and scheduling Computer vision -- Machine learning -- Modeling and simulation -- Distributed artificial intelligence. |
| | Sommario/riassunto | This book constitutes the refereed conference proceedings of the 12th International Conference on Multi-disciplinary Trends in Artificial Intelligence, MIWAI 2018, held in Hanoi, Vietnam, in November 2018. The 16 full papers presented together with 9 short papers were |

carefully reviewed and selected from 65 submissions. They are organized in the following topical sections: control, planning and scheduling, pattern recognition, knowledge mining, software applications, strategy games and others.

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| 2. | Record Nr. | UNIORUON00190827 |
| | Titolo | Between heaven and hell : the myth of Siberia in Russian culture / Edited by Galya Diment and Yuri Slezkine |
| | Pubbl/distr/stampa | New York, : St. Martin's Press, 1993. X, 278 p. ; 21 cm. |
| | ISBN | 03-12-06072-6 |
| | Disciplina | 957 |
| | Soggetti | SIBERIA - Letteratura - Storia |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |

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| 3. Record Nr. | UNINA9910971850203321 |
| Autore | Farhang-Boroujeny B |
| Titolo | Adaptive filters : theory and applications / / Behrouz Farhang-Boroujeny |
| Pubbl/distr/stampa | Chichester, West Sussex, U.K., : Wiley, [2013] |
| ISBN | 1-118-59134-8<br>1-118-59135-6<br>1-118-59133-X<br>1-299-46521-8 |
| Edizione | [2nd ed.] |
| Descrizione fisica | xx, 778 p. : ill |
| Disciplina | 621.3815/324 |
| Soggetti | Adaptive filters<br>Adaptive signal processing |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Cover -- Title Page -- Copyright -- Contents -- Preface -- Acknowledgments -- Chapter 1 Introduction -- 1.1 Linear Filters -- 1.2 Adaptive Filters -- 1.3 Adaptive Filter Structures -- 1.4 Adaptation Approaches -- 1.4.1 Approach Based on Wiener Filter Theory -- 1.4.2 Method of Least-Squares -- 1.5 Real and Complex Forms of Adaptive Filters -- 1.6 Applications -- 1.6.1 Modeling -- 1.6.2 Inverse Modeling -- 1.6.3 Linear Prediction -- 1.6.4 Interference Cancellation -- Chapter 2 Discrete-Time Signals and Systems -- 2.1 Sequences and z-Transform -- 2.2 Parseval's Relation -- 2.3 System Function -- 2.4 Stochastic Processes -- 2.4.1 Stochastic Averages -- 2.4.2 z-Transform Representations -- 2.4.3 The Power Spectral Density -- 2.4.4 Response of Linear Systems to Stochastic Processes -- 2.4.5 Ergodicity and Time Averages -- Problems -- Chapter 3 Wiener Filters -- 3.1 Mean-Squared Error Criterion -- 3.2 Wiener Filter-Transversal, Real-Valued Case -- 3.3 Principle of Orthogonality -- 3.4 Normalized Performance Function -- 3.5 Extension to Complex-Valued Case -- 3.6 Unconstrained Wiener Filters -- 3.6.1 Performance Function -- 3.6.2 Optimum Transfer Function -- 3.6.3 Modeling -- 3.6.4 Inverse Modeling -- 3.6.5 Noise Cancellation -- 3.7 Summary and Discussion |

Power-Based Double-Talk Detectors -- 15.3.5 Numerical Results -- 15.4 Howling Suppression -- 15.4.1 Howling Suppression Through Notch Filtering -- 15.4.2 Howling Suppression by Spectral Shift -- 15.5 Stereophonic Acoustic Echo Cancellation -- 15.5.1 The Fundamental Problem -- 15.5.2 Reducing Coherence Between x1(n) and x2(n) -- 15.5.3 The LMS-Newton Algorithm for Stereophonic Systems -- Chapter 16 Active Noise Control.
16.1 Broadband Feedforward Single-Channel ANC.

Sommario/riassunto

This second edition of Adaptive Filters: Theory and Applications has been updated throughout to reflect the latest developments in this field; notably an increased coverage given to the practical applications of the theory to illustrate the much broader range of adaptive filters applications developed in recent years. The book offers an easy to understand approach to the theory and application of adaptive filters by clearly illustrating how the theory explained in the early chapters of the book is modified for the various applications discussed in detail in later chapters. This integrated approach makes the book a valuable resource for graduate students; and the inclusion of more advanced applications including antenna arrays and wireless communications makes it a suitable technical reference for engineers, practitioners and researchers. Key features:  Offers a thorough treatment of the theory of adaptive signal processing; incorporating new material on transform domain, frequency domain, subband adaptive filters, acoustic echo cancellation and active noise control.  Provides an in-depth study of applications which now includes extensive coverage of OFDM, MIMO and smart antennas.  Contains exercises and computer simulation problems at the end of each chapter.  Includes a new companion website hosting MATLAB® simulation programs which complement the theoretical analyses, enabling the reader to gain an in-depth understanding of the behaviours and properties of the various adaptive algorithms.