

1. Record Nr.	UNINA9910462928803321
Autore	Davis Don <1928->
Titolo	Sound system engineering [[electronic resource]] / Don Davis, Eugene Patronis, Jr., Pat Brown ; edited by Glen Ballou
Pubbl/distr/stampa	Burlington, Mass. ; ; Oxfordshire, England, : Focal Press, c2013
ISBN	0-240-81847-4
Edizione	[4th ed.]
Descrizione fisica	1 online resource (644 p.)
Altri autori (Persone)	PatronisEugene, Jr. BrownPat <1957-> BallouGlen
Disciplina	621.389/3 621.3893
Soggetti	Sound - Recording and reproducing Electro-acoustics 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 and index.
Nota di contenuto	Cover; Sound System Engineering; Copyright; Contents; Preface; Chapter 1 Why Sound System Engineering?; 1.1 Prerequisites; 1.2 Basic Electrical Training; 1.3 Mathematics; 1.4 Hearing Versus Listening; 1.5 Craftsmanship; 1.6 Rigging; 1.7 Literacy; 1.8 The Art, Philosophy, and Science of Sound; 1.9 Fields; Chapter 2 Voices Out of the Past; 2.1 Significant Figures in the History of Audio and Acoustics*; 2.2 1893-The Magic Year; 2.3 Bell laboratories and Western Electric; 2.4 Harvey Fletcher (1884-1981); 2.5 Harry Nyquist (1889-1976); 2.6 The dB, dBm, and the VI; 2.7 Sound System Equalization 2.8 Acoustic Measurements-Richard C. Heyser (1931-1987)2.9 Calculators and Computers; 2.10 The Meaning of Communication; 2.11 Historical Notes; Chapter 3 Sound and Our Brain; 3.1 The Human Brain; 3.2 The Current Era; 3.3 Unexpected Validation; Chapter 4 Psychoacoustics; 4.1 Motivations; 4.2 Sound Reproduction; 4.3 Is it Better to be Born Blind or Deaf ?; 4.4 Recording Sound at the Eardrum; 4.5 Psychoacoustics via a Metaphysical Foundation; 4.6 Barks, Bands, Equivalent Rectangular Bandwidths (ERBs), Phons and Sones; Chapter 5 Digital Theory; 5.1 Shannon's Theory; 5.2 Dynamic Range

5.3 The Steps from Art to Science; 5.4 Moravec's Warning; 5.5 Digital Nomenclature; 5.6 What Is a Bit of Data?; 5.7 Bayesian Theory; 5.8 Planck System; 5.9 Bits, Nats, and Bans; 5.10 A Communication System; 5.11 Holography; Chapter 6 Mathematics for Audio Systems; 6.1 Engineering Calculations; 6.2 Precision, Accuracy, and Resolution; 6.3 Simple Numbers; 6.4 How to Add Gains and Losses Algebraically; 6.5 The Factor-Label System; 6.6 Basic Physical Terms; 6.7 Mathematical Operations; 6.8 Complex Number Operations; 6.9 Decade Calibration; 6.10 Converting Linear Scales to Logarithmic Scales; 6.11 Finding the Renard Series for Fractional Octave Spacing; 6.12 Radians and Steradians; 6.13 Calculating Percentages and Ratios; 6.14 Useful Math Tables; 6.15 Angles; 6.16 A Little Trigonometry; 6.17 The Origin of the Base of the Natural Logarithm, e ; 6.18 The Complex Plane; 6.19 Euler's Theorem; 6.20 Examples; 6.21 Phasors; 6.22 Rates of Change; Chapter 7 Using the Decibel; 7.1 The Decibel; 7.2 The Neper; 7.3 Concepts Underlying the Decibel and Its Use in Sound Systems; 7.4 Measuring Electrical Power; 7.5 Levels in dB; 7.6 The Decibel in Acoustics-LP, LW, and LI; 7.7 Acoustic Intensity Level (LI), Acoustic Power Level (LW), and Acoustic Pressure Level (LP); 7.8 Inverse Square Law; 7.9 Directivity Factor; 7.10 Ohm's Law; 7.11 A Decibel Is a Decibel Is a Decibel; 7.12 The Equivalent Level (LEQ) in Noise Measurements; 7.13 Combining Decibels; 7.14 Combining Voltage; 7.15 Using the Log Charts; 7.16 Finding the Logarithm of a Number to Any Base; 7.17 Semitone Intervals; 7.18 System Gain Changes; 7.19 The VU and the VI Instrument; 7.20 Calculating the Number of Decades in a Frequency Span; 7.21 Deflection of the Eardrum at Various Sound Levels; 7.22 The Phon; 7.23 The Tempered Scale

Sommario/riassunto

Long considered the only book an audio engineer needs on their shelf, Sound System Engineering provides an accurate, complete and concise tool for all those involved in sound system engineering. Fully updated on the design, implementation and testing of sound reinforcement systems this great reference is a necessary addition to any audio engineering library. Packed with revised material, numerous illustrations and useful appendices, this is a concentrated capsule of knowledge and industry standard that runs the complete range of sound system design from the simplest all-analo

2. Record Nr.	UNINA9910451754203321
Autore	Chaloupka William <1948->
Titolo	Everybody knows [[electronic resource]] : cynicism in America // William Chaloupka
Pubbl/distr/stampa	Minneapolis, : University of Minnesota Press, c1999
ISBN	0-8166-9008-1 0-8166-5277-5
Descrizione fisica	1 online resource (260 p.)
Disciplina	303.3/8/0973 303.380973
Soggetti	Cynicism - United States Public opinion - United States 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 and index.
Nota di contenuto	Contents; Acknowledgments; Introduction; Part I: Cynicism; Part II: Cultural Crisis; Part III: Alternatives; Notes; Index
Sommario/riassunto	In this biting and controversial analysis-now available in paperback-William Chaloupka scrutinizes the cynicism that is our common condition, examining both its uses in the politics of backlash and resentment and its surprisingly positive aspects. "A provocative study of political cynicism and pessimism." New York Review of Books