1. Record Nr. UNINA9910437891803321

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| Autore | Kovacevic Branko |
| Titolo | Adaptive digital filters / / Branko Kovacevic, Zoran Banjac, Milan Milosavljevic |
| Pubbl/distr/stampa | Heidelberg ; ; New York, : Springer, 2013 |
| ISBN | 9783642335617<br>3642335616 |
| Edizione | [1st ed. 2013.] |
| Descrizione fisica | 1 online resource (xiv, 211 pages) : illustrations (some color) |
| Collana | Gale eBooks |
| Classificazione | 621.3<br>ZN 5760 |
| Altri autori (Persone) | BanjacZoran<br>MilosavljevicMilan |
| Disciplina | 621.3815324 |
| Soggetti | Adaptive filters<br>Adaptive signal processing |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Adaptive filtering -- Finite impulse response adaptive filters with variable forgetting factor -- Finite impulse response adaptive filters with increased convergence speed -- Robustification of finite impulse response adaptive filters -- Application of adaptive digital filters for echo cancellation in telecommunication networks. |
| Sommario/riassunto | “Adaptive Digital Filters” presents an important discipline applied to the domain of speech processing. The book first makes the reader acquainted with the basic terms of filtering and adaptive filtering, before introducing the field of advanced modern algorithms, some of which are contributed by the authors themselves. Working in the field of adaptive signal processing requires the use of complex mathematical tools. The book offers a detailed presentation of the mathematical models that is clear and consistent, an approach that allows everyone with a college level of mathematics knowledge to successfully follow the mathematical derivations and descriptions of algorithms. The algorithms are presented in flow charts, which facilitates their practical implementation. The book presents many experimental results and treats the aspects of practical application of adaptive filtering in real systems, making it a valuable resource for both undergraduate and |

graduate students, and for all others interested in mastering this important field.