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Autore	Sousa David A.
Titolo	How the brain influences behavior : management strategies for every classroom // David A. Sousa ; cover designer, Tracy Miller
Pubbl/distr/stampa	Thousand Oaks, California : , : Corwin Press, , 2009 ©2009
ISBN	1-4522-9509-3 1-4522-9815-7
Descrizione fisica	1 online resource (264 p.)
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Soggetti	Classroom management Problem children - Behavior modification Brain Electronic books.
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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""; ""Contents""; ""About the Author""; ""Acknowledgments""; ""Introduction""; ""Are Behavior Problems on the Rise?""; ""Can Neuroscience Help?""; ""About this Book""; ""Questions this Book Will Answer""; ""Chapter Contents""; ""Other Helpful Tools""; ""Chapter 1 - Handling Social Misbehavior""; ""The Social and Emotional Brain""; ""Emotional Processing""; ""Pathways of Emotional Signals""; ""What Leads to Social Misbehavior?""; ""The Teacher is the Key""; ""Interventions for Handling Social Misbehavior""; ""Dealing with Social Anxieties""; ""Using Social Stories to Modify Behavior"" ""A Case Study: Using a Social Story for a Verbally Aggressive Student""""A Social Story for Angry Students""; ""Summary""; ""Chapter 2 - Dealing with Impulsive Behavior""; ""What Leads to Impulsivity and Violent Behavior""; ""Genetic Variations""; ""Prenatal Exposure to Cocaine""; ""Cerebral Lesions""; ""An Important Word About Testosterone""; ""Ignorance of Rules of Behavior""; ""Some Strategies for Controlling Impulsive Behavior""; ""Cognitive and Cognitive-Behavioral Interventions""; ""Putting Impulsive Problem Behavior in a Social Context""

""Using Picture Books to Curb Impulsive Anger or Anxiety""""Other Suggested Strategies""; ""Summary""; ""Chapter 3 - Teaching Self-Control through Self-Verbalization""; ""Examining Self-Control""; ""What is Self-Control?""; ""Are Children Learning Self-Control?""; ""Brain Structures for Self-Control""; ""Do Mirror Neurons Play a Role in Self-Control?""; ""Losing Self-Control""; ""Helping Students Regain Self-Control""; ""Verbal Self-Control of Aggressive, Defiant, or other Behavior""; ""The Power of Self-Talk""; ""The ZIPPER Strategy""; ""a€œSay No and Walk Awaya€? to Resist Peer Pressure"" ""Self-Control through Self-Talk and Self-Monitoring""""The Nature of Attention""; ""Self-Monitoring for other Problem Behaviors""; ""Self-Control through Self-Rating of Emotional Intensity""; ""The Anger Thermometer""; ""Summary""; ""Chapter 4 - Managing the Behavior of Boys""; ""Why a Concern with Boys?""; ""Gender Differences in Behavior""; ""Genetic and Environmental Factors""; ""Impact of Biology""; ""Some Research Findings on Behavioral Differences""; ""Using Research-Based Strategies""; ""Movement-Based Instruction and Classroom Management""; ""Boy-Friendly Instruction and Discipline"" ""The Responsibility Strategy""""And What about Girls?""; ""The Rise of Cyberbullying""; ""Bullying versus Cyberbullying""; ""Dealing with Cyberbullying""; ""Summary""; ""Chapter 5 - Building Positive Relationships with Troubled Students""; ""Relationships and Research""; ""Insights from Neuroscience""; ""Some Research Findings""; ""Developing Teacher-Student Relationships""; ""The Importance of Positive Relationships with and for Students""; ""Reaching Unreachable Students with Dialogue Journals""; ""The Lunch Bunch: An Educatora€?s Idea"" ""Managing Serious Behavior Problems through Adult Mentoring""

Sommario/riassunto

Combining theory and practice, this user-friendly guide translates current brain research into practical, effective strategies for controlling or minimizing disruptive behaviors in K-12 classrooms.

2. Record Nr.	UNINA9910780042203321
Autore	Wang Jiangzhou
Titolo	Broadband wireless communications [[electronic resource]] : 3G, 4G, and wireless LAN // by Jiangzhou Wang
Pubbl/distr/stampa	Boston, : Kluwer Academic Publishers, 2001
ISBN	1-280-20572-5 9786610205721 0-306-46999-5
Edizione	[1st ed. 2001.]
Descrizione fisica	1 online resource (354 p.)
Collana	The Kluwer international series in engineering and computer science ; ; SECS 620
Disciplina	384.5/3
Soggetti	Broadband communication systems Wireless communication systems
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	3G Mobile Communications -- Wideband CDMA -- Multicode CDMA -- Advanced Tracking Loop -- CDMA Overlay -- Adaptive Filtering in CDMA Overlay -- Open-loop Power Control in CDMA Overlay -- Closed-loop Power Control -- Uplink Multicarrier DS/SFH-CDMA -- Downlink Multicarrier DS/SFH-CDMA -- Wireless Frequency Hopping -- A Novel FHMA Receiver -- 4G Mobile Communications.
Sommario/riassunto	The broadband wireless communications field is growing at an explosive rate, stimulated by a host of important emerging applications ranging from 3G, 4G and wireless LAN. Wideband CDMA and CDMA2000 will be used for 3G. OFDM+CDMA might be a good choice for 4G, CDMA overlay will possibly be used for new-generation broadband wireless LAN. For system planners and designers, the projections of rapidly escalating demand for such wireless services present major challenges and meeting these challenges will require sustained technical innovation on many fronts. The text of this book has been developed through years of research by the author and his graduate students at the University of Hong Kong. The aim of this book is to provide a R&D perspective on the field of broadband wireless communications by describing the recent research developments in this area and also by identifying key directions in which further research is

needed. As a background, I presume that the reader has a thorough understanding of digital communications and spread spectrum/CDMA. The book is arranged into 13 chapters. In chapter 1, some key specifications of 3G WCDMA are described and discussed. These techniques include channel coding, rate matching, modulation and spreading, power control, cell search, transmit diversity, soft-handoff, and so on. In Chapter 2, the coherent RAKE reception of Wideband CDMA signals with complex spreading is considered. A dedicated pilot channel, which is separate from data channels, is used for the purpose of channel estimation.
