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Ionic Surfactants and Aqueous Solutions Juan H. Vera 2018-07-09 *Ionic Surfactants and Aqueous Solutions: Biomolecules, Metals and Nanoparticles* covers a wide range of subjects related to aqueous systems, from reverse micelles as ion exchangers to the study of micellar phase transfer catalysis for nucleophilic substitution reactions. The diverse background, expertise and professional interests of the contributors to this book give to it a unique richness of approach in topics of relevance for biotechnology and environmental studies. Over sixty publications presenting research results are combined and expanded in this book by some of the original researchers. At a mature age, and at the summit of successful professional careers, they have taken a second look to the state of the art in the fields that they had pioneered. Eva Rodil and Ana Soto, who had their research formation in the group of Professor Alberto Arce at Universidad de Santiago de Compostela, Spain, are presently professors at that university, Maen Husein is a professor at University of Calgary, Canada. Remy Dumortier, Mohammad Khoshkbarchi, Hamid Rabie and Younok Dumortier Shin, are presently active leaders in the industrial world in Canada and the USA. The editors are retired academics from McGill University, Montreal, Canada, and coauthors of the book *Classical Thermodynamics of Fluid Systems*.

Teaching Adolescents With Disabilities: Donald D. Deshler 2005-11-02 Get the blueprint for building bridges that leave no learner behind! Aligned with the Individuals with Disabilities Education Act and No Child Left Behind Act requirements, this comprehensive guide empowers teachers and administrators with research-validated practices and interventions that can close the general-curriculum performance gap and break down the barriers to academic success for middle and high school students with disabilities. This insightful resource features: Practical planning advice, teaching practices, and learning strategies for inclusive classrooms Methods for designing instructional materials Tips for effectively leveraging technology Strategies for transition beyond high school Real-life examples and illustrations

Object-Oriented Technology. ECOOP '98 Workshop Reader Serge Demeyer 1998-12-11 At the time of writing (mid-October 1998) we can look back at what has been a very successful ECOOP'98. Despite the time of the year – in the middle of what is traditionally regarded as a holiday period – ECOOP'98 was a record breaker in terms of number of participants. Over 700 persons found their way to the campus of the Brussels Free University to participate in a wide range of activities. This 3rd ECOOP workshop reader reports on many of these activities. It contains a careful selection of the input and a cautious summary of the outcome for the numerous discussions that happened during the workshops, demonstrations and posters. As such, this book serves as an excellent snapshot of the state of the art in the field of object oriented programming. About the diversity of the submissions A workshop reader is, by its very nature, quite diverse in the topics covered as well as in the form of its contributions. This reader is not an exception to this rule: as editors we have given the respective organizers much freedom in their choice of presentation because we feel form follows content. This explains the diversity in the types of reports as well as in their lay out.

Solution Focused Practice in Asia Debbie Hogan 2016-12-08 This book is a collection of solution focused practice across Asia, offering case examples from the fields of therapy, supervision, education, coaching and organisation consulting. It demonstrates the usefulness of the solution focused approach in the Asian context by providing practice based evidence, and highlights the diversity of application. By sharing real case examples in action across Asia, it is the aim of this book to stimulate the curious and inspire the converted. It gives readers a taste of what it is like to use this approach within an Asian context, in different areas of practice and within a broad spectrum of clinical issues. The examples offer exciting and creative ways in which solution focused practice can be used within the Asian context – with the hope that more practitioners will be curious enough to give solution focused practice serious consideration as a viable, evidence-based practice.

Difference Sets, Sequences and their Correlation Properties A. Pott 1999-09-30 The explanation of the formal duality of Kerdock and Preparata codes is one of the outstanding results in the field of applied algebra in the last few years. This result is related to the discovery of large sets of quad riphase sequences over Z_4 whose correlation properties are better than those of the best binary sequences. Moreover, the correlation properties of sequences are closely related to difference properties of certain sets in (cyclic) groups. It is the purpose of this book to illustrate the connection between these three topics. Most articles grew out of lectures given at the NATO Advanced Study Institute on "Difference sets, sequences and their correlation properties". This workshop took place in Bad Windsheim (Germany) in August 1998. The editors thank the NATO Scientific Affairs Division for the generous support of this workshop. Without this support, the present collection of articles would not have been realized.

Evolutionary Computation Wellington Santos 2009-10-01 This book presents several recent advances on Evolutionary Computation, specially evolution-based optimization methods and hybrid algorithms for several applications, from optimization and learning to pattern recognition and bioinformatics. This book also presents new algorithms based on several analogies and metaphors, where one of them is based on philosophy, specifically on the philosophy of praxis and dialectics. In this book it is also presented interesting applications on bioinformatics, specially the use of particle swarms to discover gene expression patterns in DNA microarrays. Therefore, this book features representative work on the field of evolutionary computation and applied sciences. The intended audience is graduate, undergraduate, researchers, and anyone who wishes to become familiar with the latest research work on this field.

Pervaporation, Vapour Permeation and Membrane Distillation Angelo Basile 2015-02-07 Vapour permeation and membrane distillation are two emerging membrane technologies for the production of vapour as permeate, which, in addition to well-established pervaporation technology, are of increasing interest to academia and industry. As efficient separation and concentration processes, they have high potential for use in the energy, water, chemical, food and pharmaceutical sectors. Part One begins by covering the fundamentals, preparation and characterization of pervaporation, before going on to outline the associated systems and applications. State of the art uses, future trends and next generation pervaporation are then discussed. Part Two then explores the preparation, characterization, systems and applications of membranes for vapour permeation, followed by modelling and the new generation of vapour permeation membranes. Finally, Part Three outlines the fundamentals of membrane distillation and its applications in integrated systems, before the book concludes with a view of the next generation. Explores three emerging membrane technologies that produce vapour as a permeate. Looks at the fundamentals, applications, state of the art uses and next generation of each technology. Provides an authoritative guide for chemical engineers and academic researchers interested in membrane technologies for desalination, process water/steam treatment, water purification, VOCs removal and other aspects of pollution control, industrial process chemistry, renewable energy production or separation and concentration in the food/pharmaceutical industries.

Emergence in Science and Philosophy Antonella Corradini 2010-06-18 The concept of emergence has seen a significant resurgence in philosophy and the sciences, yet debates regarding emergentist and reductionist visions of the natural world continue to be hampered by imprecision or ambiguity. Emergent phenomena are said to arise out of and be sustained by more basic phenomena, while at the same time exerting a "top-down" control upon those very sustaining processes. To some critics, this has the air of magic, as it seems to suggest a kind of circular causality. Other critics deem the concept of emergence to be objectionably anti-naturalistic. Objections such as these have led many thinkers to construe emergent phenomena instead as coarse-grained patterns in the world that, while calling for distinctive concepts, do not "disrupt" the ordinary dynamics of the finer-grained (more fundamental) levels. Yet, reconciling emergence with a (presumed) pervasive causal continuity at the fundamental level can seem to deflate emergence of its initially profound significance. This basic problematic is mirrored by similar controversy over how best to characterize the opposite systematizing impulse, most commonly given an equally evocative but vague term, "reductionism." The original essays in this volume help to clarify the alternatives: inadequacies in some older formulations and arguments are exposed and new lines of argument on behalf of the two visions are advanced.

Case Studies on Chinese Enterprises Donglin Xia 2012 This book is a collection of teaching cases on two Chinese companies, UFIDA and Founder. The cases describe the management practices of typical Chinese companies. UFIDA is a well-known company providing management software while Founder is a long-established high-tech company. The book aims at providing readers with original, first-hand materials, based on a theoretical framework, and broadening readers' vision regarding China's business niche in terms of culture, strategy, corporate governance, business environment, organizational dynamics, marketing, human resource, finance and the potential business partnerships with Chinese enterprises and the Chinese people. The cases are comprehensive and descriptive. This book appeals to top executives and leaders of multinational companies with ambitions to expand or already vested business interest in China. It is also of valuable use to companies specializing in international trade. The book provides insight into the great business opportunities in the development of China.

Solution-Focused Therapy Bill O'Connell 2012-10-03 Struggling with the intricacies of Solution-Focused therapy, skills or practice? Wanting to learn more about providing brief, practically-based solution-focused interventions across many therapeutic settings? As part of the popular Brief Therapies Series, this long awaited third edition will tell you all you need to know about Solution-Focused Therapy (SFT) and more! This popular introduction takes you step-by-step through the counselling process, providing insight into how to structure and manage your therapeutic work in ways that are grounded in Solution-Focused principles. This book includes: - a detailed introduction to the theory and practice of 'brief' therapy - a discussion of the foundations of SFT - exercises to use with clients and/or trainees - brand new case examples relating theory directly to practice - an insightful reflection on the journey of the practitioner From leading Solution-Focused expert Bill O'Connell, this book will not only provide practical guidelines and theoretical background for the beginner but support and inspiration for the more experienced. Bill O'Connell is Director of Training for Focus on Solutions Limited in Birmingham. He was previously Head of the Counselling Department at Westhill College of Higher Education, Birmingham, and is co-editor of Handbook of Solution-Focused Therapy (SAGE, 2003).

Rainfall - Runoff Modelling Keith J. Beven 2004-03-22 Amid climatic changes linked to global warming, ongoing changes in land-use patterns, and growing international concern with the environment it is increasingly important to understand the potential impact of these changes on the environment. Rainfall-runoff modeling is an important predictor of that impact. This book introduces rainfall-runoff models that have been developed over the past 24-30 years, giving examples of their practical applications. It provides a summary of available techniques for rainfall modeling based upon the most recent research, but in a way that serves as a primer for the subject. Provides an overview of how catchment rainfall-runoff systems work A history of rainfall-runoff models Examples of models can be downloaded over the Internet Looks at uncertainty in model prediction

Psychology Applied to Teaching Jack Snowman 2014-03-19 This title has received wide acclaim for its practical and reader-friendly approach to educational psychology, which demonstrates how complex psychological theories apply to the everyday experiences of in-service teachers. Coverage of educational psychology is framed so that aspiring or developing teachers can see themselves as professionals who continuously seek, find, and test better ways to help their students succeed. PSYCHOLOGY APPLIED TO TEACHING, 14th Edition, combines fresh concepts and contemporary research with long-standing theory and applications to create a book that addresses the needs of today's teachers and students. This edition also features integration of IntASC Standards, new Learning Objectives correlated with chapter headings and summaries, new Guides to Reading and Studying, new first-person accounts (Improving Practice through Inquiry: One Teacher's Story), and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Ten Steps to Complex Learning Jeroen J. G. van Merriënboer 2012-10-12 Ten Steps to Complex Learning presents a path from a training problem to a training solution in a way that students, practitioners (both instructional designers and teachers), and researchers can understand and easily use. Practitioners can use this book as a reference guide to support their design of courses, materials, or environments for complex learning. Students in the field of instructional design can use this book to broaden their knowledge of the design of training programs for complex learning. Now fully revised to incorporate the most current research in the field, this second edition of Ten Steps to Complex Learning includes user-friendly examples and case studies, and demonstrates the application of the ten steps in relation to the design of serious games, learning networks, social media, and new developments in educational neuroscience.

Encyclopedia of Artificial Intelligence Juan Ramon Rabunal 2009-01-01 "This book is a comprehensive and in-depth reference to the most recent developments in the field covering theoretical developments, techniques, technologies, among others"--Provided by publisher.

Innovation Management for Technical Products Walter Eversheim 2008-09-11 New ideas for new products are not enough for creating successful markets: Product Innovation means to manage the whole chain from invention to new and best selling products in market. This innovation roadmap has to be carefully and systematically planned and procured. There are a lot of methods for creativity, market analysis, evaluation, technology forecast, and decision gates available within this book. These methods and tools are brought together and their scopes of application as well as their limitations are shown. The whole tool kit of methods and decision models like market studies, value engineering, TRIZ or portfolio analysis and others are linked together to the overall Aachen Innovation Model (AIM). This handbook is to be used as an innovation management guide as well as an information source for nearly all methods and tools in the field of innovation for technical products. The complete Innovation Road Map is supported by an interactive, multiple user software tool "EDEN" on an ontology basis. Thus the user has not only access to the collected know how of the past, but can also contribute to growth of expertise within his or her enterprise.

Interviewing for Solutions Peter De Jong 2012-02-15 Peter DeJong and Insoo Kim Berg's INTERVIEWING FOR SOLUTIONS features a proven, solutions-oriented approach to basic interviewing that views clients as competent, helping them to visualize the changes they want, and builds on what they are already doing that works. Throughout the book, the authors present models for solution-focused work, illustrated by examples and supported by research. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Intelligent Techniques in Recommendation Systems: Contextual Advancements and New Methods Dehuri, Satchidananda 2012-11-30 Although recommendation systems have become a vital research area in the fields of cognitive science, approximation theory, information retrieval and management sciences, they still require improvements to make recommendation methods more effective and intelligent. Intelligent Techniques in Recommendation Systems: Contextual Advancements and New Methods is a comprehensive collection of research on the latest advancements of intelligence techniques and their application to recommendation systems and how this could improve this field of study.

The Proceedings of the 1998 Symposium on Performance Evaluation of Computer and Telecommunication Systems Mohammad S. Obaidat 1998 SPECTS'98 features many presentations of performance evaluation of computer & telecommunication systems. Among these, ATM systems, tracing techniques, teletraffic engineering, quality of service, memory systems, parallel & distributed processing, interconnection networks, network management, high-speed networking, high-performance computing/computers, algorithms, performance measurement, mobile computing & networking, architectures, workload characterization, congestion control & admission, resource allocation, wireless systems, protocols, & others. This year's proceedings includes top-quality papers from all over the world, with representation from academia, industry, business & government.

Engineering Optimization 2014 Hélder Rodrigues 2014-09-26 Optimization methodologies are fundamental instruments to tackle the complexity of today's engineering processes. Engineering Optimization 2014 is dedicated to optimization methods in engineering, and contains the papers presented at the 4th International Conference on Engineering Optimization (ENGOPT2014, Lisbon, Portugal, 8-11 September 2014). The book will be of interest to engineers, applied mathematicians, and computer scientists working on research, development and practical applications of optimization methods in engineering.

Intermediate Accounting, Self Study Problems Solutions Book Donald E. Kieso 1998-02-04

Train the Trainer/Vol 5 American Society for Training and Develvo 2006-05-04 See how you can effectively use today's technology to better accomplish workplace learning. You'll gain an understanding of how e-learning, Web-based training, and intranets can facilitate different aspects of workplace learning!

Ordinary and Partial Differential Equations M.D.Raisinghania 2013 This book has been designed for Undergraduate (Honours) and Postgraduate students of various Indian Universities. A set of objective problems has been provided at the end of each chapter which will be useful to the aspirants of competitive examinations

Research Anthology on Multi-Industry Uses of Genetic Programming and Algorithms Management Association, Information Resources 2020-12-05 Genetic programming is a new and evolutionary method that has become a novel area of research within artificial intelligence known for automatically generating high-quality solutions to optimization and search problems. This automatic aspect of the algorithms and the mimicking of natural selection and genetics makes genetic programming an intelligent component of problem solving that is highly regarded for its efficiency and vast capabilities. With the ability to be modified and adapted, easily distributed, and effective in large-scale/wide variety of problems, genetic algorithms and programming can be utilized in many diverse industries. This multi-industry uses vary from finance and economics to business and management all the way to healthcare and the sciences. The use of genetic programming and algorithms goes beyond human capabilities, enhancing the business and processes of various essential industries and improving functionality along the way. The Research Anthology on Multi-Industry Uses of Genetic Programming and Algorithms covers the implementation, tools and technologies, and impact on society that genetic programming and algorithms have had throughout multiple industries. By taking a multi-industry approach, this book covers the fundamentals of genetic programming through its technological benefits and challenges along with the latest advancements and future outlooks for computer science. This book is ideal for academicians, biological engineers, computer programmers, scientists, researchers, and upper-level students seeking the latest research on genetic programming.

1998 International Conference on Image Processing : Proceedings 1998

Stability and Transition in Shear Flows Peter J. Schmid 2000-12-28 A detailed look at some of the more modern issues of hydrodynamic stability, including transient growth, eigenvalue spectra, secondary instability. It presents analytical results and numerical simulations, linear and selected nonlinear stability methods. By including classical results as well as recent developments in the field of hydrodynamic stability and transition, the book can be used as a textbook for an introductory, graduate-level course in stability theory or for a special-topics fluids course. It is equally of value as a reference for researchers in the field of hydrodynamic stability theory or with an interest in recent developments in fluid dynamics. Stability theory has seen a rapid development over the past decade, this book includes such new developments as direct numerical simulations of transition to turbulence and linear analysis based on the initial-value problem.

Mathematical Olympiads 1998-1999 Titu Andreescu 2000-11-02 A large range of problems drawn from mathematics olympiads from around the world.

Official Gazette of the United States Patent and Trademark Office United States. Patent and Trademark Office 2002

The Elegant Solution Matthew May 2008-09-04 One million. That's how many new ideas the Toyota organization receives from its employees every year. These ideas come from every level of the organization - from the factory floors to the corporate suites. And organizations all over the world want to learn how they do it. Now Matthew May, Senior Advisor to the University of Toyota, reveals how any company can create an environment of every day innovation and achieve the elegant solutions found only on the far side of complexity. A tactical guide for team-based innovation, THE ELEGANT SOLUTION delivers the formula to the three principles and ten practices that drive business creativity. Innovation isn't just about technology - it's about value, opportunity and impact. When a company embeds a real discipline around the pursuit of perfection, the sky is the limit. Dozens of case studies (from Toyota and other companies) illustrate the power and universality of these concepts; a unique 'clamsell strategy' prepares managers to ensure organizational success. At once a thought-shaper, a playmaker, and a taskmaster, THE ELEGANT SOLUTION is a practical field manual for everyone in corporate life.

Needs Assessment James W. Altschuld 2010 In 1995, Witkin and Altschuld proposed a three phase process model of needs assessment: - Preassessment (learning as much as possible from existing, inexpensive sources) - Assessment (collecting new information about the needs in consideration) - Postassessment (prioritizing needs, understanding their causes, and translating priorities into action plans for organizations). The model has been extensively re-conceptualized and forms the basis for this book. The content includes a user-oriented approach to a comprehensive overview of the three phases and the 14 key steps necessary to implement them. Numerous examples and practical illustrations are given throughout the text as guidance for needs assessors and those who do research on the topic. An extensive glossary of needs-related terms and an outline of a final report are also provided. The book is the first one in the Needs Assessment KIT with connections to the other four.

The Art of Solution Focused Therapy Elliott Connie, MA, LPC 2009-06-15 What is Solution-Focused Therapy? Solution Focused Therapy (SFT) is a unique, goal-directed therapy aimed at helping clients regain autonomy by determining and achieving their own goals. Solution focused therapists encourage clients to focus on solutions, not problems, and help clients effectively plan how to reach their goals. Unlike other therapies, SFT holds an abiding belief in clients' abilities to know what is best for them, rather than have a therapist tell them. Why this book? This book not only provides an overview of the Solution Focused therapy model, its basic tenets, and theories; it also presents intimate interviews with expert practitioners—all of whom use SFT in their own practice. To this end, the book offers a wealth of insight into the theory and practice of SFT, to help practitioners decide whether SFT is right for them and their clients. These experts offer details of their apprehensions, goals, breakthroughs, and overall experiences with the therapy. The team of expert contributors includes Eve Lipchik, Yvonne Dolan, Alasdair Macdonald, Thorana Nelson, and many more. Questions the experts address include: How did you discover that SFT was the model that fit your clients' needs? What characteristics of this model drew you towards it? How has SFT impacted your personal life? What is it about SFT that makes it so effective? What are your favorite cases and how did they affect your work as a therapist?

Mathematical Problem Solving Peter Liljedahl 2019-02-12 This book contributes to the field of mathematical problem solving by exploring current themes, trends and research perspectives. It does so by addressing five broad and related dimensions: problem solving heuristics, problem solving and technology, inquiry and problem posing in mathematics education, assessment of and through problem solving, and the problem solving environment. Mathematical problem solving has long been recognized as an important aspect of mathematics, teaching mathematics, and learning mathematics. It has influenced mathematics curricula around the world, with calls for the teaching of problem solving as well as the teaching of mathematics through problem solving. And as such, it has been of interest to mathematics education researchers for as long as the field has existed. Research in this area has generally aimed at understanding and relating the processes involved in solving problems to students' development of mathematical knowledge and problem solving skills. The accumulated knowledge and field developments have included conceptual frameworks for characterizing learners' success in problem solving activities, cognitive, metacognitive, social and affective analysis, curriculum proposals, and ways to promote problem solving approaches. EBOOK: Therapeutic Skills for Mental Health Nurses Nicola Evans 2016-07-16 Most specialist mental health care is provided by nurses who use face to face helping skills with a wide range of people in a variety of contexts. This book puts therapeutic skills at the heart of the nurse's role, with one central aim: to equip you with knowledge to use in your practice, thus improving your ability to deliver care. This book: • Will enable you to strengthen your core therapeutic skills and broaden your knowledge to include other practical therapeutic approaches • Collates in one place information on a range of therapeutic approaches, from person centred counselling, motivational interviewing and solution focused approaches, through to day to day skills of challenging unhelpful thoughts, de-escalating difficult situations, working with families, and problem solving • Demonstrates application of theory to practice through a variety of practical examples • Features reader activities to facilitate personal growth and learning • Includes a chapter exploring clinical supervision and how this makes practice more effective Each chapter is grounded in authentic clinical experiences and focuses on equipping the reader to develop confidence in their client facing skills. This text is an essential purchase for all mental health nurse students as well as qualified nurses. "Whilst the essential therapeutic component of mental health nursing is the nurse themselves, it is also essential that they have knowledge and competencies to offer the client. This valuable book offers the reader an introduction to a wide range of approaches that are considered helpful, evidence based and effective. Modern mental health nursing requires much of its practitioners; this book will help inform and support that endeavour." Ian Hulatt, Mental Health Adviser, Royal College of Nursing, UK "This is a timely book which addresses, head on, questions about what mental health nurses can do to be effective with their patients. At last we have a book that mental health nurses can draw on to understand why and how various therapeutic approaches are used. The range is from cognitive behavioural therapy, to psychodynamic approaches to mindfulness, with others in between. Each chapter is written by an expert and each offers concrete examples of what it involved in each of the approaches. These examples are imperative if readers are to understand how to use interventions in their everyday work. This ground breaking book will be compulsory reading for everyone involved in the care of those with mental health problems. A wonderful book." Philip Burnard, Emeritus Professor of Nursing, Cardiff University, UK

FIE '98 Tempe, Arizona 1998

Essentials of Micro- and Nanofluidics A. Terrence Conlisk 2012-12-24 This book introduces students to the basic physical principles to analyze fluid flow in micro and nano-size devices. This is the first book that unifies the thermal sciences with electrostatics and electrokinetics and colloid science; electrochemistry; and molecular biology. The author discusses key concepts and principles, such as the essentials of viscous flows, an introduction to electrochemistry, heat and mass transfer phenomena, elements of molecular and cell biology, and much more. This textbook presents state-of-the-art analytical and computational approaches to problems in all of these areas, especially electrokinetic flows, and gives examples of the use of these disciplines to design devices used for rapid molecular analysis, biochemical sensing, drug delivery, DNA analysis, the design of an artificial kidney, and other transport phenomena. This textbook includes exercise problems, modern examples of the applications of these sciences, and a solutions manual available to qualified instructors.

KI-98: Advances in Artificial Intelligence Otthein Herzog 1998-09-09 This book constitutes the refereed proceedings of the 22nd Annual German Conference on Artificial Intelligence, KI-98, held in Bremen, Germany, in September 1998. The 16 revised full papers presented were carefully reviewed and selected for inclusion in the proceedings. Also included are three invited papers and abstracts of two invited talks, as well as an appendix containing up-to-date descriptions of German AI projects. This volume gives a unique overview of AI research in Germany.

The Handbook of Groundwater Engineering Jacques W. Delleur 2006-11-16 A complete treatment of the theory and practice of groundwater engineering, The Handbook of Groundwater Engineering, Second Edition provides a current and detailed review of how to model the flow of water and the transport of contaminants both in the unsaturated and saturated zones, covers the production of groundwater and the remediation of contaminated groundwater. Contemporary Mathematics for Business and Consumers Robert A. Brechner 1997

Solution-Focused Case Management Dr. Robert G. Blundo, PhD, LCSW 2015-11-06 "Blundo and Simon have successfully outlined how a solution-focused perspective can be a powerful tool for case managers. Their understanding and presentation is based upon practice scenarios that are real and applied... They clearly demonstrate the impact of 'thinking and language' and the importance of building a collaborative relationship with clients. Their work challenges the traditional theory-driven interventions that focus on problems and arrive at a diagnosis. They encourage a 'shift' to a co-constructive partnership that requires a practitioner to respect that clients are 'experts of their own lives'... They provide a clear step-wise discussion of techniques and strategies that can be employed working with individuals and families in case management settings. This book is a must read." -Lawrence T. Force, PhD, LCSW-R Professor of Psychology, Mount Saint Mary College, Newburgh, NY From the Foreword Solution-focused practice is a paradigm that stresses client abilities, strengths, and individual goals rather than disability. Written by a team of educator/practitioners noted for their expertise in solution-focused therapy, this "how-to" text for social work, counseling, and psychology students guides current and future case managers in learning this strengths-based, collaborative approach to case management. It discusses both the philosophical basis for solution-focused casework and demonstrates how it is ideally suited for the case management process. The book is based on teaching materials the authors have developed and used in their classes and workshops with undergraduate and graduate students and professionals. The text incorporates new research and theoretical developments in solution-focused therapy as well as actual practice scenarios demonstrating the process of building a collaborative relationship with individual clients and families. Replete with strategies and tools for practicing solution-focused case management, the text describes such essential skills as identifying goals, monitoring progress, working with other agencies, and transitioning out of treatment. It discusses issues related to ethical practice and presents strategies for self-care. Additionally, the book addresses diversity and social justice and their relationships to solution-focused practice. Student exercises help to reinforce knowledge. The text will assist case managers in a variety of settings—hospitals, nursing homes, rehabilitation facilities, community-based mental health agencies, schools, prisons, court systems, and shelters for the homeless and victims of domestic violence—to partner with their clients towards finding strengths-based and solution-focused approaches to resolving issues in a positive way. Key Features: Authored by noted experts in solution-focused education and practice Facilitates a reframing of casework and case management around client strengths and resources Provides specific case examples that allow readers to troubleshoot and apply solution-focused principles to practice Includes student exercises throughout the book

Foundations of Addictions Counseling Dave Capuzzi 2008 Foundations of Addiction Counseling explores the techniques and skills a new practitioner will need in the real world, with chapters by expert scholars, while providing a thorough review of the theory, history and research of addiction counseling. This comprehensive text offers prospective counselors the tools and strategies they will need for working with general and special populations, including assessment tools, strategies for outpatient and inpatient treatment, information about maintenance and relapse prevention, and counseling strategies for couples, families, children and adolescents, and recovering addicts.

Handbook of Optimization in Telecommunications Mauricio G.C. Resende 2008-12-10 This comprehensive handbook brings together experts who use optimization to solve problems that arise in telecommunications. It is the first book to cover in detail the field of optimization in telecommunications. Recent optimization developments that are frequently applied to telecommunications are covered. The spectrum of topics covered includes planning and design of telecommunication networks, routing, network protection, grooming, restoration, wireless communications, network location and assignment problems, Internet protocol, World Wide Web, and stochastic issues in telecommunications. The book's objective is to provide a reference tool for the increasing number of scientists and engineers in telecommunications who depend upon optimization.