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Titolo	Cognitive-behavioral interventions in educational settings : a handbook for practice / / edited by Rosemary B. Mennuti, Ray W. Christner, Arthur Freeman
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ISBN	1-136-48698-4 0-203-13636-5
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Descrizione fisica	1 online resource (783 p.)
Altri autori (Persone)	ChristnerRay W. <1972-> FreemanArthur <1942-> MennutiRosemary B. <1947->
Disciplina	370.15/28
Soggetti	School psychology Cognitive therapy for children Behavior modification Electronic books.
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Cognitive-behavioral Interventions in Educational Settings; Copyright; Contents; List of Figures; List of Tables; Foreword; Acknowledgments; Contributors; Section I : Foundations; Chapter 1 : an Introduction to Cognitive-behavioral Therapy with Youth; Chapter 2 : Implementation of Cognitive-behavioral Therapy (cbt) to School-based Mental Health: a Developmental Perspective; Chapter 3 : Multicultural Issues in School Mental Health: Responsive Intervention in the Educational Setting; Chapter 4 : a Cognitive-behavioral Case Conceptualization for Children and Adolescents Section II : Application of Cbt Interventions with Specific DisordersChapter 5 : Anxiety Disorders: School-based Cognitive-Behavioral Interventions; Chapter 6 : School Refusal Behavior: School-based Cognitive-behavioral Interventions; Chapter 7 : Selective Mutism: Cognitive-behavioral Assessment and Intervention; Chapter 8 : Depression: School-based Cognitive- Behavioral Interventions; Chapter 9 : Bipolar Disorder: School-based Cognitive- Behavioral Interventions;

Chapter 10 : Adolescents with Eating Disorders: School- Based Cognitive-behavioral Interventions
Chapter 11 : Anger and Aggression: School-based Cognitive-behavioral InterventionsChapter 12 : Bullying and Coercion: School-based Cognitive-behavioral Interventions; Chapter 13 : Children with Learning Disabilities: School- Based Cognitive-behavioral Interventions; Chapter 14 : Attention Deficit Hyperactivity Disorder: School-based Cognitive-behavioral Interventions; Chapter 15 : Individuals with Developmental Disabilities: School-based Cognitive-behavioral Interventions; Chapter 16 : Autism: School-based Cognitive-behavioral Interventions
Chapter 17 : Lesbian, Gay, Bisexual, Transgendered, and Questioning (lgbtq) Youth: School Climate, Stressors, and InterventionsChapter 18 : Children with Chronic Health Conditions: School- Based Cognitive-behavioral Interventions; Chapter 19 : Substance-abuse Prevention: School-based Cognitive-behavioral Approaches; Section III: Application of Cbt Interventions with Systems; Chapter 20 : Cognitive-behavioral Strategies for School Behavioral Consultation; Chapter 21 : Cognitive-behavioral Approaches to School- Crisis Response; Chapter 22 : Building Resilience in Schools
Chapter 23 : Incorporating Cognitive-behavioral Therapy in a School-wide Positive Behavioral Support System: Promoting Good Mental Health in All ChildrenSection IV : Summary; Chapter 24 : the Future of Cognitive-behavioral Interventions in Schools; Index

Sommario/riassunto

"This revised volume serves as an updated resource for school-based practitioners, as well as others providing treatment to children and adolescents, by presenting evidence-based interventions for a variety of issues commonly seen in school settings. Leading professionals provide assessment and intervention approaches based on a cognitive-behavioral framework, with specific sensitivity given to the unique needs of youth within the context of school and family. Including both innovative and well-established approaches to working with children and adolescents in schools, this text offers interventions for a variety of issues and concerns faced by school-aged youth. The use of case studies and session outlines, as well as the balance of theoretical and clinical concerns, enhances this book's value as a reference for both clinicians and students."--

2.

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Autore	Bahl I. J
Titolo	Fundamentals of RF and microwave transistor amplifiers [[electronic resource] /] / Inder Bahl
Pubbl/distr/stampa	Oxford, : Wiley, 2009
ISBN	1-282-36840-0 9786612368400 0-470-46234-5 0-470-46231-0
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Nota di contenuto	Fundamentals of RF and Microwave Transistor Amplifiers; Contents in Brief; Contents; Foreword; Preface; 1. Introduction; 1.1. Transistor Amplifier; 1.2. Early History of Transistor Amplifiers; 1.3. Benefits of Transistor Amplifiers; 1.4. Transistors; 1.5. Design of Amplifiers; 1.6. Amplifier Manufacturing Technologies; 1.7. Applications of Amplifiers; 1.8. Amplifier Cost; 1.9. Current Trends; 1.10. Book Organization; References; 2. Linear Network Analysis; 2.1. Impedance Matrix; 2.2. Admittance Matrix; 2.3. ABCD Parameters; 2.4. S-Parameters; 2.4.1. S-Parameters for a One-Port Network 2.5. Relationships Between Various Two-Port ParametersReferences; Problems; 3. Amplifier Characteristics and Definitions; 3.1. Bandwidth; 3.2. Power Gain; 3.3. Input and Output VSWR; 3.4. Output Power; 3.5. Power Added Efficiency; 3.6. Intermodulation Distortion; 3.6.1. IP3; 3.6.2. ACPR; 3.6.3. EVM; 3.7. Harmonic Power; 3.8. Peak-to-Average Ratio; 3.9. Combiner Efficiency; 3.10. Noise Characterization; 3.10.1. Noise Figure; 3.10.2. Noise Temperature; 3.10.3. Noise Bandwidth;

3.10.4. Optimum Noise Match; 3.10.5. Constant Noise Figure and Gain Circles; 3.10.6. Simultaneous Input and Noise Match
3.11. Dynamic Range3.12. Multistage Amplifier Characteristics; 3.12.1. Multistage IP3; 3.12.2. Multistage PAE; 3.12.3. Multistage NF; 3.13. Gate and Drain Pushing Factors; 3.14. Amplifier Temperature Coefficient; 3.15. Mean Time to Failure; References; Problems; 4. Transistors; 4.1. Transistor Types; 4.2. Silicon Bipolar Transistor; 4.2.1. Figure of Merit; 4.2.2. High-Frequency Noise Performance of Silicon BJT; 4.2.3. Power Performance; 4.3. GaAs MESFET; 4.3.1. Small-Signal Equivalent Circuit; 4.3.2. Figure of Merit; 4.3.3. High-Frequency Noise Properties of MESFETs
4.4. Heterojunction Field Effect Transistor4.4.1. High-Frequency Noise Properties of HEMTs; 4.4.2. Indium Phosphide pHEMTs; 4.5. Heterojunction Bipolar Transistors; 4.5.1. High-Frequency Noise Properties of HBTs; 4.5.2. SiGe Heterojunction Bipolar Transistors; 4.6. MOSFET; References; Problems; 5. Transistor Models; 5.1. Transistor Model Types; 5.1.1. Physics/Electromagnetic Theory Based Models; 5.1.2. Analytical or Hybrid Models; 5.1.3. Measurement Based Models; 5.2. MESFET Models; 5.2.1. Linear Models; 5.2.2. Nonlinear Models; 5.3. pHEMT Models; 5.3.1. Linear Models; 5.3.2. Nonlinear Models
5.4. HBT Model5.5. MOSFET Models; 5.6. BJT Models; 5.7. Transistor Model Scaling; 5.8. Source-Pull and Load-Pull Data; 5.8.1. Theoretical Load-Pull Data; 5.8.2. Measured Power and PAE Source Pull and Load Pull; 5.8.3. Measured IP3 Source and Load Impedance; 5.8.4. Source and Load Impedance Scaling; 5.9. Temperature-Dependent Models; References; Problems; 6. Matching Network Components; 6.1. Impedance Matching Elements; 6.2. Transmission Line Matching Elements; 6.2.1. Microstrip; 6.2.2. Coplanar Lines; 6.3. Lumped Elements; 6.3.1. Capacitors; 6.3.2. Inductors; 6.3.3. Resistors
6.4. Bond Wire Inductors

Sommario/riassunto

A Comprehensive and Up-to-Date Treatment of RF and Microwave Transistor Amplifiers This book provides state-of-the-art coverage of RF and microwave transistor amplifiers, including low-noise, narrowband, broadband, linear, high-power, high-efficiency, and high-voltage. Topics covered include modeling, analysis, design, packaging, and thermal and fabrication considerations. Through a unique integration of theory and practice, readers will learn to solve amplifier-related design problems ranging from matching networks to biasing and stability. More than 240 problems are included to help read