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KEY=24TH - JILLIAN LIZETH

SENSOR TECHNOLOGIES

HEALTHCARE, WELLNESS AND ENVIRONMENTAL APPLICATIONS

Apress Sensor Technologies: Healthcare, Wellness and Environmental Applications explores the key aspects of sensor technologies, covering wired, wireless, and discrete sensors for the specific application domains of healthcare, wellness and environmental sensing. It discusses the social, regulatory, and design considerations specific to these domains. The book provides an application-based approach using real-world examples to illustrate the application of sensor technologies in a practical and experiential manner. The book guides the reader from the formulation of the research question, through the design and validation process, to the deployment and management phase of sensor applications. The processes and examples used in the book are primarily based on research carried out by Intel or joint academic research programs. "Sensor Technologies: Healthcare, Wellness and Environmental Applications provides an extensive overview of sensing technologies and their applications in healthcare, wellness, and environmental monitoring. From sensor hardware to system applications and case studies, this book gives readers an in-depth understanding of the technologies and how they can be applied. I would highly recommend it to students or researchers who are interested in wireless sensing technologies and the associated applications." Dr. Benny Lo Lecturer, The Hamlyn Centre, Imperial College of London "This timely addition to the literature on sensors covers the broad complexity of sensing, sensor types, and the vast range of existing and emerging applications in a very clearly written and accessible manner. It is particularly good at capturing the exciting possibilities that will occur as sensor networks merge with cloud-based 'big data' analytics to provide a host of new applications that will impact directly on the individual in ways we cannot fully predict at present. It really brings this home through the use of carefully chosen case studies that bring the overwhelming concept of 'big data' down to the personal level of individual life and health." Dermot Diamond Director, National Centre for Sensor Research, CLARITY Centre for Sensor Web Technologies, Dublin City University "Sensor Technologies: Healthcare, Wellness and Environmental Applications takes the reader on an end-to-end journey of sensor technologies, covering the fundamentals from an engineering perspective, introducing how the data gleaned can be both processed and visualized, in addition to offering exemplar case studies in a number of application domains. It is a must-read for those studying any undergraduate course that involves sensor technologies. It also provides a thorough foundation for those involved in the research and development of applied sensor systems. I highly recommend it to any engineer who wishes to broaden their knowledge in this area!" Chris Nugent Professor of Biomedical Engineering, University of Ulster

EVALUATING OBESITY PREVENTION EFFORTS

A PLAN FOR MEASURING PROGRESS

National Academies Press Obesity poses one of the greatest public health challenges of the 21st century, creating serious health, economic, and social consequences for individuals and society. Despite acceleration in efforts to characterize, comprehend, and act on this problem, including implementation of preventive interventions, further understanding is needed on the progress and effectiveness of these interventions. *Evaluating Obesity Prevention Efforts* develops a concise and actionable plan for measuring the nation's progress in obesity prevention efforts--specifically, the success of policy and environmental strategies recommended in the 2012 IOM report *Accelerating Progress in Obesity Prevention: Solving the Weight of the Nation*. This book offers a framework that will provide guidance for systematic and routine planning, implementation, and evaluation of the advancement of obesity prevention efforts. This framework is for specific use with the goals and strategies from the 2012 report and can be used to assess the progress made in every community and throughout the country, with the ultimate goal of reducing the obesity epidemic. It offers potentially valuable guidance in improving the quality and effect of the actions being implemented. The recommendations of *Evaluating Obesity Prevention Efforts* focus on efforts to increase the likelihood that actions taken to prevent obesity will be evaluated, that their progress in accelerating the prevention of obesity will be monitored, and that the most promising practices will be widely disseminated.

PRESCRIPTIVE PLAY THERAPY

TAILORING INTERVENTIONS FOR SPECIFIC CHILDHOOD PROBLEMS

Guilford Publications This book helps practitioners choose from the broad range of play therapy approaches to create a comprehensive treatment plan that meets the individual needs of each child. From leaders in the field, the volume provides a flexible roadmap for assessment, case formulation, and intervention for frequently encountered psychological disorders and adversities. The focus is creating a unique therapy "prescription" that is tailored to the child's presenting problems as well as his or her strengths, challenges, and developmental level. Contributors present up-to-date knowledge on each clinical problem, describe practices that have been shown to be effective, and share vivid illustrations of work with 3- to 16-year-olds and their parents.

GERMAN CORPORATE GOVERNANCE IN INTERNATIONAL AND EUROPEAN CONTEXT

Springer Science & Business Media This book provides a comprehensive overview of the German corporate governance model to English speaking readers. It provides an introduction to the unique features of German Business and Enterprise Law. The book deals with the most important company organs, namely the General Meeting, the Management Board and the Supervisory Board. It also covers the unique interplay among these organs and details the particular dynamics of the German two-tier board structure. It gives insight into Accounting as the Documentary Proof of Good Corporate Governance. In addition, coverage examines the dominant role of the German banks and new players in the German financial markets.

THE TOBACCO EPIDEMIC

Karger Medical and Scientific Publishers This completely revised and enlarged 2nd edition of *The Tobacco Epidemic* provides a comprehensive update of the clinical, public health and political aspects of tobacco smoking. Since its 1st edition in 1997, knowledge on the health hazards of tobacco and nicotine addiction has increased considerably, but recent data has shown that the global problem has become more aggravated in low- and middle-income countries: if current trends continue, tobacco smoking will be responsible for the deaths of 1 billion people in the 21st century. Written by outstanding international experts, the book covers the history of tobacco production and use, the economics of tobacco use and control, as well as the health consequences of active and passive smoking in both adults and children. Special chapters discuss the impact of media, movies and TV on tobacco consumption in young people, the patterns and predictors of smoking cessation in the general population and in different social subgroups, and initiatives supported by the WHO Framework Convention on Tobacco Control. Readers will find the latest information on how nicotine dependence is treated with nicotine replacement products, what role health care professionals play in helping smokers to quit and what effects smoke-free environments, advertising bans and price increases have on smoking prevalence. The potential harms and benefits of smokeless tobacco, waterpipe tobacco smoking and electronic cigarettes are also evaluated. This book is a must-read for anyone in the medical profession who treats patients with smoking-related diseases and for those engaged in tobacco control. It will also be appreciated by interested nonmedical readers like journalists and legislators.

CLINICAL METHODS IN MEDICAL FAMILY THERAPY

Springer This landmark text describes research-informed practices and applications of Medical Family Therapy (MedFT) across a range of care environments and clinical populations (e.g., family medicine, obstetrics and gynecology, psychiatry, alcohol and drug treatment, community health centers, and military and veteran health systems). It is a timely release for a rapidly growing field. It includes the work of some of MedFT's most innovative leaders, who expertly: illustrate MedFT in action across primary, secondary, tertiary, and other unique health contexts describe the make-up of healthcare teams tailored to each chapter's distinct environment(s) highlight fundamental knowledge and critical skillsets across diverse healthcare contexts detail research-informed practices for MedFTs who treat patients, couples, families, and communities *Clinical Methods in Medical Family Therapy* is a comprehensive source for any behavioral health student, trainee, or professional looking to understand the necessary skills for MedFTs entering the healthcare workforce. It is also an essential read for trainers and instructors who are covering the fundamental MedFT knowledge and skills across diverse healthcare contexts. This text was written to be applicable for a wide variety of healthcare disciplines, including family therapy, counseling nursing, medicine, psychology and social work.

MEDICAL FAMILY THERAPY

ADVANCED APPLICATIONS

Springer Science & Business Media "High praise to Hodgson, Lamson, Mendenhall, and Crane and in creating a seminal work for systemic researchers, educators, supervisors, policy makers and financial experts in health care. The comprehensiveness and innovation explored by every author reflects an in depth understanding that reveals true pioneers of integrated health care. *Medical Family Therapy: Advances in Application* will lead the way for Medical Family Therapists in areas just now being acknowledged and explored." - Tracy Todd, PhD, LMFT, Executive Director of the American Association for Marriage and Family Therapy *Integrated, interdisciplinary health care is growing in stature and gaining in numbers. Systems and payers are facilitating it. Patients and providers are benefitting from it. Research is supporting it, and policymakers are demanding it. The emerging field of Medical Family Therapy (MedFT) is contributing greatly to these developments and Medical Family Therapy: Advanced Applications* examines its implementation in depth. Leading experts describe MedFT as it is practiced today, the continuum of services provided, the necessary competencies for practitioners, and the biological, psychological, social, and spiritual aspects of health that the specialty works to integrate. Data-rich chapters model core concepts such as the practitioner as scientist, the importance of context in health care settings, collaboration with families and communities, and the centrality of the relational perspective in treatment. And the book's wide-spectrum coverage takes in research, training, financial, and policy issues, among them: Preparing MedFTs for the multiple worlds of health care Extending platforms on how to build relationships in integrated care Offering a primer in program evaluation for MedFTs Ensuring health equity in MedFT research Identifying where policy and practice collide with ethics and integrated care Recognizing the cost-effectiveness of family therapy in health care With its sophisticated insights into the current state - and the future - of healthcare reform, *Medical Family Therapy: Advanced Applications* is essential reading for researchers and practitioners in the fields of clinical psychology, counseling, family therapy, healthcare policy, psychiatric nursing, psychiatry, public health, and social work.

IRRIGATION FUNDAMENTALS

AN APPLIED TECHNOLOGY TEXT FOR TEACHING IRRIGATION AT THE INTERMEDIATE LEVEL

Water Resources Publication IRRIGATION FUNDAMENTALS is a comprehensive text on the basic principles and practices of applied agricultural irrigation. Written over a period of more than 10 years, it is based on the authors' extensive experience in farming, consulting, research, teaching, and other related agricultural activities. The book is for use by teachers of introductory courses in irrigation, farmers who have some basic technical knowledge, and for administrators who need a general understanding of irrigation as an aid for policy decisions in water resource development and planning. Various factors that influence crop yield and production including climate, fertility, water, drainage, and agronomic practices are addressed. The various irrigation methods such as border, basin, contour, furrow, sub, sprinkle, and drip or trickle are described; and conditions are given for selection of the appropriate method to use. Recent developments and new technology are included herein when they have obvious practical applications, but for the most part the material presented in this book is based on well established principles and practices. Much of the content is very practical and much is essentially nontechnical. Nevertheless, some of the material covered in this book goes beyond the basic concepts in an attempt to better describe the relationships and techniques employed by irrigation scientists and irrigation engineers. From the Preface: The future of the world depends very much on how we manage natural resources. Since the year 1900 there has been a ninefold increase in global carbon emissions from burning fossil fuels, and the world population has increased about 3.7 times in this century. Vast areas of forests have been destroyed, and irrigated lands now produce 40% of the food supply. Due to depletion of groundwater reserves and an increase in population, irrigated area per capita is declining. Consequently, the irrigation of additional alluvial lands is a strategic necessity for all of humankind. Much of the alluvial lands cannot be made productive without prior development of water resources through flood control, drainage, and irrigation. The production of electricity through hydropower and the production of alcohol fuel from irrigated crops, as has been practiced for many years in Brazil, can slow the increase in carbon emissions. Such diverse developments are typically not separable; rather, they must be considered as integral parts of a comprehensive development plan. The conservation of natural resources and increasing productivity of irrigated lands are also strategic necessities. Much of the current technology is highly transferable and crop yields can be significantly increased on lands already under irrigation. The authors have worked in many countries in connection with resource inventories, teaching, and the planning, development and use of irrigation as a tool for increasing production and providing employment. They have written extensively and have been honored for their achievements. They have considerable experience with everything from primitive low-technology irrigation developments to highly developed irrigation in the USA and in dozens of countries around the world. Both of the authors have dedicated their careers to teaching, research, and consulting in agricultural irrigation and water resources development and planning. It is their hope and expectation that this book will provide incentives for investigating and documenting land and water resources, improving development, increasing crop yields, conserving resources, and improving the environment. From the Table of Contents: Chapt. 1 - INTRODUCTION: Irrigation Fundamentals: -- A Definition of Irrigation -- Statistical Perspectives of Agricultural Irrigation Chapt. 2 - FACTORS INFLUENCING CROP PRODUCTION: -- Introduction -- Temperature, Radiation, and Evaporative Potential -- Climate Change -- Soil Fertility and Fertilizers -- Water Availability and Distribution -- Soil Aeration and Drainage -- Plant Density, Spacing and Leaf Area Index -- Crop Variety Chapt. 3 - AGRICULTURAL SOILS: -- Introduction -- Soil Texture and Structure -- Soil Classification and Evaluation -- Bureau of Reclamation Land Classification -- Soil Age and Topography -- Soil Chemistry -- Infiltration Rates -- Soil-Water Relationships -- Equations for Soil Water Content -- Soil Water Potential -- Measuring Soil Water Content Chapt. 4 - EVALUATING IRRIGATION RESOURCES: -- Introduction -- Climate -- Hydrology -- Human and Other Factors -- Integrated Development Chapt. 5 - IRRIGATION METHODS: -- Introduction -- Graded Border Irrigation -- Basin Irrigation -- Contour Levees -- Furrow Irrigation -- Sub-Irrigation -- Sprinkle Irrigation -- Drip or Trickle Irrigation -- Selecting an Irrigation Method -- Land Grading and Leveling -- Laser-Leveling Equipment and Practices -- Computing Diagonal Slopes -- Irrigation System Evaluation Chapt. 6 - CROP WATER REQUIREMENTS: -- Introduction -- Direct Methods -- Indirect Methods -- Potential Evaporation -- Reference Evapotranspiration -- Extraterrestrial Solar Radiation -- Irrigation Requirements -- Crop Coefficients Chapt. 7 - IRRIGATION SCHEDULING: -- Introduction -- Allowable Water Depletion -- Monitoring Soil Water -- Scheduling Irrigations -- Rice Irrigation

INTRODUCTION TO CRIMINAL JUSTICE

McGraw-Hill Humanities Social Introduction to Criminal Justice combines up-to-date information with hands-on activities to immerse students in the constantly evolving criminal justice system. By featuring events and people that have recently made headlines, students can better understand the far-reaching impact of the law. The emphasis on hands-on applications encourages students to build a better understanding of the law in and out of the classroom.

PLAY THERAPY TECHNIQUES

Rowman & Littlefield The second edition of Play Therapy Techniques includes seven new chapters in addition to the original twenty-four. These lively chapters expand the comprehensive scope of the book by describing issues involved in beginning and ending therapy, using metaphors, playing music and ball, and applying the renowned "Color Your Life" technique. The extensive selection of play techniques described in this book will add to the clinical repertoire of students and practitioners of child therapy and counseling. When used in combination with formal education and clinical supervision, Play Therapy Techniques, Second Edition, can be especially useful for developing treatment plans to address the specific needs of various clinical populations. Students and practitioners of child therapy and counseling, including psychologists, psychiatrists, social workers, nurses, and child life specialists will find this second of Play Therapy Techniques informative and clinically useful.

THE STEREOSCOPE: ITS HISTORY, THEORY AND CONSTRUCTION

ENVIRONMENTAL SOCIAL WORK

Routledge Divided into three parts, this field-defining work explores what environmental social work is, and how it can be put into practice. It focuses on theory, discussing ecological and social justice, as well as sustainability, spirituality and human rights.

THE VIDEO GAMES TEXTBOOK

HISTORY • BUSINESS • TECHNOLOGY

CRC Press The Video Games Textbook takes the history of video games to another level, with visually-stimulating, comprehensive, and chronological chapters that are relevant and easy to read for a variety of students. Every chapter is a journey into a different era or area of gaming, where readers emerge with a strong sense of how video games evolved, why they succeeded or failed, and the impact they had on the industry and human culture. Written to capture the attention and interest of both domestic and international college students, each chapter contains a list of objectives and key terms, illustrative timelines, arcade summaries, images and technical specifications of all major consoles.

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON BUSINESS AND MANAGEMENT DYNAMICS 2016: SUSTAINABLE ECONOMIES IN THE INFORMATION ECONOMY

AOSIS Cape Town, South Africa, 7 Sept. 2016 – 8 Sept. 2016. Theme: Sustainable economies in the information economy. Purpose: To share the quality academic papers presented at the International Conference on Business and Management Dynamics (ICBMD) held from 7 to 8 September 2016 at African Pride Crystal Hotel and Spa in Cape Town. As grey literature, the proceedings are the contributions made by researchers at the conference and are considered the written record of the work that was presented to fellow conference delegates. Methodology: The methodology used varies from researcher to researcher but are suitable for the studies conducted. Thus, on the one hand, studies that were subjective in nature used the interpretive paradigm, where the qualitative approach adopted made use of the interview method to collect data. On the other hand, studies that were objectively inclined adopted the positivist philosophy and used survey questionnaires to collect data. However, there were some academic papers which used mixed methodology because of the nature of the study. Whatever methodology used adhered to the ethos of the philosophies underpinning the methodology. Contribution made to scholarship: The articles come from individual researchers and each article in the proceedings is unique. Mostly, there is no general argument leading from one contribution to the next. However, it is interesting to note that in the area of economic performance it was evident that real exchange rate and net foreign direct investment contribute more towards innovations in economic growth. With regard to human capital development, papers presented evidence that there exists a definite need to explore the phenomenon of personal branding as limited scientific academic research has been done within the field of personal branding or on elements of the topic. Thus, the outcome argues that personal branding has an influence on leadership style which in turn impacts on organisational performance and related hygiene factors. Furthermore, it was demonstrated that current methods or strategies for enforcing institutionalisation of knowledge sharing within an organisation have not been successful, and, as such, new strategies are needed to reinforce efforts to nurture and invigorate the institutionalisation of knowledge sharing within an organisation. With regard to technology and big data impact on organisational performance, it was evident that system performance, memory consumption and CPU utilisation can be used as criteria to compare and evaluate big data technologies to improve organisational performance. Most of the articles' contribution reemphasised technology education and training as a means of digitising business and improving effectiveness. Target audience: The target readership is academic researchers and business leaders who require access to the latest developments in the fields of economics, information management, business, education, development studies, social sciences and technology. It is also for policymakers and other stakeholders who need a better understanding of the impact of new developments on existing policies and regulations for their review or amendment.

PHYSICIAN'S GUIDE TO ASSESSING AND COUNSELING OLDER DRIVERS

QUANTITATIVE MICROBIAL RISK ASSESSMENT

John Wiley & Sons Provides the latest QMRA methodologies to determine infection risk caused by either accidental microbial infections or deliberate infections caused by terrorism • Reviews the latest methodologies to quantify at every step of the microbial exposure pathways, from the first release of a pathogen to the actual human infection • Provides techniques on how to gather information, on how each microorganism moves through the environment, how to determine their survival rates on various media, and how people are exposed to the microorganism • Explains how QMRA can be used as a tool to measure the impact of interventions and identify the best policies and practices to protect public health and safety • Includes new information on genetic methods • Techniques use to develop risk models for drinking water, groundwater, recreational water, food and pathogens in the indoor environment

GREEN SOCIAL WORK

FROM ENVIRONMENTAL CRISES TO ENVIRONMENTAL JUSTICE

John Wiley & Sons Social work is the profession that claims to intervene to enhance people's well-being. However, social workers have played a low-key role in environmental issues that increasingly impact on people's well-being, both locally and globally. This compelling new contribution confronts this topic head-on, examining environmental issues from a social work perspective. Lena Dominelli draws attention to the important voice of practitioners working on the ground in the aftermath of environmental disasters, whether these are caused by climate change, industrial accidents or human

conflict. The author explores the concept of 'green social work' and its role in using environmental crises to address poverty and other forms of structural inequalities, to obtain more equitable allocations of limited natural resources and to tackle global socio-political forces that have a damaging impact upon the quality of life of poor and marginalized populations at local levels. The resolution of these matters is linked to community initiatives that social workers can engage in to ensure that the quality of life of poor people can be enhanced without costing the Earth. This important book will appeal to those in the fields of social work, social policy, sociology and human geography. It powerfully reveals how environmental issues are an integral part of social work's remit if it is to retain its currency in the modern world and emphasize its relevance to the social issues that societies have to resolve in the twenty-first century.

CONSERVATION OF EASEL PAINTINGS

Routledge *Conservation of Easel Paintings, Second Edition* provides a much-anticipated update to the previous edition, which has come to be known internationally as an invaluable and comprehensive text on the history, philosophy and methods of the treatment of easel paintings. Including 49 chapters written by more than 90 respected authors from around the world, this volume offers the necessary background knowledge in technical art history, artists' materials and scientific methods of examination and documentation. Later sections of the book provide information about the varying approaches and methods for treatment and issues of preventive conservation, as well as valuable reflections on storage, shipping, and exhibition. Including exciting developments that have taken place since the last edition was published, the book also covers new techniques of examination, especially MacroXRF scanning and Reflectance Transmission Imagery. Drawing on research presented at recent professional conferences, information about innovative methods for cleaning modern and contemporary paintings and insights into modern oil paints is also included. Incorporating the latest regulations and understanding of health and safety practices and integrating theory with practice throughout, *Conservation of Easel Paintings, Second Edition* will continue to be an indispensable reference for practicing conservators. It will also be an essential resource for students taking conservation courses around the world.

HOW COULD THIS HAPPEN?

MANAGING ERRORS IN ORGANIZATIONS

Palgrave Macmillan *The first comprehensive reference work on error management, blending the latest thinking with state of the art industry practice on how organizations can learn from mistakes. Even today the reality of error management in some organizations is simple: "Don't make mistakes. And if you do, you're on your own unless you can blame someone else." In most, it has moved on but it is still often centered around quality control, with Six Sigma Black Belts seeking to eradicate errors with an unattainable goal of zero. But the best organizations have gone further. They understand that mistakes happen, be they systemic or human. They have realized that rather than being stigmatized, errors have to be openly discussed, analyzed, and used as a source for learning. In How Could This Happen? Jan Hagen collects insights from the leading academics in this field – covering the prerequisites for error reporting, such as psychological safety, organizational learning and innovation, safety management systems, and the influence of senior leadership behavior on the reporting climate. This research is complemented by contributions from practitioners who write about their professional experiences of error management. They provide not only ideas for implementation but also offer an inside view of highly demanding work environments, such as flight operations in the military and operating nuclear submarines. Every organization makes mistakes. Not every organization learns from them. It's the job of leaders to create the culture and processes that enable that to happen. Hagen and his team show you how.*

INTRODUCTION TO RADAR USING PYTHON AND MATLAB

Artech House *This comprehensive resource provides readers with the tools necessary to perform analysis of various waveforms for use in radar systems. It provides information about how to produce synthetic aperture (SAR) images by giving a tomographic formulation and implementation for SAR imaging. Tracking filter fundamentals, and each parameter associated with the filter and how each affects tracking performance are also presented. Various radar cross section measurement techniques are covered, along with waveform selection analysis through the study of the ambiguity function for each particular waveform from simple linear frequency modulation (LFM) waveforms to more complicated coded waveforms. The text includes the Python tool suite, which allows the reader to analyze and predict radar performance for various scenarios and applications. Also provided are MATLAB® scripts corresponding to the Python tools. The software includes a user-friendly graphical user interface (GUI) that provides visualizations of the concepts being covered. Users have full access to both the Python and MATLAB source code to modify for their application. With examples using the tool suite are given at the end of each chapter, this text gives readers a clear understanding of how important target scattering is in areas of target detection, target tracking, pulse integration, and target discrimination.*

CHILD PARENT RELATIONSHIP THERAPY (CPRT) TREATMENT MANUAL

A 10-SESSION FILIAL THERAPY MODEL FOR TRAINING PARENTS

Routledge *This manual is the highly recommended companion to CPRT: A 10-Session Filial Therapy Model. Accompanied by a CD-Rom of training materials, which allows for ease of reproduction and enhanced usability, the workbook will help the facilitator of the filial training and will provide a much needed educational outline to allow filial therapists to pass their knowledge on to parents. The Treatment Manual provides a comprehensive outline and detailed guidelines for each of the ten sessions, facilitating the training process for both the parents and the therapist. The book contains a designed structure for the therapy training described in the book, with child-centered play therapy principles and skills, such as reflective listening, recognizing and responding to children's feelings, therapeutic limit setting, building children's self-esteem, and structuring required weekly play sessions with their children using a special kit of selected toys. Bratton and her co-authors recommend teaching aids, course materials, and activities for each session, as well as worksheets for parents to complete between sessions. By using this workbook and CD-Rom to accompany the CPRT book, filial therapy leaders will have a complete package for use in training parents to act as therapeutic agents with their own children. They provide the therapist with a complete package for training parents to act as therapeutic agents with their own children.*

THE HISTORY OF PAIN

Harvard University Press *This text draws on multidisciplinary sources to explore the concept of pain as it has been seen by different cultures over the course of history. It highlights the transformation in humanity's relationship to pain and chronicles the progress made in its understanding and treatment.*

FOUNDATIONS OF PLAY THERAPY

John Wiley & Sons *The landmark guide to play therapy—completely updated and revised Edited by Charles E. Schaefer—the "father of play therapy"—Foundations of Play Therapy, Second Edition is a complete, state-of-the-art guide to the many diverse approaches to, and methods used in, play therapy practice with children and adolescents. Featuring an expert panel of contributors, this comprehensive reference provides up-to-date and insightful coverage of all of the major theoretical models of play therapy and offers practical examples for the application of each model, including: Narrative play therapy Solution-focused play therapy Experiential play therapy Release play therapy Integrative play therapy Psychoanalytic approaches to play therapy Child-centered play therapy Gestalt play therapy Family play therapy Cognitive behavioral play therapy Prescriptive play therapy Written for therapists looking for guidance on how to incorporate play therapy into their practice, as well as students or those in need of a refresher on the latest methods and techniques, Foundations of Play Therapy, Second Edition is a standard-setting resource presenting pragmatic and useful information for therapists at all levels of training.*

PARTNERS IN PLAY

AN ADLERIAN APPROACH TO PLAY THERAPY

John Wiley & Sons *Play therapy expert Terry Kottman and her colleague Kristin Meany-Walen provide a comprehensive update to this spirited and fun text on integrating Adlerian techniques into play therapy. Clinicians, school counselors, and students will find this to be the definitive guide for using Adlerian strategies with children to foster positive growth and effective communication with their parents and teachers. After an introduction to the basics of the approach and the concepts of Individual Psychology, the stages of Adlerian play therapy are outlined through step-by-step instructions, detailed treatment plans, an ongoing case study, and numerous vignettes. In addition to presenting up-to-date information on trends in play therapy, this latest edition emphasizes the current climate of evidence-based treatment and includes a new chapter on conducting research in play therapy. Appendixes contain useful worksheets, checklists, and resources that can be easily integrated into practice. Additional resources related to this book can be found in the ACA Online Bookstore at www.counseling.org/publications/bookstore and on Terry Kottman's website encouragementzone.com. *Requests for digital versions from the ACA can be found on wiley.com. *To request print copies, please visit the ACA website here. *Reproduction requests for material from books published by ACA should be directed to permissions@counseling.org.*

WHAT'S WRONG WITH DAGUERRE?

RECONSIDERING OLD AND NEW VIEWS ON THE INTERVENTION OF PHOTOGRAPHY

MINNESOTA, MONTANA, NORTH DAKOTA, SOUTH DAKOTA

DIRT: THE ECSTATIC SKIN OF THE EARTH

W. W. Norton & Company *"A gleeful, poetic book...Like the best natural histories, Dirt is a kind of prayer." —Los Angeles Times Book Review "You are about to read a lot about dirt, which no one knows very much about." So begins the cult classic that brings mystery and magic to "that stuff that won't come off your collar." John Adams, Thomas Jefferson, Saint Phocas, Darwin, and Virgil parade through this thought-provoking work, taking their place next to the dung beetle, the compost heap, dowsing, historical farming, and the microscopic biota that till the soil. Whether William Bryant Logan is traversing the far reaches of the cosmos or plowing through our planet's crust, his delightful, elegant, and surprisingly soulful meditations greatly enrich our concept of "dirt," that substance from which we all arise and to which we all must return.*

GROUP PLAY THERAPY

A DYNAMIC APPROACH

Routledge *Group Play Therapy presents an updated look at an effective yet underutilized therapeutic intervention. More than just an approach to treating children, group play therapy is a life-span*

approach, undergirded by solid theory and, in this volume, taking wings through exciting techniques. Drawing on their experiences as clinicians and educators, the authors weave theory and technique together to create a valuable resource for both mental health practitioners and advanced students. Therapists and ultimately their clients will benefit from enhancing their understanding of group play therapy.

SANDTRAY THERAPY

A PRACTICAL MANUAL

Routledge *Sandtray Therapy* is an essential book for professionals and students interested in incorporating this unique modality into work with clients of all ages. The third edition includes information on integrating neurological aspects of trauma and sandtray, updates per the DSM-5, and a new chapter on normative studies of the use of sandtray across the lifespan. As in previous editions, readers will find that the book is replete with handouts, images, examples, and resources for use in and out of the classroom. The authors' six-step protocol guides beginners through a typical session, including room setup, creation and processing of the sandtray, cleanup, post-session documentation, and much more.

EMOTIONS, TECHNOLOGY, AND LEARNING

Academic Press Research suggests two important roles of emotion related to learning and technology. First, emotion can be the key factor that is being learned or taught through technological means. Second, emotional responses with and through technology can alter what is being learned or how the content is learned. The goal of this volume is to compile and synthesize research that addresses these two perspectives by focusing on the relationship between emotion and learning as facilitated by technology. The book is divided into four sections to represent the specific interest related to emotion and learning: *Theory and Overview of Emotions and Learning*; *Emotions and Learning Online*; *Technology for Emotional Pedagogy with Students*; and *Technology of Emotional Pedagogy with Teachers*. Provides a deeper theoretical and empirical perspective of emotion and learning Discusses how blended and online learning impact our ability to share emotion or learn emotion Explores how students learn emotion, share emotion, and how it impacts their ability to learn Examines how teachers learn emotion, share, emotion, and how it impacts their ability to teach through technology Addresses student diversity

LAW STORIES

University of Michigan Press Accounts of law problems and the way they were handled, written by the responsible lawyers

CHILD CENTERED PLAY THERAPY

A CLINICAL SESSION

This DVD is a perfect complement to *Play Therapy: The Art of the Relationship*, giving students, instructors, supervisors and practitioners visual reinforcement of the materials presented in the text. It shows a complete unrehearsed play therapy session, featuring Gary Landreth as he works with a young girl in a fully equipped play therapy room-- Container.

UNDERSTANDING CHILDREN'S DRAWINGS

Guilford Press This practical resource demonstrates how all clinicians can broaden and enhance their work with children by integrating drawing into therapy. The book enables therapists to address the multidimensional aspects of children's art without resorting to simplistic explanations. Approaching drawing as a springboard for communication and change, Malchiodi offers a wealth of guidelines for understanding the intricate messages embedded in children's drawings and in the art-making process itself. Topics covered include how to assist children in making art, what questions to ask and when, and how to motivate children who are initially resistant to drawing. Assimilating extensive research and clinical experience, the book includes over 100 examples of children's work.

SENSORS AND TRANSDUCERS

PHI Learning Pvt. Ltd. This text is a lucid presentation of the principles of working of all types of sensors and transducers which form the prime components of the instrumentation systems. The characteristics of the sensors and transducers and the operating principles of transducer technologies have been discussed in considerable detail. Besides covering conventional sensors such as electromechanical, thermal, magnetic, radiation, and electroanalytical, the recent advances in sensor technologies including smart and intelligent sensors used in automated systems are also comprehensively described. The application aspects of sensors used in several fields such as automobiles, manufacturing, medical, and environment are fully illustrated. With a straightforward approach the text is aimed at building a sound understanding of the fundamentals, and inculcating analytical skills needed for design and operation. Numerous schematic representations, examples, and review questions help transcend underlying basics to automation and instrumentation. The book with incisive explanations and all the pedagogic attributes is designed to serve the needs of the engineering students of instrumentation, chemical, mechanical, and electrical disciplines. It will also be a useful text for the students of applied sciences.

ASHRAE HANDBOOK 2015

HEATING, VENTILATING, AND AIR-CONDITIONING APPLICATIONS: INCH-POUND EDITION

The 2015 ASHRAE Handbook--HVAC Applications comprises more than 60 chapters covering a broad range of facilities and topics, written to help engineers design and use equipment and systems described in other Handbook volumes. Main sections cover comfort, industrial, energy-related, general applications, and building operations and management. ASHRAE Technical Committees in each subject area have reviewed all chapters and revised them as needed for current technology and design practice. An accompanying CD-ROM contains all the volume's chapters in both I-P and SI units.

ESTIMATES FOR THE FISCAL YEAR ENDING ...

THE THERAPEUTIC POWERS OF PLAY

20 CORE AGENTS OF CHANGE

John Wiley & Sons "Focusing on the specific ingredients that activate clinical change, this book is enhanced by current research, more amplex, and an array of contributions in contemporary and relevant topics areas. It is full of inspiration, direction, and grounding. This is a stunning contribution to the field of child therapy." —Eliana Gil, PhD, Gil Institute for Trauma Recovery and Education A practical look at how play therapy can promote mental health wellness in children and adolescents Revised and expanded, *The Therapeutic Powers of Play, Second Edition* explores the powerful effects that play therapy has on different areas within a child or adolescent's life: communication, emotion regulation, relationship enhancement, and personal strengths. Editors Charles Schaefer and Athena Drewes—renowned experts in the field of play therapy—discuss the different interventions and components of treatment that can move clients to change. Leading play therapists contributed to this volume, supplying a wide repertoire of practical techniques and applications in each chapter for use in clinical practice, including: Direct teaching Indirect teaching Self-expression Relationship enhancement Attachment formation Catharsis Stress inoculation Creative problem solving Self-esteem Filled with clinical case vignettes from various theoretical viewpoints, the second edition is an invaluable resource for play and child therapists of all levels of experience and theoretical orientations.

MANAGING COMPLEXITY

WIT Press *Managing Complexity* is the first book that clearly defines the concept of Complexity, explains how Complexity can be measured and tuned, and describes the seven key features of Complex Systems: Connectivity Autonomy Emergency Nonequilibrium Non-linearity Self-organisation Co-evolution The thesis of the book is that complexity of the environment in which we work and live offers new opportunities and that the best strategy for surviving and prospering under conditions of complexity is to develop adaptability to perpetually changing conditions. An effective method for designing adaptability into business processes using multi-agent technology is presented and illustrated by several extensive examples, including adaptive, real-time scheduling of taxis, see-going tankers, road transport, supply chains, railway trains, production processes and swarms of small space satellites. Additional case studies include adaptive servicing of the International Space Station; adaptive processing of design changes of large structures such as wings of the largest airliner in the world; dynamic data mining, knowledge discovery and distributed semantic processing. Finally, the book provides a foretaste of the next generation of complex issues, notably, The Internet of Things, Smart Cities, Digital Enterprises and Smart Logistics.

LOAD-ORIENTED MANUFACTURING CONTROL

Springer Science & Business Media *Load-Oriented Manufacturing Control* is unique as it gives comprehensive and self-contained principles for the implementation of an appropriate production control technique of general applicability. It is based on the "funnel model", a new approach to scheduling and scheduling control which has an extensive monitoring and diagnosis system. Its most important system components include throughput diagrams, load-oriented order release, schedule-oriented capacity planning and control. The "funnel model" is getting increasing implementation in manufacturing companies. It is available in numerous variants and is especially significant for the job-shop and series production. *Load-Oriented Manufacturing Control* provides a large number of practical examples and is therefore relatively easy to understand. It offers direct implementation of this new important technique in manufacturing scheduling and control.

CULTURAL TOURISM

THE PARTNERSHIP BETWEEN TOURISM AND CULTURAL HERITAGE MANAGEMENT

Routledge Examine cultural tourism issues from both sides of the industry! Unique in concept and content, *Cultural Tourism: The Partnership Between Tourism and Cultural Heritage Management* examines the relationship between the sectors that represent opposite sides of the cultural tourism coin. While tourism professionals assess cultural assets for their profit potential, cultural heritage professionals judge the same assets for their intrinsic value. Sustainable cultural tourism can only occur when the two sides form a true partnership based on understanding and appreciation of each other's merits. The authors--one, a tourism specialist, the other, a cultural heritage management expert--present a model for a working partnership with mutual benefits, integrating management theory and practice from both disciplines. *Cultural Tourism* is the first book to combine the different perspectives of tourism management and cultural heritage management. It examines the role of tangible (physical evidence of culture) and intangible (continuing cultural practices, knowledge, and living experiences) heritage, describes the differences between cultural tourism products and cultural heritage

assets, and develops a number of conceptual models, including a classification system for cultural tourists, indicators of tourism potential at cultural and heritage assets, and assessment criteria for cultural and heritage assets with tourism potential. *Cultural Tourism* examines the five main constituent elements involved in cultural tourism: cultural and heritage assets in tourism sites such as the Royal Palace in Bangkok, the Cook Islands, and Alcatraz Prison in San Francisco. *tourism--what it is, how it works, and what makes it a success* five different types of cultural tourists consumption of products, value adding, and commodification integrating the first four elements to satisfy the tourist, meet the needs of the tourism industry, and conserve the intrinsic value of the asset. Though tourism and cultural heritage management professionals have mutual interests in the management, conservation, and presentation of cultural and heritage assets, the two sectors operate on parallel planes, maintaining an uneasy partnership with surprisingly little dialogue. *Cultural Tourism* provides professionals and students in each field with a better understanding of their own roles in the partnership, bridging the gap via sound planning, management, and marketing to produce top-quality, long-lasting cultural tourism products. Now translated into simplified Chinese.