

Shift 1 Kim Curran

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Landscape Infrastructure Ying-Yu Hung 2011-01-01 Infrastructure is a much discussed topic within the field of landscape architecture. It regards the entire urban and rural space as a network that calls for an integrated planning and urban design approach. Natural and man-made infrastructures are viewed as forming a single, overarching whole. The book examines this robust and ecologically sustainable approach with essays by well-known experts in the field. It also documents 14 international case studies by SWA landscape architects and urban designers, among them the technologically innovative roof domes for Renzo Piano's California Academy of Science in San Francisco, the restoration of the Buffalo Bayou in Houston, and several master plans for ecological corridors in China and Korea. Other projects develop smart re-use concepts for railroad tracks that no longer serve their original purpose, such as Kyung-Chun railway in Seoul or Katy Trail in Dallas. All projects are described extensively with technical diagrams and plans. The publication offers ideas for reinventing, repurposing, and repositioning infrastructure as a viable medium for addressing issues of ecology, transit, urbanism, and habitat.

Reagents for Radical and Radical Ion Chemistry David Crich 2013-05-30 Radicals and radical ions are important intermediates with wide use in organic synthesis. The first book to concentrate on reagents for the creation and use of radicals and radical ions, this new volume in the Handbooks of Reagents for Organic Synthesis series compiles articles taken from the e-eros database, on reagents for use in radical and radical chemistry, to help the chemist in the lab choose the right reagents. Reflecting the enormous growth of radical chemistry over the past ten years, this is an essential guide for all synthetic chemists.

Protostars and Planets VI Henrik Beuther 2014-12-18 "This volume integrates the cross-disciplinary aspects of this broad field. Covering a wide range of scales, from the formation of large clouds in our Milky Way galaxy down to small chondrules in our solar system, it takes an encompassing view with the goal of highlighting what we know and emphasizing the frontiers of what we do not know"--

Modern Management of Cancer of the Rectum Walter E. Longo 2014-11-27 Modern Management of Cancer of the Rectum is intended to provide a comprehensive overview of all aspects of rectal neoplasms. It addresses epidemiology, biology, screening and chemoprevention, the role of imaging in diagnosis, staging and prognosis, radiation therapy, medical and surgical treatment, as well as new modalities of therapy, including laparoscopy, and transanal endoscopic surgery. A greater understanding of prognostic factors, patterns of spread and natural history has occurred during the past decade; together with new diagnostic modalities this has led to significant changes in the management of patients with rectal cancer. This book will be invaluable for all those who treat rectal cancer.

Plant Viruses As Molecular Pathogens Jawaid A. Khan 2001-11-08 Learn to produce healthier crops and better harvests! This uniquely valuable book highlights the tremendous progress of knowledge in different areas of the field over the last decade. Here you'll find new and useful information about plant molecular virology and how the field can improve the world food situation in the coming years. The last decade has seen remarkable advances in plant virological research, owing mainly to the rapid progress made in molecular biology and genetic engineering in recent years. While recombinant DNA technology has significantly contributed to our understanding of plant viruses, new findings are being accumulated every day as reported in various publications. Plant Viruses As Molecular Pathogens is the only book to bring you all of this information--22 chapters--in a single volume, compiled by specialists around the globe! Use Plant Viruses As Molecular Pathogens to enhance your knowledge of: current virus taxonomy the molecular basis of virus transmission movement of plant viruses replication and gene expression of RNA/DNA viruses resistance to viruses molecular epidemiology recombination events and possible mechanisms molecular diversity novel aspects of plant virus detection technologies With helpful illustrations, photos, figures, models that explain viral mechanisms, and easy-to-understand reference tables, Plant Viruses As Molecular Pathogens will stimulate your thinking on this fascinating area of plant science!

Year Book, Trotting and Pacing United States Trotting Association 1975

The Silent Revolution in Cancer and AIDS Medicine Heinrich Kremer 2012-09-10 Examining all the major research data since the 1940s, this book challenges two orthodox medical models: HIV as the cause of AIDS, and random genetic mutations as the cause of cancer. Based on the recent findings from Evolutionary Biology and Nitric Oxide research, it presents a fundamentally new understanding of the human cell, its double genome split between the cell nucleus and the mitochondria, and the role of energy production and signal modulation for immune reactions and carcinogenesis. Finally, it explains the concept of a new Cell Symbiosis Therapy® for the treatment of all chronic diseases, including cancer. Now available in English for the first time, this book is a must-read for doctors, patients and anyone following the cutting edge of biology and immunology. With the blasting open of such doors of knowledge, the medical world will never again be the same. Heinrich Kremer, MD, Medical Director Emeritus was, from 1968-1975, head of social therapy for addicts, sexual offenders and people with personality disorders at the Berlin Tegel prison which was the pilot project for the reform of the German penal system. In 1988 he resigned as medical director of a model clinic specializing in youth drug addiction due to differences on medical ethics regarding the HIV test and AIDS therapy. From 1993-1999 as collaborating member of the Study Group for Nutrition and Immunity (Bern) he investigated together with Prof. Alfred Hässig the mechanisms occurring

in AIDS defining illnesses and in cancer. Since the publication of this book in German in 2001 he has been in demand as a lecturer on the treatment of chronic diseases, working today as senior consultant in a growing medical network for Cell Symbiosis Therapy®.

Handbook of Scholarly Publications from the Air Force Institute of Technology (AFIT), Volume 1, 2000-2020 Adedeji B. Badiru 2022-12-20 This handbook represents a collection of previously published technical journal articles of the highest caliber originating from the Air Force Institute of Technology (AFIT). The collection will help promote and affirm the leading-edge technical publications that have emanated from AFIT, for the first time presented as a cohesive collection. In its over 100 years of existence, AFIT has produced the best technical minds for national defense and has contributed to the advancement of science and technology through technology transfer throughout the nation. This handbook fills the need to share the outputs of AFIT that can guide further advancement of technical areas that include cutting-edge technologies such as blockchain, machine learning, additive manufacturing, 5G technology, navigational tools, advanced materials, energy efficiency, predictive maintenance, the internet of things, data analytics, systems of systems, modeling & simulation, aerospace product development, virtual reality, resource optimization, and operations management. There is a limitless vector to how AFIT's technical contributions can impact the society. Handbook of Scholarly Publications from the Air Force Institute of Technology (AFIT), Volume 1, 2000-2020, is a great reference for students, teachers, researchers, consultants, and practitioners in broad spheres of engineering, business, industry, academia, the military, and government.

Writing Reaction Mechanisms in Organic Chemistry Audrey Miller 2012-12-02 Presentation is clear and instructive: students will learn to recognize that many of the reactions in organic chemistry are closely related and not independent facts needing unrelated memorization. The book emphasizes that derivation of a mechanism is not a theoretical procedure, but a means of applying knowledge of other similar reactions and reaction conditions to the new reaction. n Brief summaries of required basic knowledge of organic structure, bonding, stereochemistry, resonance, tautomerism, and molecular orbital theory n Definitions of essential terms n Typing and classification of reactions n Hints (rules) for deriving the most likely mechanism for any reaction

Immediate Early Genes and Inducible Transcription Factors in Mapping of the Central Nervous System Function and Dysfunction L. Kaczmarek 2002-07 That molecular neurobiology has become a dominant part of neuroscience research can be credited to the discovery of inducible gene expression in the brain and spinal cord. This volume deals with genes, whose expression patterns in the vertebrate central nervous system were the first to be revealed and then the most extensively investigated over the last 15 years. Immediate early genes (IEG) and their protein products, especially those acting as regulators of transcription (inducible transcription factors, ITF) have proven to be very valuable tools in functional neuroanatomy and neurophysiology, as they are rapidly and transiently induced in specific neurons in response to various modes of stimulation. Thus, they have been used to map neuronal populations selectively responsive to a variety of conditions, such as sensory and learning experience, electrical stimulation of specific circuits, seizures, and neurodegeneration. This single volume, written by the most prominent authors in the field, brings together for the first time information about the most widely studied IEG/ITF in a whole variety of phenomena of neuronal activation. It starts with a critical appraisal of the technologies employed for the studies on gene, protein, and transcription factor activity in the nervous system. Several chapters present exhaustive examples of expression patterns of the ITF in "vocal" avian brain, mammalian brain sensory regions, areas involved in regulation of circadian rhythms, and the spinal cord. The next parts cover functional and regular aspects of individual IEG/ITF expression: c-fos in learning and memory, c-jun and others in neuropathology and neuronal stress responses, Elk-1, egr family, and CREB in neuronal plasticity and learning. This volume will be useful as a major reference on this topic. Furthermore, it attempts to unravel the seemingly overwhelming complexity of the phenomena of gene expression in the central nervous system.

Journal of the Chemical Society 1992

Recent Advances in Intelligent Information Hiding and Multimedia Signal Processing Jeng-Shyang Pan 2018-11-10 This book features papers presented at IIH-MSP 2018, the 14th International Conference on Intelligent Information Hiding and Multimedia Signal Processing. The scope of IIH-MSP included information hiding and security, multimedia signal processing and networking, and bio-inspired multimedia technologies and systems. The book discusses subjects related to massive image/video compression and transmission for emerging networks, advances in speech and language processing, recent advances in information hiding and signal processing for audio and speech signals, intelligent distribution systems and applications, recent advances in security and privacy for multimodal network environments, multimedia signal processing, and machine learning. Presenting the latest research outcomes and findings, it is suitable for researchers and students who are interested in the corresponding fields. IIH-MSP 2018 was held in Sendai, Japan on 26-28 November 2018. It was hosted by Tohoku University and was co-sponsored by the Fujian University of Technology in China, the Taiwan Association for Web Intelligence Consortium in Taiwan, and the Swinburne University of Technology in Australia, as well as the Fujian Provincial Key Laboratory of Big Data Mining and Applications (Fujian University of Technology) and the Harbin Institute of Technology Shenzhen Graduate School in China.

Magnetic Resonance Spectroscopy of Degenerative Brain Diseases Gülin Öz 2016-07-27 The proposed book will act as a guide for scientists and clinicians to the unique information that MRS can provide. It will be a comprehensive overview of clinical and pre-clinical MRS applications and potential clinical utility of MRS biomarkers in degenerative brain diseases from leading experts in the field. MRS has proven to be a powerful complementary tool to MRI for the diagnosis and monitoring of disease progression and response to treatment because it can detect changes in cell density, cell type, and biochemical composition, not just structural changes. As the population in the developed world continues to age, neuroimaging for diagnosis, prognosis, and therapy monitoring of neurodegenerative diseases becomes increasingly important and there has been a recent surge of clinical and pre-clinical applications of MRS indicating that this technique can provide robust and non-invasive biomarkers of degeneration.

Sag nie ihren Namen Juno Dawson 2015-07-02 Nach diesem Buch ist jeder Blick in den Spiegel ein Wagnis auf eigene Gefahr!!! Als Bobbie und ihre beste Freundin Naya an Halloween den legendären Geist Bloody Mary beschwören sollen, glaubt niemand, dass wirklich etwas passieren wird. Also vollziehen sie das Ritual: Fünf Mal sagen sie Marys Namen vor einem mit Kerzen erleuchteten Spiegel ... Doch etwas wird in dieser Nacht aus dem Jenseits gerufen. Etwas Dunkles,

Grauenvolles. Sie ist ein böser Hauch. Sie lauert in Albträumen. Sie versteckt sich in den Schatten des Zimmers. Sie wartet in jedem Spiegel. Sie ist überall. Und sie plant ihre Rache.

Emerging Infectious Diseases 2013

Advances in Organometallic Chemistry Anthony F. Hill 2011-08-09 Almost all branches of chemistry and material science now interface with organometallic chemistry--the study of compounds containing carbon-metal bonds. This widely acclaimed serial contains authoritative reviews that address all aspects of organometallic chemistry, a field that has expanded enormously since the publication of Volume 1 in 1964. * Fully updated and expanded to reflect recent advances * Illustrated with pertinent examples from recent literature * Contributions from leading authorities and industry experts
Prokaryotic Gene Expression Simon Baumberg 1999-05-27 Prokaryotic gene expression is not only of theoretical interest but also of highly practical significance. It has implications for other biological problems, such as developmental biology and cancer, brings insights into genetic engineering and expression systems, and has consequences for important aspects of applied research. For example, the molecular basis of bacterial pathogenicity has implications for new antibiotics and in crop development. Prokaryotic Gene Expression is a major review of the subject, providing up-to-date coverage as well as numerous insights by the prestigious authors. Topics covered include operons; protein recognition of sequence specific DNA- and RNA-binding sites; promoters; sigma factors, and variant tRNA polymerases; repressors and activators; post-transcriptional control and attenuation; ribonuclease activity, mRNA stability, and translational repression; prokaryotic DNA topology, topoisomerases, and gene expression; regulatory networks, regulatory cascades and signal transduction; phosphotransfer reactions; switch systems, transcriptional and translational modulation, methylation, and recombination mechanisms; pathogenicity, toxin regulation and virulence determinants; sporulation and genetic regulation of antibiotic production; origins of regulatory molecules, selective pressures and evolution of prokaryotic regulatory mechanisms systems. Over 1100 references to the primary literature are cited. Prokaryotic Gene Expression is a comprehensive and authoritative review of current knowledge and research in the area. It is essential reading for postgraduates and researchers in the field. Advanced undergraduates in biochemistry, molecular biology, and microbiology will also find this book useful.

The Chemistry of Triple-Bonded Functional Groups, Supplement C2, Volume 2 Saul Patai 1994 Considerable advances have been made regarding the chemistry of triple-bonded functional groups since the first volume in this series was published. This updated version covers information which has been reported during the last 15 years.

Executive Function Sandra A. Wiebe 2017-07-28 Executive Function: Development Across the Life Span presents perspectives from leading researchers and theorists on the development of executive function from infancy to late adulthood and the factors that shape its growth and decline. Executive function is the set of higher-order cognitive processes involved in regulating attention, thoughts, and actions. Relative to other cognitive domains, its development is slow and decline begins early in late adulthood. As such, it is particularly sensitive to variations in environments and experiences, and there is growing evidence that it is susceptible to intervention - important because of its link to a wide range of important life outcomes. The volume is made up of four sections. It begins with an overview of executive function's typical development across the lifespan, providing a foundation for the remainder of the volume. The second section presents insights into mechanisms of executive function, as provided by a variety of methodological approaches. The third and fourth sections review the current research evidence on specific factors that shape executive function's development, focusing on normative (e.g., bilingualism, physical activity, cognitive training) and clinically relevant (e.g., substance use, neurodegenerative disease) developmental pathways.

Chronisch entzündliche Darmerkrankungen Frank Autschbach 2004

Principles and Advanced Methods in Medical Imaging and Image Analysis Atam P. Dhawan 2008 Computerized medical imaging and image analysis have been the central focus in diagnostic radiology. They provide revolutionizing tools for the visualization of physiology as well as the understanding and quantitative measurement of physiological parameters. This book offers in-depth knowledge of medical imaging instrumentation and techniques as well as multidimensional image analysis and classification methods for research, education, and applications in computer-aided diagnostic radiology. Internationally renowned researchers and experts in their respective areas provide detailed descriptions of the basic foundation as well as the most recent developments in medical imaging, thus helping readers to understand theoretical and advanced concepts for important research and clinical applications. Sample Chapter(s). Sample Chapter(s). Chapter 1: Introduction to Medical Imaging and Image Analysis: A Multidisciplinary Paradigm (60 KB). Contents: Principles of Medical Imaging and Image Analysis; Recent Advances in Medical Imaging and Image Analysis; Medical Imaging Applications, Case Studies and Future Trends. Readership: Graduate-level readers in medical imaging and medical image processing.

Cumulated Index Medicus 1997

Cornea E-Book Mark J Mannis 2016-09-23 Highly praised in its first three editions, Cornea has become a market-leading cornerstone text and the immediate go-to resource for anyone working in this hugely popular and evolving sub-specialty. Offered over two volumes and featuring the knowledge of over 200 experts worldwide, it presents state-of-the-art coverage of the expanding range of contemporary corneal surgery, new diagnostic technology, and medical management of corneal and external disease as well as ocular surface disease. This updated edition includes 20 brand-new chapters, while an enhanced focus on images provides key visual guidance in this challenging field. Exceptionally clear illustrations, diagnostic images, and step-by-step surgical photographs offer superb visual guidance. 20 brand-new chapters cover the latest advances in the field, such as DMEK, Ultra-Thin DSEK and DSAEK techniques; endothelial cell transplantation; keratoplasty and prosthokeratoplasty techniques; collagen cross-linking; and new refractive surgical techniques (presbyopic implants and SMILE surgery). Boasts over 170 chapters with unique, cutting-edge content, as well as 2,300 clear illustrations - 670 of which are new to this edition. Presents a detailed exposition of the growing number of techniques for lamellar keratoplasty, including outcomes. Includes new sections on the latest developments in the management of ocular surface disease. Key point overviews in each chapter offer easier access to crucial information.

Cruising World 2001-01

Hearing Loss, Fourth Edition Joseph Sataloff 2005-08-30 Covering all aspects of the anatomy, physiology, diagnosis, and treatment of hearing loss, this Fourth Edition offers new information on current diagnostic technologies, the latest concepts in the medical management of hearing impairment, the care and management of tinnitus, and the clinical control

of disequilibrium-offering a comprehensive review of the many afflictions that impair the hearing of adults and children.

New Advances in Grit Research: A Multidisciplinary Perspective Song Wang 2022-09-20

Broken Lands Kate Milford 2014-03

The Bilingual Reform Wolfgang Butzkamm 2009-04-29 With this book, change has come to foreign language teaching. The mother tongue taboo, which has been the perceived didactical correctness for so many years and in so many countries, is swept away. At the same time, this book combines theory with practice, advice and guidance to teachers. Since the mother tongue issue touches upon all the major domains of teaching - vocabulary, grammar, texts, communication, emotional aspects - a new synthesis of theory and practice has been developed. An invaluable resource both for the novelty and diversity of the teaching techniques presented and for the clarity of its writing.

Diplomatic and Mediated Arguments in the North Korean Crisis Thomas A. Hollihan 2021-05-25 This book examines media coverage and public diplomacy regarding the North Korea nuclear controversy, with a focus on the history of military and diplomatic efforts to resolve tensions on the Korean Peninsula. Chapters consider both legacy and social media coverage in the United States, South Korea, Japan, and China, as well as the power of visual images and the role of military and hard power in shaping public understanding and events in the region.

Springer Handbook of Nanomaterials Robert Vajtai 2013-08-20 The Springer Handbook of Nanomaterials covers the description of materials which have dimension on the "nanoscale". The description of the nanomaterials in this Handbook follows the thorough but concise explanation of the synergy of structure, properties, processing and applications of the given material. The Handbook mainly describes materials in their solid phase; exceptions might be e.g. small sized liquid aerosols or gas bubbles in liquids. The materials are organized by their dimensionality. Zero dimensional structures collect clusters, nanoparticles and quantum dots, one dimensional are nanowires and nanotubes, while two dimensional are represented by thin films and surfaces. The chapters in these larger topics are written on a specific materials and dimensionality combination, e.g. ceramic nanowires. Chapters are authored by well-established and well-known scientists of the particular field. They have measurable part of publications and an important role in establishing new knowledge of the particular field.

Stevens' Handbook of Experimental Psychology and Cognitive Neuroscience, Language and Thought 2018-02-01 III. Language & Thought: Sharon Thompson-Schill (Volume Editor) (Topics covered include embodied cognition; discourse and dialogue; reading; creativity; speech production; concepts and categorization; culture and cognition; reasoning; sentence processing; bilingualism; speech perception; spatial cognition; word processing; semantic memory; moral reasoning.)

THE COMPLETE WORKS OF RUDYARD KIPLING (Illustrated Edition) Rudyard Kipling 2017-08-07 This carefully edited collection of "THE COMPLETE WORKS OF RUDYARD KIPLING (Illustrated Edition)" has been designed and formatted to the highest digital standards and adjusted for readability on all devices. Contents: Novels: *The Light That Failed* *Captain Courageous: A Story of the Grand Banks* *Kim* *The Naulahka: A Story of West and East* *Stalky and Co.* Short Story Collections: *The City of Dreadful Night* *Plain Tales from the Hills* *Soldier's Three (The Story of the Gadsbys)* *Soldier's Three - Part II* *The Phantom 'Rickshaw and Other Ghost Stories* *Under the Deodars* *Wee Willie Winkie* *Life's Handicap* *Many Inventions* *The Jungle Book* *The Second Jungle Book* *The Day's Work* *Just So Stories* *Traffics and Discoveries* *Puck of Pook's Hill* *Actions and Reactions* *Ahaft the Funnel* *Rewards and Fairies* *The Eyes of Asia* *A Diversity of Creatures* *Land and Sea* *Tales Debits and Credits* *Thy Servant* *a Dog* *Limits and Renewals* Poetry Collections: *Departmental Ditties* *Ballads and Barrack-Room Ballads* *The Seven Seas* *An Almanac of Twelve Sports* *The Five Nations* *Songs from Books* *The Years Between* *Military Collections: A Fleet in Being* *France at War* *The New Army in Training* *Sea Warfare* *The War in the Mountains* *The Graves of the Fallen* *The Irish Guards in the Great War I & II* *Travel Collections: American Notes* *From Sea to Sea* *Letters of Travel: 1892 - 1913* *Souvenirs of France* *Brazilian Sketches: 1927* *How Shakespeare Came to Write the 'Tempest'* *Autobiographies: A Book of Words* *Something of Myself* *Joseph Rudyard Kipling (1865-1936)* was an English short-story writer, poet, and novelist. He wrote tales and poems of British soldiers in India and stories for children. He is regarded as a major innovator in the art of the short story and his books are classics of children's literature.

Small Firms and Network Economies Martin Perry 2012-12-06 Recent development experience points to the way business can be the key to a dynamic small business sector, especially where those links are built on high trust co-operative relations. This book reviews different types of small business network, illustrated by an international selection of case studies, including: * Chinese family business networks * ethnic minority business networks * Japanese and South Korean business group networks * Taiwan's subcontracting networks * European industrial districts Network promotion initiatives in Singapore, New Zealand, Scandinavia and the UK are each discussed to provide a comprehensive comparative assessment of small business networks.

Computer Vision - ECCV 2022 Shai Avidan 2022-10-22 The 39-volume set, comprising the LNCS books 13661 until 13699, constitutes the refereed proceedings of the 17th European Conference on Computer Vision, ECCV 2022, held in Tel Aviv, Israel, during October 23-27, 2022. The 1645 papers presented in these proceedings were carefully reviewed and selected from a total of 5804 submissions. The papers deal with topics such as computer vision; machine learning; deep neural networks; reinforcement learning; object recognition; image classification; image processing; object detection; semantic segmentation; human pose estimation; 3d reconstruction; stereo vision; computational photography; neural networks; image coding; image reconstruction; object recognition; motion estimation.

The Science of Crime Scenes Max M. Houck 2012-12-17 The recent National Research Council's report on forensic science calls for more fundamental education and training in the science behind the discipline. Nowhere is this need greater than in crime scene investigations. Long seen as merely "bagging and tagging," crime scene investigation and processing is now a complex process, involving numerous sciences and methods. The Science of Crime Scenes addresses the science behind the scenes and demonstrates the latest methods and technologies in depth. The Science of Crime Scenes covers the philosophy of crime scenes as historical events, the personnel involved at a scene (including the media), the detection of criminal traces and their reconstruction, and special crime scenes, such as mass disasters and terroristic events. Written by an international trio of authors with decades of crime scene experience, The Science of Crime Scenes is the next generation of crime scene textbooks. Offers a science-based approach to crime scene investigation Includes in-depth coverage of disasters and mass murder, terror crime scenes, and CBRN (chemical, biological, radioactive and nuclear) - not covered in any other text Written by an international trio of authors with decades of crime scene experience Instructor

website with lecture slides, test bank, outlines, definitions, and activities, and a student companion site with an image collection

Transdisciplinary Engineering: A Paradigm Shift C.-H. Chen 2017-07-20 Concurrent Engineering is based on the concept that different phases of a product life cycle should be conducted concurrently and initiated as early as possible within the Product Creation Process (PCP). Its main goal is to increase the efficiency and effectiveness of the PCP and reduce errors in the later stages, and to incorporate considerations for the full lifecycle, through-life operations, and environmental issues of the product. It has become the substantive basic methodology in many industries, and the initial basic concepts have matured and become the foundation of many new ideas, methodologies, initiatives, approaches and tools. This book presents the proceedings of the 24th ISPE Inc. International Conference on Transdisciplinary (formerly: Concurrent) Engineering (TE 2017), held in Singapore, in July 2017. The 120 peer-reviewed papers in the book are divided into 16 sections: air transport and traffic operations and management; risk-aware supply chain intelligence; product innovation and marketing management; human factors in design; human engineering; design methods and tools; decision supporting tools and methods; concurrent engineering; knowledge-based engineering; collaborative engineering; engineering for sustainability; service design; digital manufacturing; design automation; artificial intelligence and data analytics; smart systems and the Internet of Things. The book provides a comprehensive overview of recent advances in transdisciplinary concurrent engineering research and applications, and will be of interest to researchers, design practitioners and educators working in the field.

Shift Kim Curran 2015-03-31 When your average, 16-year old loser, Scott Tyler, meets the beautiful and mysterious Aubrey Jones, he learns he's not so average after all. He's a 'Shifter'. And that means he has the power to undo any decision he's ever made. At first, he thinks the power to shift is pretty cool. But as his world quickly starts to unravel around him he realizes that each time he uses his power, it has consequences; terrible unforeseen consequences. Shifting is going to get him killed. In a world where everything can change with a thought, Scott has to decide where he stands.

Latent Growth Curve Modeling Kristopher J. Preacher 2008-06-27 "Latent Growth Curve Modeling introduces students to a strategy for modeling change over time. This volume offers a unique chance to study this useful research method with easy-to-follow examples of common growth modeling approaches. It addresses ways to fit a variety of advanced statistical models to repeated-measures data, to model change over time, and to assess individual differences in change." "This graduate-level volume is a resource for individual researchers or courses covering longitudinal data analysis, structural equation modeling, developmental methodology, and multivariate techniques."--BOOK JACKET.

Human and Mediated Communication around the World Marieke de Mooij 2013-10-07 This book is unique in the sense that it offers a comprehensive review and analysis of human communication and mediated communication around the world. This is one of the first attempts to do so in a systematic, comprehensive way. It challenges the assumption that Western theories of human communication and mass communication have universal applicability. It surveys the applicability of mass communication theories to other than Western cultures. The book explains the influence of culture on all forms of communication behavior, be it personal, mediated or mass communication. It presents communication theories from around the world, incorporating a vast body of literature from Europe, Asia, Africa and Latin America. This updated information on important international perspectives that includes both interpersonal and mediated communication is presently not readily available in other sources. The book offers an integrated approach to understanding the working of electronic means of communication that are hybrid media combining human and mediated communication. These new media that are often presented as universal are even more culture-bound than the traditional media.

A Paradigm Shift in Health Care Information Systems Christopher G. Chute 1998