

The Routledge Companion To Ebook777

XAFS for Everyone provides a practical, thorough guide to x-ray absorption fine-structure (XAFS) spectroscopy for both novices and seasoned practitioners from a range of disciplines. The text is enhanced with more than 200 figures as well as cartoon characters who offer informative commentary on the different approaches used in XAFS spectroscopy. The book covers sample preparation, data reduction, tips and tricks for data collection, fingerprinting, linear combination analysis, principal component analysis, and modeling using theoretical standards. It describes both near-edge (XANES) and extended (EXAFS) applications in detail. Examples throughout the text are drawn from diverse areas, including materials science, environmental science, structural biology, catalysis, nanoscience, chemistry, art, and archaeology. In addition, five case studies from the literature demonstrate the use of XAFS principles and analysis in practice. The text includes derivations and sample calculations to foster a deeper comprehension of the results. Whether you are encountering this technique for the first time or looking to hone your craft, this innovative and engaging book gives you insight on implementing XAFS spectroscopy and interpreting XAFS experiments and results. It helps you understand real-world

trade-offs and the reasons behind common rules of thumb.

Bring your artwork to life with the power of the FORCE! Watch, listen, and follow along as Mike Mattesi demonstrates the fundamental FORCE line and explains dynamic figure drawing techniques through 30 videos that are launched through the book's companion App. Packed with superb, powerfully drawn examples, the updated third edition of FORCE features an all-new section on the "FORCE blob," and dozens of fresh illustrations. Mike Mattesi's 10th anniversary edition of FORCE will teach readers how to put thought and imagination to paper. Whether you are an illustrator, animator, comic book artist, or student, you'll learn to use rhythm, shape, and line to bring out the life in any subject. The 10th Anniversary Edition contains numerous improvements. Around 30 videos are embedded within the book and accessible through the FORCE Drawing App. In the App, click on the image of the camera, point your mobile device's camera at the page with the symbol, and then finally tap the video card image floating above the drawing to launch the video. Then sit back and watch the video that shows me creating that drawing and discussing my process. Many new drawings can be found within this edition and the addition of color now further clarifies the theory of FORCE. Key Features The unique, dynamic learning system that has helped thousands of artists enhance their figure drawing abilities Dozens of

updated illustrations and all-new content, exclusive to the 3rd edition. Select pages can be scanned by your smartphone or other device to pull up bonus video content, enhancing the learning process. Companion App: Nearly 50 videos are available on the free FORCE Drawing companion app that can be downloaded through Google Play or the Apple App Store.

Dance Music Manual, aimed at the novice and seasoned professional alike, takes the reader through the software and hardware needed to create original, captivating, and professional sounding music. Key features of Dance Music Manual include: How to create compelling, professional-sounding original or remixed dance tracks. The differences between different genres and how to produce them. How to expose your tracks to their chosen audience and equip you with the skills to develop your career as a dance music producer and engineer. Along with the book is a companion website, which provides examples of synthesis programming, compression, effects, MIDI files, and examples of the tracks discussed in this edition. The new and improved fourth edition covers processes and techniques used by music producers, masters, mixers, and DJs. Each page is full of facts presented in a manner that is easy to absorb and implement.

The Art of City Sketching: A Field Manual guides you through the laborious and

sometimes complex process of sketching what you see in the built environment so that you can learn to draw what you imagine. Illustrated with hundreds of drawings by students and professionals of cityscapes around Europe and the United States, the book helps you develop your conceptual drawing skills so that you can communicate graphically to represent the built environment. Short exercises, projects, drawing tips, step-by-step demonstrations, and composition do's and don'ts make it easy for you to get out into the city and experiment in your own work. Author Michael Abrams uses his experience as a field sketching instructor, to show you that by drawing, you can discover, analyze, and comprehend the built environment.

Ed Hooks' essential acting guidebook for animators has been fully revised and updated in this 4th edition. Hooks uses classical acting theory – from Aristotle to Stanislavsky and beyond – to explain everything from character analysis and physical movement to facial expression and scene structure. He speaks directly to animators, instead of stage or screen actors. Acting for Animators is an invaluable primer for beginner animators and a useful reference for experienced pros. New to this fourth edition: - 6 new scene-by-scene acting analyses of animated feature films, including Zootopia and The Little Prince - an annotated analysis of Walt Disney's famous 1935 memo to Don Graham, regarding how

best to train animators - advice to the animator about how best to perform visual references - a chapter on Virtual Reality - an online database of Ed's previous film analyses, all in one place.

"Case Studies in Multicultural Counseling and Therapy is a magnificent resource that will help create a greater bridge of understanding between the academic, research, and applied domains of the mental health professions." —From the Foreword by Thomas A. Parham, PhD, Vice Chancellor, Student Affairs, University of California, Irvine; Distinguished Psychologist, Association of Black Psychologists An indispensable collection of real-life clinical cases from practicing experts in the field of multicultural counseling and psychotherapy Case Studies in Multicultural Counseling and Therapy is a one-of-a-kind resource presenting actual cases illustrating assessment, diagnostic, and treatment concerns associated with specific populations. The contributors—well-known mental health professionals who specialize in multicultural counseling and psychotherapy—draw on their personal experiences to empower therapists in developing an individually tailored treatment plan that effectively addresses presenting problems in a culturally responsive manner. Providing readers with the opportunity to think critically about multicultural factors and how they impact assessment, diagnosis, and treatment, this unique book: Covers ethical issues and evidence-

based practice Integrates therapists' reflections on their own social identity and how this may have influenced their work with their clients Considers the intersectionality of racial/ethnic, class, religious, gender, and sexual identities Contains reflection and discussion questions, an analysis of each case by the author, and recommended resources Includes cases on racial/ethnic minority populations, gender, sexuality, poverty, older adults, immigrants, refugees, and white therapists working with people of color Aligns with the ACA's CACREP accreditation standards, the APA guidelines for multicultural competence, and the AMCD Multicultural Counseling Competencies

Integrative Therapy is a unifying approach that brings together physiological, affective, cognitive, contextual and behavioural systems, creating a multi-dimensional relational framework that can be created anew for each individual case. Integrative Therapy: 100 Key Points and Techniques provides a concise and accessible guide that allows professionals and students to look beyond specific approaches in order to draw upon ideas and techniques that will best help the client. Divided into helpful sections, areas of discussion include: the case for an integrative approach to therapy the centrality of relationship and dimensions of self development the process of integrative therapy techniques and strategies This book will be essential reading for all psychotherapists and

counsellors, both in practice and training, who want to expand their perspectives and learn more about an integrative approach.

Person-centred therapy, rooted in the experience and ideas of the eminent psychotherapist Carl Rogers, is widely practised in the UK and throughout the world. It has applications in health and social care, the voluntary sector and is relevant to work with people who are severely mentally and emotionally distressed. As well as being a valuable sourcebook and offering a comprehensive overview, this edition includes updated references and a new section on recent developments and advances. The book begins with a consideration of the principles and philosophy underpinning person-centred therapy before moving to a comprehensive discussion of the classical theory upon which practice is based. Further areas of discussion include: The model of the person, including the origins of mental and emotional distress The process of constructive change A review of revisions of and additions to person-centred theory Child development, styles of processing and configurations of self The quality of presence and working at relational depth Criticisms of the approach are addressed and rebutted and the application of theory to practice is discussed. The new final section is concerned with advances and developments in theory and practice including: Counselling for Depression The Social Dimension to

Person-Centred Therapy Person-Centred Practice with People experiencing Severe and Enduring Distress and at the 'Difficult Edge' A Review of Research Throughout the book, attention is drawn to the wider person-centred literature to which it is a valuable key. Person-Centred Therapy will be of particular use to students, scholars and practitioners of person-centred therapy as well as to anyone who wants to know more about one of the major psychotherapeutic modalities.

"Ed Hooks' indispensable acting guidebook for animators returns. Ed uses basic acting theory to explain everything from character movement and facial expressions to interaction and scene construction. Just as acting on film and on stage are very different disciplines, so is the use of acting theory in creating an animated character, scene or story. New to this Routledge edition:- illustrated, scene-by-scene analyses of six films, including Up, Coraline and Kung Fu Panda- an expanded chapter on video game animation- all-new illustrations- a history of acting in 500 words"--

Storytelling for Film and Television is a theory and practice book which offers a definitive introduction to the art of storytelling through writing, directing, and editing. Author Ken Dancyger provides a comprehensive explanation of the tools that underpin successful narrative filmmaking and television production. The book takes a unique approach by connecting the

different phases of the creative process of film and television production. It shows how writing, directing, and editing all contribute to the process of storytelling and function together to advance the narrative goals of a screenplay, to tell the best story. A case study approach provides numerous examples of effectiveness and brings together the core areas of aesthetics and production to make these concepts more accessible. Case studies include classic and modern films, foreign films, limited and series television, with examples including Breaking Bad, Game of Thrones, The Revenant, and Son of Saul. This is the ideal text for film and television production students at all levels. It is written in a style which makes it accessible to anybody interested in learning more about the storytelling process and is written for a global audience addressing a global industry. Including Breaking Bad, Game of Thrones, The Revenant, and Son of Saul. This is the ideal text for film and television production students at all levels. It is written in a style which makes it accessible to anybody interested in learning more about the storytelling process and is written for a global audience addressing a global industry.

So you want to learn the ins and outs of creating dance music and looking to improve your production? Then this book is just for you. No matter what genre you are interested in- trance, techno, garage, chill out, house or what tool you are working with- Ableton, Reason, Reaktor or Absynth, Snowman covers every aspect of dance music production- from sound design, compression and effects to mixing and mastering to help you improve your music. No matter what your level of experience the Dance Music Manual is packed with sound advice, techniques and practical tips to help you achieve professional results. The CD provides demo tracks showing what can be achieved when applying the advice contained in the book, including examples of the quality difference before and after mixing and mastering. The CD also

contains free software demos for you to download. For even more advice and resources, check out the book's official website www.dancemusicproduction.com

Greek Tragedies as Plays for Performance is a unique introduction to the genre that explores these works as dramatic artefacts intended for performance—instead of as ancient literature solely to be read and studied. Written by a scholar who combines his academic understanding of Greek tragedy with his singular theatrical experience of producing these ancient dramas for the modern stage, this text pays special attention to construction, design, staging, and musical composition in terms of the ancient medium and original resources. The author discusses the masters of the genre—Aeschylus, Sophocles, and Euripides—including similarities, differences, their use and development of Greek tragedy's hybrid form, the significance that each poet attaches to familiar myths and his distinctive approach as a dramatic artist. The text examines 10 plays in detail, from *Persae* and *The Oresteia* to *Antigone* and *Oedipus Tyrannus* and then *Medea* and *Bacchae*, including the 2 *Electra* plays. It delves into important components of these dramas, including performances by the chorus and the 3 actors, the need to captivate audiences attending a major civic and religious festival, and the importance of the lyric sections for emotional effect. The book also contains a companion website, available upon publication at www.wiley.com/go/raeburn, with 136 audio recordings of Greek tragedy that illustrate the beauty of the Greek language and the powerful rhythms of the songs. With extended dramatic analysis of important Greek tragedies at an appropriate level for readers coming to the topic for the first time, this is a fresh and insightful foray into these ancient works of art. David Raeburn has recently retired from a stipendiary Lectureship in Classical Languages at New College in the University of Oxford, UK, where he previously held the Grocyn Lectureship in the Faculty of

Literae Humaniores. Before that, he spent more than 40 years as a Classics teacher and headmaster of two secondary schools. He is the co-author of *The Agamemnon of Aeschylus* (2010) and translator of the Penguin Classics editions of Sophocles' *Electra and Other Plays* (2008) and Ovid's *Metamorphoses* (2004). His research interests include Greek tragedy and Augustan poetry in Latin. He has directed over 30 full-scale or workshop productions of 18 of the 33 extant Greek tragedies, performed either in the original language or in translation with school and university students.

Trish and Chris Meyer share over 17 years of hard-earned, real-world film and video production experience inside this critically acclaimed text. More than a step-by-step review of the features in AE, readers will learn how the program thinks so that they can realize their own visions more quickly and efficiently. This full-color book is packed with tips, gotchas, and sage advice that will help users thrive no matter what projects they might encounter. *Creating Motion Graphics 5th Edition* has been thoroughly revised to reflect the new features introduced in both *After Effects CS4* and *CS5*. New chapters cover the revolutionary new Roto Brush feature, as well as mocha and mocha shape. The 3D section has been expanded to include working with 3D effects such as Digieffects FreeForm plus workflows including Adobe Repoussé, Vanishing Point Exchange, and 3D model import using Adobe Photoshop Extended. The print version is also accompanied by a DVD that contains project files and source materials for all the techniques demonstrated in the book, as well as nearly 200 pages of bonus chapters on subjects such as expressions, scripting, and effects. Subjects include: Animation Techniques; Layer Management; Modes, Masks, and Mattes; Mastering 3D Space; Text Animation; Effects & Presets; Painting and Rotoscoping; Parenting, Nesting, and Collapsing; Color Management

and Video Essentials; Motion Tracking and Keying; Working with Audio; Integrating with 3D Applications; Puppet Tools; Expressions; Exporting and Rendering; and much more.

Under the vast umbrella of Plant Sciences resides a plethora of highly specialized fields. Botanists, agronomists, horticulturists, geneticists, and physiologists each employ a different approach to the study of plants and each for a different end goal. Yet all will find themselves in the laboratory engaging in what can broadly be termed biotechnol

In this new edition 54 chapters cover the central pillars of writing creatively: the theories behind the creativity, the techniques and writing as a commercial enterprise. With contributions from over 50 poets, novelists, dramatists, publishers, editors, tutors, critics and scholars, this is the essential guide to writing and getting published. DT A 3-in-1 text with outstanding breadth of coverage on the theories, the craft & the business of creative writing DT Includes practical advice on getting published & making money from your writing New for this edition: DT Chapters on popular topics such as 'self-publishing and the rise of the indie author', 'social media', 'flash fiction', 'song lyrics', 'creative-critical hybrids' and 'collaboration in the theatre' DT New and updated exercises to help you practice your writing DT Up-to-date information on teaching, copyright, writing for the web & earning a living as a writer DT Updated Glossary of Terms

The global Muslim population includes a large number of lineal descendants and relatives of the Prophet Muhammad. These kinsfolk, most often known as "sayyid" or "sharif," form a distinct social category in many Muslim societies, and their status can afford them special treatment in legal matters and in the political sphere. This book brings together an international group of renowned scholars to provide a comprehensive examination of the place of the

kingsfolk of Muhammad in Muslim societies, throughout history and in a number of different local manifestations. The chapters cover: how the status and privileges of sayyids and sharifs have been discussed by religious scholars how the prophetic descent of sayyids and sharifs has functioned as a symbolic capital in different settings the lives of actual sayyids and sharifs in different times and places Providing a thorough analysis of sayyids and sharifs from the ninth century to the present day, and from the Iberian Peninsula to the Indonesian Archipelago, this book will be of great interest to scholars of Islamic studies, Middle East and Asian studies. Tourism Management: managing for change is a complete synthesis of tourism, from its beginnings through to the major impacts it has on today's global community, the environment and economy. Provocative and stimulating, it challenges the conventional thinking and generates reflection, thought and debate. This bestselling book is now in its third edition and has been fully revised and updated to include complete set of brand new case studies, a new four colour page design to enhance learning and improved online companion resources packed with must have information to assist in learning and teaching. Tourism Management covers the fundamentals of tourism, introducing the following key concepts: * The development of tourism * Tourism supply and demand * Sectors involved: transport, accommodation, government * The future of tourism: including forecasting and future issues affecting the global nature of tourism In a user-friendly, handbook style, each chapter covers the material required for at least one lecture within a degree level course. Written in a jargon-free and engaging style, this is the ultimate student-friendly text, and a vital introduction to this exciting, ever-changing area of study. The text is also accompanied by a companion website packed with extra resources for both students and lecturers, including learning outcomes for each chapter,

multiple choice questions, links to sample chapters of related titles and journal articles for further reading, as well as downloadable PowerPoint materials and illustrations from the text. Accredited lecturers can request access to download additional material by going to <http://textbooks.elsevier.com> to request access.

Best known for directing the Impressionist classic *The Smiling Madame Beudet* and the first Surrealist film *The Seashell and the Clergyman*, Germaine Dulac, feminist and pioneer of 1920s French avant-garde cinema, made close to thirty fiction films as well as numerous documentaries and newsreels. Through her filmmaking, writing, and cine-club activism, Dulac's passionate defense of the cinema as a lyrical art and social practice had a major influence on twentieth century film history and theory. In *Germaine Dulac: A Cinema of Sensations*, Tami Williams makes unprecedented use of the filmmaker's personal papers, production files, and archival film prints to produce the first full-length historical study and critical biography of Dulac. Williams's analysis explores the artistic and sociopolitical currents that shaped Dulac's approach to cinema while interrogating the ground breaking techniques and strategies she used to critique conservative notions of gender and sexuality. Moving beyond the director's work of the 1920s, Williams examines Dulac's largely ignored 1930s documentaries and newsreels establishing clear links with the more experimental impressionist and abstract works of her early period. This vivid portrait will be of interest to general readers, as well as to scholars of cinema and visual culture, performance, French history, women's studies, queer cinema, in addition to studies of narrative avant-garde, experimental, and documentary film history and theory.

'Ultimate Portuguese Beginner-Intermediate' includes - 40 lessons in a

comprehensive 416-page textbook - Each lesson contains a lively and authentic dialogue, vocabulary, grammar and usage, step-by-step character writing, cultural highlights, and plenty of practice; 8 hours of recordings with an ingenious two-step approach - Learn at home and Learn on the go.

The Routledge Handbook of Linguistics offers a comprehensive introduction and reference point to the discipline of linguistics. This wide-ranging survey of the field brings together a range of perspectives, covering all the key areas of linguistics and drawing on interdisciplinary research in subjects such as anthropology, psychology and sociology. The 36 chapters, written by specialists from around the world, provide: an overview of each topic; an introduction to current hypotheses and issues; future trajectories; suggestions for further reading. With extensive coverage of both theoretical and applied linguistic topics, The Routledge Handbook of Linguistics is an indispensable resource for students and researchers working in this area.

Multivariate Statistical Methods: A Primer provides an introductory overview of multivariate methods without getting too deep into the mathematical details. This fourth edition is a revised and updated version of this bestselling introductory textbook. It retains the clear and concise style of the previous editions of the book and focuses on examples from biological and environmental sciences. The major

update with this edition is that R code has been included for each of the analyses described, although in practice any standard statistical package can be used. The original idea with this book still applies. This was to make it as short as possible and enable readers to begin using multivariate methods in an intelligent manner. With updated information on multivariate analyses, new references, and R code included, this book continues to provide a timely introduction to useful tools for multivariate statistical analysis.

In this ethnographic study, the author takes an agnostic stance towards the truth value of conspiracy theories and delves into the everyday lives of people active in the conspiracy milieu to understand better what the contemporary appeal of conspiracy theories is. Conspiracy theories have become popular cultural products, endorsed and shared by significant segments of Western societies. Yet our understanding of who these people are and why they are attracted by these alternative explanations of reality is hampered by their implicit and explicit pathologization. Drawing on a wide variety of empirical sources, this book shows in rich detail what conspiracy theories are about, which people are involved, how they see themselves, and what they practically do with these ideas in their everyday lives. The author inductively develops from these concrete descriptions more general theorizations of how to understand this burgeoning subculture. He

concludes by situating conspiracy culture in an age of epistemic instability where societal conflicts over knowledge abound, and the Truth is no longer assured, but "out there" for us to grapple with. This book will be an important source for students and scholars from a range of disciplines interested in the depth and complexity of conspiracy culture, including Anthropology, Cultural Studies, Communication Studies, Ethnology, Folklore Studies, History, Media Studies, Political Science, Psychology and Sociology. More broadly, this study speaks to contemporary (public) debates about truth and knowledge in a supposedly post-truth era, including widespread popular distrusts towards elites, mainstream institutions and their knowledge.

Veterinary Immunology: Principles and Practice has become the adopted text in numerous veterinary schools throughout the world. Widely updated with advances in knowledge since 2011, this second edition reflects the rapid development in the field. The new edition presents expanded information on commonly used diagnostic test procedures and discusses

Forensic Analysis of Tattoos and Tattoo Inks is the single most comprehensive resource on the analysis of tattoo inks and use of tattoos as a tool in forensic investigations and criminalistics. The book begins with a history of tattoos and tattoo inks, and covers the use of tattoos throughout time as aids in the

identification of individuals. It pr

Modern Mandarin Chinese Grammar Workbook is a book of exercises and language tasks for all learners of Mandarin Chinese. Divided into two sections, the Workbook initially provides exercises based on essential grammatical structures, and moves on to practice everyday functions such as making introductions, apologizing and expressing needs. With an extensive answer key at the back to enable students to check on their progress, main features include: exercises at various levels of challenge for a broad range of learners cross-referencing to the related Modern Mandarin Chinese Grammar a comprehensive index to exercises alphabetically arranged in terms of structures, functions, and key Chinese structure vocabulary. This second edition also offers a revised and expanded selection of exercises including new task-based exercises. Modern Mandarin Chinese Grammar Workbook is ideal for all learners of Mandarin Chinese, from beginner to intermediate and advanced students. It can be used both independently and alongside the Modern Mandarin Chinese Grammar (978-0-415-82714-0), which is also published by Routledge.

Contains nearly 600 brief entries on the world's religious traditions.

Humor in the Classroom provides practical, research-based answers to questions that educational researchers and language teachers might have about the social

and cognitive benefits that humor and language play afford in classroom discourse and additional language learning. The book considers the ways in which humor, language play, and creativity can construct new possibilities for classroom identity, critique prevailing norms, and reconfigure particular relations of power. *Humor in the Classroom* encourages educational researchers and language teachers to take a fresh look at the workings of humor in today's linguistically diverse classrooms and makes the argument for its role in building a stronger foundation for studies of classroom discourse, theories of additional language development, and approaches to language pedagogy.

During the 1920s, sound revolutionized the motion picture industry and cinema continued as one of the most significant and popular forms of mass entertainment in the world. Film studios were transformed into major corporations, hiring a host of craftsmen and technicians including cinematographers, editors, screenwriters, and set designers. The birth of the star system supported the meteoric rise and celebrity status of actors including Charlie Chaplin, Mary Pickford, Joan Crawford, Greta Garbo, and Rudolph Valentino while black performers (relegated to "race films") appeared infrequently in mainstream movies. The classic Hollywood film style was perfected and significant film genres were established: the melodrama, western, historical epic, and romantic comedy, along with slapstick, science fiction, and fantasy. In ten original essays,

American Cinema of the 1920s examines the film industry's continued growth and prosperity while focusing on important themes of the era.

This award-winning grammar course book provides the basis for linguistic courses and projects on translation, contrastive linguistics, stylistics, reading and discourse studies. Accessible and reader-friendly throughout, key features include: chapters divided into modules of class-length materials each new concept clearly explained and highlighted authentic texts from a wide range of sources, both spoken and written, to illustrate grammatical usage clear chapter and module summaries enabling efficient class preparation and student revision.

Gas Turbines Modeling, Simulation, and Control: Using Artificial Neural Networks provides new approaches and novel solutions to the modeling, simulation, and control of gas turbines (GTs) using artificial neural networks (ANNs). After delivering a brief introduction to GT performance and classification, the book: Outlines important criteria to consi

Whether you're new to After Effects and want to get up to speed quickly, or already a user who needs to become familiar with the new features, After Effects Apprentice was created for you. With 12 core lessons including a trio of projects combining After Effects with CINEMA 4D Lite, you'll learn how to tap this program's vast potential – whether you create motion graphics for network television, corporate communications, or your own projects. Fully updated to cover the major new features added in After Effects CC,

this edition of the book presents a professional perspective on the most important features a motion graphics artist needs to master in order to use After Effects effectively. You'll learn to creatively combine layers; animate eye-catching titles; manipulate 3D space; color key, track or rotoscope existing footage to add new elements; and use effects to generate excitement or enhance the realism of a scene. Easy to follow, step-by-step instructions guide you through the features, with explanations of the "why" instead of just the "how" behind each technique. You'll learn more than just the tools; you'll learn skills that you can immediately put to work expressing your own ideas in your productions. USER LEVEL: Novice–Intermediate Topics include how to:

- Animate, edit, layer, and composite a variety of media.
- Manipulate keyframes and the way they interpolate to create more refined animations.
- Use masks, mattes, stencils and blending modes to add sophistication to your imagery.
- Create, animate, and extrude text and shape layers.
- Explore 3D space, including using CINEMA 4D Lite.
- Use tracking and keying to create special effects, such as replacing screen displays.

A companion website at www.routledge.com/cw/meyer makes available for download all exercise source material and After Effects CC project files required to get the most out of this book.

The clock plays a significant part in our understanding of temporality, but while it simplifies, regulates and coordinates, it fails to reflect and communicate the more experiential dimensions of time. As Helen Powell demonstrates in this book, cinema

has been addressing this issue since its inception. *Stop the Clocks!* examines filmmakers' relationship to time and its visual manipulation and representation from the birth of the medium to the digital present. It engages both with experimentation in narrative construction and with films that take time as their subject matter, such as *Donnie Darko*, *Interview with a Vampire*, *Lost Highway* and *Pulp Fiction*. Helen Powell asks what underpins the enduring appeal of the science fiction genre with filmmakers and audience and how cinematography might inform our conceptualisation of other imagined temporal worlds, including the afterlife. She examines the role of angels and vampires in contemporary cinema, as well as the distinctive time schemes of new media and their implications for rethinking time and the moving image through digitalisation. Broad based and accessible, *Stop the Clocks!* will appeal to a wide interdisciplinary audience and provides a useful sourcebook on undergraduate and postgraduate courses in film and other arts and media-based disciplines.

Game Studies is a rapidly growing area of contemporary scholarship, yet volumes in the area have tended to focus on more general issues. With *Playing with the Past*, game studies is taken to the next level by offering a specific and detailed analysis of one area of digital game play -- the representation of history. The collection focuses on the ways in which gamers engage with, play with, recreate, subvert, reverse and direct the historical past, and what effect this has on the ways in which we go about constructing the present or imagining a future. What can World War Two strategy

games teach us about the reality of this complex and multifaceted period? Do the possibilities of playing with the past change the way we understand history? If we embody a colonialist's perspective to conquer 'primitive' tribes in Colonization, does this privilege a distinct way of viewing history as benevolent intervention over imperialist expansion? The fusion of these two fields allows the editors to pose new questions about the ways in which gamers interact with their game worlds. Drawing these threads together, the collection concludes by asking whether digital games - which represent history or historical change - alter the way we, today, understand history itself.

The manner in which criminal investigators are trained is neither uniform nor consistent, ranging from sophisticated training protocols in some departments to on-the-job experience alongside senior investigators in others. Ideal for students taking a first course in the subject as well as professionals in need of a refresher, Introduction to Crimin

This third edition of the best-selling *Theories in Second Language Acquisition* surveys the major theories currently used in second language acquisition (SLA) research, serving as an ideal introductory text for undergraduate and graduate students in SLA and language teaching. Designed to provide a consistent and coherent presentation for those seeking a basic understanding of the theories that underlie contemporary SLA research, each chapter focuses on a single theory. Chapters are written by leading scholars in the field and incorporate a basic foundational description of the theory,

relevant data or research models used with this theory, common misunderstandings, and a sample study from the field to show the theory in practice. New to this edition is a chapter addressing the relationship between theories and L2 teaching, as well as refreshed coverage of all theories throughout the book. A key work in the study of second language acquisition, this volume will be useful to students of linguistics, language and language teaching, and to researchers as a guide to theoretical work outside their respective domains.

Robert Brown helps us see that a "thermally comfortable microclimate" is the very foundation of well-designed and well-used outdoor places. Brown argues that as we try to minimize human-induced changes to the climate and reduce our dependence on fossil fuels-as some areas become warmer, some cooler, some wetter, and some drier, and all become more expensive to regulate-good microclimate design will become increasingly important. In the future, according to Brown, all designers will need to understand climatic issues and be able to respond to their challenges. Brown describes the effects that climate has on outdoor spaces-using vivid illustrations and examples-while providing practical tools that can be used in everyday design practice. The heart of the book is Brown's own design process, as he provides useful guidelines that lead designers clearly through the complexity of climate data, precedents, site assessment, microclimate modification, communication, design, and evaluation. Brown strikes an ideal balance of technical information, anecdotes, examples, and illustrations to keep

the book engaging and accessible. His emphasis throughout is on creating microclimates that attend to the comfort, health, and well-being of people, animals, and plants. Design with Microclimate is a vital resource for students and practitioners in landscape architecture, architecture, planning, and urban design.

Dance Music Manual Tools, Toys, and Techniques Routledge

The Second Edition of Ken Guest's Cultural Anthropology: A Toolkit for a Global Age covers the concepts that drive cultural anthropology by showing that now, more than ever, global forces affect local culture and the tools of cultural anthropology are relevant to living in a globalizing world.

This book discusses important aspects of fixed income securities in emerging economies. Key features

- Clarifies all conceptual and analytical aspects of fixed income securities and bonds, and covers important interest rate and credit derivative instruments in a simple and practical way.
- Examines topics such as classifications of fixed income instruments; related risk-return measures; yield curve and term structure of interest rates; interest rate derivatives (forwards, futures and swaps), credit derivatives (credit default swaps); and trading strategies and risk management.
- Provides step-by-step explanation of fixed income products by including real-life examples, scenarios and cases, especially in the context of emerging markets.
- Presents consistent reference of actual

market practices to make the chapters practice oriented while maintaining a lucid style complemented by adequate reading inputs and clear learning outcomes. • Includes complete solutions of numericals and cases for all chapters as an eResource on the Routledge website to aid understanding. The book will serve as a ready guide to both professionals from banking and finance industry (fixed income/bond dealers; fund/investment/portfolio managers; investment bankers; financial analysts/consultants; risk management specialists), and those in academics, including students, research scholars, and teachers in the fields of business management, banking, insurance, finance, financial economics, business economics, and risk management.

This book provides a comprehensive overview of Celtic mythology and religion, encompassing numerous aspects of ritual and belief. Topics include the presence of the Celtic Otherworld and its inhabitants, cosmology and sacred cycles, wisdom texts, mythological symbolism, folklore and legends, and an appreciation of the natural world. Evidence is drawn from the archaeology of sacred sites, ethnographic accounts of the ancient Celts and their beliefs, medieval manuscripts, poetic and visionary literature, and early modern accounts of folk healers and seers. New translations of poems, prayers, inscriptions and songs from the early period (Gaulish, Old Irish and Middle Welsh) as well as the

folklore tradition (Modern Irish, Scottish Gaelic, Welsh, Cornish, Breton and Manx) complement the text. Information of this kind has never before been collected as a compendium of the indigenous wisdom of the Celtic-speaking peoples, whose traditions have endured in various forms for almost three thousand years.

Biotechnology revolutionized traditional plant breeding programs. This rapid change produced new discussions on techniques and opportunities for commerce, as well as a fear of the unknown. *Plant Development and Biotechnology* addresses the major issues of the field, with chapters on broad topics written by specialists. The book applies an informal style that addresses the major aspects of development and biotechnology with minimal references, without sacrificing information or accuracy. Divided into five primary parts, this volume explores how the field emerged from its early theoretical base to the technical discipline of today. It also covers progress being made with genetically engineered plants, providing a snapshot of the field's controversial present. Part III discusses methods for preparing media, creating solutions and dilutions, and accomplishing sterile culture work. It investigates common methods for visualizing and documenting studies, and quantifying responses of tissue culture in research. Part IV delivers the essential foundation of plant tissue culture,

introducing the three types of commonly used culture regeneration systems. Part V integrates propagation techniques with other methodologies for the modification and manipulation of germplasm. Part VI concludes with special sections. Subjects include in vitro plant pathology, recent research into genetic and phenotypic variation, the mechanics of commercial plant production, and the importance of clean cultures and problems associated with maintaining in vitro cultures. The final chapter analyzes entrepreneurship in the field and outlines the do's and don'ts to consider when launching an enterprise.

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