1. Record Nr. UNISA996495163003316 Autore Dailey Denton J. Titolo Electronics for guitarists / / Denton J. Dailey Cham, Switzerland:,: Springer,, [2022] Pubbl/distr/stampa ©2022 **ISBN** 9783031107580 9783031107573 Edizione [Third edition.] Descrizione fisica 1 online resource (507 pages) Disciplina 787.8709969 Soggetti Electric guitar Amplifiers (Electronics) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Intro -- Preface -- Who This Book Is Written For -- Analog Rules! --About the Math -- Building the Circuits -- Vacuum Tubes -- The Third Edition -- Safety -- Disclaimer -- Acknowledgments -- Contact Information -- Internet Links and Descriptions Used in Text --Contents -- List of Figures -- Chapter 1: Power Supplies --Introduction -- A Simple Power Supply Circuit -- The Transformer --The Rectifier -- Analysis of the Rectifier -- The Frequency Domain --The Filter -- Ripple Voltage -- Filter Analysis: The Frequency Domain -- Response Curves, Decades, and Octaves -- Power Indicators --Neon Lamps -- Light-Emitting Diodes -- LED Current Limiting Resistor Calculation -- Incandescent Lamps -- A Basic Regulated Power Supply -- The 78xx Voltage Regulator -- Dropout Voltage -- Power

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2. Record Nr. UNISALENTO991003957589707536

Autore Marchetta, Antonio

Titolo Orosio e Ataulfo nell'ideologia dei rapporti romano-barbarici / Antonio

Marchetta

Pubbl/distr/stampa Roma : nella sede dell'Istituto, 1987

Descrizione fisica 420 p.; 26 cm.

Collana Studi storici / Istituto storico italiano per il Medio evo ; 174/177

Disciplina 937.090924

Soggetti Ataulfo <re dei Visigoti>

Orosio. Historiarum adversus paganos libri septem Riferimenti ad

Ataulfo

Ataulfo <re dei Visigoti>

Orosio. Historiarum adversus paganos libri septem Riferimenti ad

Ataulfo

Lingua di pubblicazione Italiano

Formato Materiale a stampa

Livello bibliografico Monografia

3. Record Nr. UNISALENTO991004346438407536

Autore Peyronel Rambaldi, Susanna

Titolo Dai Paesi Bassi all'Italia : il Sommario della Sacra Scrittura : un libro

proibito nella società italiana del Cinquecento / Susanna Peyronel

Rambaldi

Pubbl/distr/stampa Firenze: Olschki, 1997

ISBN 8822245571

Descrizione fisica XI, 429 p., [3] c. di tav. : ill. ; 26 cm

Collana Studi e testi per la storia religiosa del Cinquecento ; 8

Disciplina 230.094

098.11

Soggetti Riforma - Italia - Fonti

Summa der Godliker Scrifturen Diffusione Italia Sec.16.

Lingua di pubblicazione Italiano

Formato Materiale a stampa

Livello bibliografico Monografia

Note generali Segue appendice: Il sommario della sacra scrittura

Tit. orig.: Summa der Godliker Scrifturen