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Autore	Zolzer Udo
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Edizione	[2nd ed.]
Descrizione fisica	1 online resource (XII, 320 p.)
Disciplina	621.382/2 621.3822
Soggetti	Sound - Recording and reproducing - Digital techniques 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 (p. 311-316) and index.
Nota di contenuto	Preface to the Second Edition. -- Preface to the First Edition. -- 1. Introduction. -- 1.1. Studio Technology. -- 1.2. Digital Transmission Systems. -- 1.3. Storage Media. -- 1.4. Audio Components at Home. -- 2. Quantization. -- 2.1. Signal Quantization. -- 2.2. Dither. -- 2.3. Spectrum Shaping of Quantization - Noise Shaping. -- 2.4. Number Representation. -- 2.5. Java Applet - Quantization, Dither, and Noise Shaping. -- 2.6. Exercises. -- 3. AD/DA Conversion. -- 3.1. Methods. -- 3.2. AD Converters. -- 3.3. DA Converters. -- 3.4. Java Applet - Oversampling and Quantization. -- 3.5. Exercises. -- 4. Audio Processing Systems. -- 4.1. Digital Signal Processors. -- 4.2. Digital Audio Interfaces. -- 4.3. Single-processor Systems. -- 4.4. Multi-processor Systems. -- 5. Equalizers. -- 5.1. Basics. -- 5.2. Recursive Audio Filters. -- 5.3. Nonrecursive Audio Filters. -- 5.4. Multi-complementary Filter Bank. -- 5.5. Java Applet - Audio Filters. -- 5.6. Exercises. -- 6. Room Simulation. -- 6.1. Basics. -- 6.2. Early Reflections. -- 6.3. Subsequent Reverberation. -- 6.4. Approximation of Room Impulse Responses. -- 6.5. Java Applet - Fast Convolution. --

6.6. Exercises. -- 7. Dynamic Range Control. -- 7.1. Basics. -- 7.2. Statics Curve. -- 7.3. Dynamic Behavior. -- 7.4. Implementation. -- 7.5. Realization Aspects. -- 7.6. Java Applet - Dynamic Range Control. -- 7.7. Exercises. -- 8. Sampling Rate Conversion. -- 8.1. Basics. -- 8.2. Synchronous Conversion. -- 8.3. Asynchronous Conversion. -- 8.4. Interpolation Methods. -- 8.5. Exercises. -- 9. Audio Coding. -- 9.1. Lossless Audio Coding. -- 9.2. Lossy Audio Coding. -- 9.3. Psychoacoustics. -- 9.4. ISO-MPEG-1 Audio Coding. -- 9.5. MPEG-2 Audio Coding. -- 9.6. MPEG-2 Advanced Audio Coding. -- 9.7. MPEG-4 Audio Coding. -- 9.8. Spectral Band Replication. -- 9.9. Java Applet - Psychoacoustics. -- 9.10. Exercises. -- References. -- Index.

Sommario/riassunto

A fully updated second edition of the excellent Digital Audio Signal Processing. Well established in the consumer electronics industry, Digital Audio Signal Processing (DASP) techniques are used in audio CD, computer music and multimedia components. In addition, the applications afforded by this versatile technology now range from real-time signal processing to room simulation. Digital Audio Signal Processing covers the latest signal processing algorithms for audio processing. Every chapter has been completely revised with an easy to understand introduction, and exercises have been provided on an accompanying website, which support the book by easy to access application examples. Key features include: . A thoroughly updated and revised second edition of the popular Digital Audio Signal Processing, a comprehensive coverage of the topic as a whole . Provides basic principles and fundamentals for quantization, filters, dynamic range control, room simulation, sampling rate conversion, and audio coding . Includes detailed accounts of studio technology, digital transmission systems, storage media and audio component for home entertainment . Contains precise algorithm description and applications . Provides a full account of the techniques of DASP showing their theoretical foundations and practical solutions . Includes updated computer-based exercises and an accompanying website featuring Web-based interactive JAVA-Applets for audio processing This essential guide to DASP will serve as an invaluable reference to audio engineering professionals, R&D engineers, researchers in industries and academia, and developers in IT companies. Advanced students studying multimedia courses will also find this book of interest.

2. Record Nr.	UNINA9910155609403321
Titolo	Americanah : by Chimamanda Ngozi Adichie : summary and analysis // by Instaread
Pubbl/distr/stampa	[San Francisco, California] : , : Instaread, , 2016 ©2016
ISBN	1-944195-62-9
Descrizione fisica	1 online resource (22 pages)
Disciplina	823.00922
Soggetti	English fiction English literature
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.

3. Record Nr.	UNIORUON00266374
Autore	MORENA, Francesco
Titolo	Dalle Indie orientali alla corte di Toscana. Collezioni di arte cinese e giapponese a Palazzo Pitti / Francesco Morena ; coordinamento e presentazione di Ornella Casazza ; con un saggio di Lucia Caterina
Pubbl/distr/stampa	Firenze, : Giunti, 2005
ISBN	88-09-04172-0
Descrizione fisica	479 p. : ill. ; 28 cm
Classificazione	EO IX M
Soggetti	ARTE ORIENTALE - COLLEZIONI E MUSEI - ITALIA
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia