

1. Record Nr.	UNINA9910958710403321
Autore	Graham Hermine L
Titolo	Cognitive-behavioural integrated treatment (C-BIT) : a treatment manual for substance misuse in people with severe mental health problems / / Hermine L. Graham, with Alex Copello ... [et al]
Pubbl/distr/stampa	Southern Gate, Chichester, West Sussex, Eng. ; ; Hoboken, N.J., : J. Wiley, c2004
ISBN	9786610101467 9781280101465 1280101466 9780470857045 0470857048
Edizione	[1st ed.]
Descrizione fisica	1 online resource (320 p.)
Altri autori (Persone)	CopelloAlex <1957->
Disciplina	616.86/0651
Soggetti	Dual diagnosis Cognitive therapy Mentally ill - Alcohol use Mentally ill - Drug use
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. [285]-294) and index.
Nota di contenuto	COGNITIVE-BEHAVIOURAL INTEGRATED TREATMENT (C-BIT); CONTENTS; About the Authors; Aims of the Book; Acknowledgements; PART ONE: INTRODUCTION TO COGNITIVE-BEHAVIOURAL INTEGRATED TREATMENT (C-BIT); 1 Issues in Working with those with Coexisting Severe Mental Health Problems Who Use Substances Problematically; The Nature of Coexisting Severe Mental Health and Alcohol/Drug Problems; Models of Comorbidity; Obstacles to Treatment and Behaviour Change; Treatment Needs; 2 Overview of C-BIT Approach; Objectives; Structure; How to Know When to Move on to the Next Phase; Treatment Sessions 3 Overview of C-BIT Theory and TechniquesBrief Introduction to Cognitive Therapy; Cognitive Therapy Techniques in C-BIT; PART TWO: COGNITIVE-BEHAVIOURAL INTEGRATED TREATMENT (C-BIT); C-BIT CORE COMPONENTS; 4 Assessment Phase: Screening and Assessment;

Clinical Assessment of Drug/Alcohol Use; Assessment and Screening Tools; Case Formulation; Treatment Planning; 5 Treatment Phase 1: Engagement and Building Motivation to Change; Strategies to Increase Engagement; How to Put Drug/Alcohol Use on the Agenda; Building on Motivation for Change; Dealing with Resistance
Identifying Social Networks Supportive of ChangeFinances/Money Management; 6 Treatment Phase 2: Negotiating Some Behaviour Change; Identifying and Setting Achievable Harm-Reduction Goals; Working with Resistance to Goal Setting; Identifying Activities of Interest; Engaging the Client's Interest in the Activity; How to Build Social Networks Supportive of Change; Strategies to Increase Awareness of Problematic Links Between Mental Health and Substance Use; 7 Treatment Phase 3: Early Relapse Prevention; Formulating Problems: Cognitive Model of Substance Use
Relapse Prevention: Helping Your Clients Manage Their Substance UseRelapse Prevention: Including Social Network Member(s); Coping with Cravings and the Abstinence-Violation Effect; Relapse Prevention: For Substance Use and Its Links with Mental Health; 8 Treatment Phase 4: Relapse Prevention/Relapse Management; Including Social Network Member(s) in Relapse Prevention; Identifying a Relapse Signature to Psychotic Relapses and Role of Substance Use; Developing a Comprehensive Relapse-Prevention/Relapse-Management Plan; Using a Comprehensive Relapse-Prevention/Management Plan-Relapse Drill
ADDITIONAL TREATMENT COMPONENTS I-SKILLS BUILDING9 Coping with Different Moods: Anxiety; The Role of Substances in Creating or Maintaining Anxiety; Starting Out: Assessing Anxiety; Strategies to Manage Anxiety; 10 Coping with Different Moods: Anger and Impulse Control; The Role of Drugs/Alcohol in Creating/Maintaining Anger; The Role of Psychosis in Creating/Maintaining Anger; Starting Out: Assessing Anger; Strategies to Manage Anger; Impulse Control; 11 Coping with Different Moods: Depression; The Role of Drugs/Alcohol in Creating and Maintaining Depression
The Role of Psychosis in Creating/Maintaining Depression

Sommario/riassunto

This exciting new book addresses the important issue of how to provide integrated mental health and substance misuse treatment of individuals with these co-occurring disorders. Combining both theory and practice, by the use of illustrative clinical case material, it provides a survey of different approaches to the integration of mental health and substance misuse services. A unique collection of chapters, from authors who are experts in the field and pioneering innovative approaches, provides an international perspective (including UK, Germany, Australia, USA, Canada) of treatment. Arranged

2. Record Nr.	UNINA9910300386803321
Autore	Yamada Minoru
Titolo	Theory of Semiconductor Lasers : From Basis of Quantum Electronics to Analyses of the Mode Competition Phenomena and Noise // by Minoru Yamada
Pubbl/distr/stampa	Tokyo : , : Springer Japan : , : Imprint : Springer, , 2014
ISBN	4-431-54889-0
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XI, 303 p. 137 illus., 1 illus. in color.)
Collana	Springer Series in Optical Sciences, , 0342-4111 ; ; 185
Disciplina	621.3661
Soggetti	Lasers Photonics Microwaves Optical engineering Physics Semiconductors Optical materials Electronics - Materials Optics, Lasers, Photonics, Optical Devices Microwaves, RF and Optical Engineering Mathematical Methods in Physics Optical and Electronic Materials
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 and index.
Nota di contenuto	Overview of the Operating Principles of Lasers -- The Photon -- Laser Oscillation -- Waveguides -- Density Matrix of a Semiconductor Material -- Gain Coefficient and Rate Equation -- Typical Operating Characteristic -- Nonlinear Gain -- Mode Competition -- Noise -- Quantum Well Structure -- Distributed Feedback and Mode Selective Lasers -- Surface Emitting Lasers.
Sommario/riassunto	This book provides a unified and complete theory for semiconductor lasers, covering topics ranging from the principles of classical and quantum mechanics to highly advanced levels for readers who need to analyze the complicated operating characteristics generated in the real

application of semiconductor lasers. The author conducts a theoretical analysis especially on the instabilities involved in the operation of semiconductor lasers. A density matrix into the theory for semiconductor lasers is introduced and the formulation of an improved rate equation to help understand the mode competition phenomena which cause the optical external feedback noise is thoroughly described from the basic quantum mechanics. The derivation of the improved rate equation will allow readers to extend the analysis for the different types of semiconductor materials and laser structures they deal with. This book is intended not only for students and academic researchers but also for engineers who develop lasers for the market, as the advanced topics covered are dedicated to real problems in implementing semiconductor lasers for practical use.
