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| Autore | Kumar B. Preetham |
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| Edizione | [Second edition.] |
| Descrizione fisica | 1 online resource (300 p.) |
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| Soggetti | Signal processing - Digital techniques Electronic books. |
| 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 at the end of each chapters and index. |
| Nota di contenuto | Front cover; Contents; Preface; Note to Readers on Structure of Book and Exercises; Author; Chapter 1. Introduction to Digital Signal Processing; Chapter 2. Discrete-Time LTI Signals and Systems; Chapter 3. Time and Frequency Analysis of Communication Signals; Chapter 4. Analog to Digital (A/D) and Digital to Analog (D/A) Conversion; Chapter 5. Digital Filter Design-I Theory and Software Tools; Chapter 6. Digital Filter Design-II Applications; Chapter 7. DSP Hardware Design-I; Chapter 8. DSP Hardware Design-II; Appendix A; Appendix B; Appendix C; Appendix D; Appendix E; Appendix F; Index Back cover |
| Sommario/riassunto | Considering therapid evolution of digital signal processing (DSP), those studying this field require an easily understandable text that complements practical software and hardware applications with sufficient coverage of theory. Designed to keep pace with advancements in the field and elucidate lab work, Digital Signal Processing Laboratory, Second Edition was developed using material and student input from courses taught by the author. |