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Landscape and Agency Enriching Urban Spaces with Ambient Computing, the Internet of Things, and Smart City Design The Oxford Handbook of Improvisation in Dance Making Meaning with Machines Citizen, Territory and Technologies: Smart Learning Contexts and Practices Outdoor Environments for People Routledge Handbook of Sport and Corporate Social Responsibility Focus On: 100 Most Popular Bundesliga Players Managing Sport Business Routledge Handbook of Football Studies Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations for 2015 Niger Advanced Theory and Practice in Sport Marketing Handbook of Biometrics for Forensic Science Global Credit Review Focus On: 100 Most Popular Shooting Guards CSR und Fußball Protein-Nucleic Acids Interactions 5 Steps to a 5 AP European History, 2010-2011 Edition Proceedings of International Conference on Frontiers in Computing and Systems Encyclopedia of Bioinformatics and Computational Biology e-Pedia: Captain America: Civil War Basics in Primary Knee Arthroplasty Comprehensive Foodomics Maintenance of Genome Integrity: DNA Damage Sensing, Signaling, Repair and Replication in Plants Military Injury Biomechanics Hybrid Biomolecular Modeling Maternal Child Nursing Care in Canada - E-Book The Female Athlete, An Issue of Clinics in Sports Medicine, E-Book Economic Modeling Using Artificial Intelligence Methods Laboratory Animal Anaesthesia and Analgesia Prediction and Management of Severe Acute Pancreatitis Methods in Paleoecology Harm to Others Evaluating Social Media Marketing Behind the Badge Manual of Musculoskeletal Ultrasound Hematology Clinical Application of Artificial Intelligence in Emergency and Critical Care Medicine, Volume II Reperfusion Therapy for Acute Ischemic Stroke

Landscape and Agency 2017-10-16 landscape and agency explores how landscape as an idea a visual medium and a design practice is organized appropriated and framed in the transformation of places from the local to the global it highlights how the development of the idea of agency in landscape theory and practice can fundamentally change our engagement with future landscapes including a wide range of international contributions each illustrated chapter investigates the many ways in which the relationship between the ideas and practices of landscape and social and subjective formations and material processes are invested with agency they critically examine the role of landscape in processes of contemporary urban development environmental debate and political agendas and explore how these relations can be analysed and rethought through a dialogue between theory and practice

Enriching Urban Spaces with Ambient Computing, the Internet of Things, and Smart City Design 2016-10-06 in recent years the presence of ubiquitous computing has increasingly integrated into the lives of people in modern society as these technologies become more pervasive new opportunities open for making citizens environments more comfortable convenient and efficient enriching urban spaces with ambient computing the internet of things and smart city design is a pivotal reference source for the latest scholarly material on the interaction between people and computing systems in contemporary society showcasing how ubiquitous computing influences and shapes urban environments highlighting the impacts of these emerging technologies from an interdisciplinary perspective this book is ideally designed for professionals researchers academicians and practitioners interested in the influential state of pervasive computing within urban contexts

The Oxford Handbook of Improvisation in Dance 2019-02-21 from the dance floor of a tango club to group therapy classes from ballet to community theatre improvised dance is everywhere for some dance artists improvisation is one of many approaches within the choreographic process for others it is a performance form in its own right and while it has long been practiced it is only within the last twenty years that dance improvisation has become a topic of critical inquiry with the oxford handbook of improvisation in dance dancer teacher and editor vida l midgelow provides a cutting edge volume on dance improvisation in all its facets expanding beyond conventional dance frameworks this handbook looks at the ways that dance improvisation practices reflect our ability to adapt communicate and respond to our environment throughout the handbook case studies from a variety of disciplines showcase the role of individual agency and collective relationships in improvisation not just to dancers but to people of all backgrounds and abilities in doing so chapters celebrate all forms of improvisation and unravel the ways that this kind of movement informs understandings of history socio cultural conditions lived experience cognition and technologies

Making Meaning with Machines 2023-10-10 a rigorous primer in movement studies for designers engineers and scientists that draws on the fields of dance and robotics how should a gestural interface react to a flick versus a dab versus a punch should robots reach out to a human counterpart with a direct telescoping action or through a circuitous arc in space just as different movements express the different internal states of human movers so too can the engineered systems behind robots in making meaning with machines amy laviers and catherine maguire offer a refreshingly embodied approach to machine design that supports the growing need to make meaning with machines by using the field of movement studies including choreography somatics and notation to engage in the process of designing expressive robots drawing upon the laban bartenieff tradition laviers and maguire sharpen the movement analysis methodology expanding the material through their work with machines and putting forward new conventions such as capitalization naming and notation schemes that make the embodied work more legible for academic contexts the book includes an

overview of movement studies exercises that define the presented taxonomy and principles of movement case studies in movement analysis of both humans and robots and state of the art research at the intersection of robotics and dance making meaning with machines is a much needed primer for observing describing and creating a wide array of movement patterns which ultimately can help facilitate broader and better design choices for roboticists technologists and designers

Citizen, Territory and Technologies: Smart Learning Contexts and Practices 2017-06-21 this book gathers a selection of the articles accepted for presentation and discussion at the 2nd international conference on smart learning ecosystems and regional developments slerd 2017 held 22 23 june what characterizes smart learning ecosystems what is their role in city and regional development and innovation how can we promote the engagement of citizens in smart learning ecosystems these are some of the questions addressed at slerd 2017 and documented here the proceedings include scientific papers that endeavor to understand devise and promote innovative human centric design and development methods education training practices informal social learning and citizen driven policies the individual papers elaborate on the notion of smart learning ecosystems study the relation of smart learning ecosystems with as such they help to foster the social innovation sectors information and communication technology ict and economic development and deployment strategies alongside new policies for smarter proactive citizens making them a valuable resource for researchers and policymakers alike

Outdoor Environments for People 2023-09-06 outdoor environments for people addresses the everyday human behavior in outdoor built environments and explains how designers can learn about and incorporate their knowledge into places they help to create bridging research and practice and drawing from disciplines such as environmental psychology cultural geography and sociology the book provides an overview of theories such as personal space territoriality privacy and place attachment that are explored in the context of outdoor environments and in particular the landscape architecture profession authors share the impact that place design can have on individuals and communities with regard to health safety and belonging beautifully designed and highly illustrated in full color this book presents analysis community engagement and design processes for understanding and incorporating the social and psychological influences of an environment and discusses examples of outdoor place design that skillfully respond to human factors as a textbook for landscape architecture students and a reference for practitioners it includes chapters addressing different realms of people place relationships examples of theoretical applications case studies and exercises that can be incorporated into any number of design courses contemporary design examples organized by place type and illustrating key human factor principles provide valuable guidance and suggestions outdoor environments for people is a must have resource for students instructors and professionals within landscape architecture and the surrounding disciplines

Routledge Handbook of Sport and Corporate Social Responsibility 2013-07-18 as the role of sport in society becomes ever more prominent and as sports organisations become increasingly influential members of the global community so it has become more important than ever for sport to consider its wider social responsibilities the routledge handbook of sport and corporate social responsibility is the first book to offer a comprehensive survey of theories and concepts of csr as applied to sport and the social ethical and environmental aspects of sport business and management it offers an overview of perspectives and approaches to csr in sport examines the unique features of the sport industry in relation to csr explores the tools models common pitfalls and examples of best practice on which managers can draw and discusses how csr and corporate citizenship can be integrated into the sport management

curriculum the book covers every key issue and functional area including implementation strategic benefits communication and corporate image stakeholder engagement and the measurement and evaluation of csr policies and practices and includes detailed international case studies from the nba and the olympic games to japanese soccer the routledge handbook of sport and corporate social responsibility is important reading for any student researcher manager or policy maker with an interest in sport business management ethics or development

Focus On: 100 Most Popular Bundesliga Players 2018-05-11 contemporary sport is both a sophisticated and complex international business and a mass participatory practice run largely by volunteers and community organisations now in a fully revised and expanded second edition this authoritative and comprehensive introduction to the theory and practice of sports management helps to explain the modern commercial environment that shapes sport at all levels and gives clear and sensible guidance on best practice in sports management from elite sport to the local level the first section examines the global context for contemporary sports management the second explores the key functional areas of management from organisation and strategy to finance and marketing and explains how successful managerial techniques can be applied in a sporting context the final section surveys a wide range of important issues in contemporary sports management from corporate social responsibility to the use of information and communication technologies together these sections provide a complete package of theory applied practical skills and a state of the art review of modern sport business complemented by a companion website full of additional resources this book is essential reading for all students of sport management and sport business

Managing Sport Business 2016-10-04 football is unquestionably the world s most popular and influential sport there is no corner of the globe in which the game is not played or followed more countries are affiliated to fifa football s governing body than to the united nations the sport has therefore become an important component of our social cultural political and economic life the routledge handbook of football studies is a landmark work of reference going further than any other book in considering the historical and contemporary significance of football around the world written by a team of leading sport scholars the book covers a broad range of disciplines from history sociology politics and business to philosophy law and media studies the central section of the book examines key themes and issues in football studies such as the world cup and international competition governance and ownership fandom and celebrity the concluding section offers in depth surveys of the culture and organisation of football in each of the regional confederations from uefa to concacaf this book will be fascinating reading for any serious football fan and an essential resource for advanced students or scholars undertaking research in football or sport studies and any practitioner or policy maker working in football

Routledge Handbook of Football Studies 2014 this paper provides details of public expenditure and financial accountability pefa assessment report for niger the measurement of the public financial management performance indicators shows that progress has been insignificant reform programs in progress in the area of oversight and external auditing are moving ahead as this trend continues the progress will be reflected in the scores of subsequent assessments however the progress of the external audit will continue to depend on positive trends in the area of accounting information recording and financial reporting

Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations for 2015 2013-09-16 effective marketing is essential for any successful sport organization from elite international teams to local leagues now in a fully

revised and updated third edition advanced theory and practice in sport marketing is still the only text to introduce key theory and best practice at an advanced level this new edition goes beyond the introductory marketing course by exploring advanced marketing theories related to social responsibility global issues information systems consumer behavior product management logistics sales promotions and social digital mobile media new to the edition are sections on branding destination marketing and performance evaluation that demonstrate how to measure impacts through sport marketing and how to use analytics to determine sport marketing success every chapter contains extended case studies and theory to practice insights from marketing professionals around the world and a companion website includes an impressive array of additional teaching and learning resources advanced theory and practice in sport marketing goes further than any other textbook to prepare students for the real world of sport marketing it is essential reading for any upper level undergraduate or postgraduate course in sport marketing or sport business

Niger 2017-12-18 this comprehensive handbook addresses the sophisticated forensic threats and challenges that have arisen in the modern digital age and reviews the new computing solutions that have been proposed to tackle them these include identity related scenarios which cannot be solved with traditional approaches such as attacks on security systems and the identification of abnormal dangerous behaviors from remote cameras features provides an in depth analysis of the state of the art together with a broad review of the available technologies and their potential applications discusses potential future developments in the adoption of advanced technologies for the automated or semi automated analysis of forensic traces presents a particular focus on the acquisition and processing of data from real world forensic cases offers an holistic perspective integrating work from different research institutions and combining viewpoints from both biometric technologies and forensic science

Advanced Theory and Practice in Sport Marketing 2017-02-01 global credit review is an annual publication that provides an overview of the most important developments in global credit markets and the regulatory landscape the third volume provides some critical analysis reviews the introduction of new regulations and also offers new insights to address the challenges ahead the carefully selected chapters touch on current topics such as the measurement of systemic risk reserve requirements and its role in monetary policy the application of the basel ii default definition by credit risk assessment systems and changes in credit portfolio management amongst others recent evolutions of the risk management institute s credit research initiative are also reported including a comprehensive overview of the technical details on the implementation of the current rmi cri corporate default prediction model with its distinctive focus on topics related to credit markets and credit risk this is an invaluable publication for finance professionals policy makers and academics with an interest in credit markets contents systemic risk in europe eric jondeau and michael rockinger changes in the ratings game an update on various developments rmi staff reserve requirements as window guidance in china violaine cousin the implementation of the basel ii default definition by credit risk assessment systems an analysis of possible aggregation procedures markus bingmer and laura auria can credit scoring models effectively predict microloans default statistical evidence from the tunisian microfinance bank ibtissem baklouti and abdefettah bouri stepping up to the liquidity challenge the changing role of credit portfolio management iacpm and kpmg nus rmi credit research initiative technical report version 2013 update 2b rmi staff readership finance professionals policy makers and academics with an interest in credit markets keywords systemic risk marginal expected shortfall multi factor model volatility correlation regulations credit rating alternatives recommendations lawsuits sovereign ratings non performing loans reserve requirements monetary policy china banks asset quality central bank bank regulation window guidance basel ii default

definition materiality probability of default aggregation of default information credit scoring micro credit default risk logistic regression tunisian microfinance bank credit portfolio management funding liquidity management asset and liability management capital liquidity liquidity coverage ratiokey features a distinctive focus on credit risk related topics that are relevant for academics policymakers and practitioners linking rigorous theoretical and empirical research with clear practical implicationsan annual update on global credit market dynamics and financial regulationstouches on current topics such as the measurement of systemic risk the role of reserve requirements in monetary policy and changes in credit portfolio management

Handbook of Biometrics for Forensic Science 2013-12-30 dieses buch über nachhaltiges management zeigt csr maßnahmen im fußball corporate social responsibility spielt für die akteure im profifußball eine immer größere rolle durch die professionalität sind vereine und verbände inzwischen auch unternehmen die auf den eigenen wettbewerbsvorteil bedacht sind dieses buch über nachhaltiges management beschreibt perspektiven potenziale und herausforderungen im kontext des fußballs sowie seinem umfeld und zeigt die einzelnen sichten unterschiedlicher akteure eine kritische auseinandersetzung mit aktueller forschungsliteratur zu diesem thema integriert außerdem den blick der wissenschaft auf dieses themengebiet fußball darf nicht mehr nur aus sportlicher sicht bewertet werden vereine im profifußball werden nicht mehr nur als reine sportclubs betrachtet sondern müssen auch aus ökonomischer sicht bewertet werden nur so können sie auf dauer erfolgreich bleiben das wirtschaftliche begünstigt dabei den sportlichen faktor enorm es spielt jedoch auch mehr und mehr die gesellschaftliche verantwortung eine rolle ein nachhaltiges marketing kann daher die marke eines vereins stärken und wiederum zu steigendem umsatz führen dieses buch über nachhaltiges management erläutert die vorteile von csr für vereine im detail und zeigt wie diese potentiale ausgeschöpft werden können diese konkreten inhalte thematisiert das buch die beiden herausgeber haben sich mit fragestellungen in unterschiedlichen themenbereichen beschäftigt diese werden stets auch aus wissenschaftlichem aspekt heraus betrachtet dazu gehören unter anderem bildung markenentwicklung nachwuchsförderung die themen werden jeweils vor dem hintergrund der nachhaltigkeit betrachtet ziel ist es verantwortliche des sportmanagements für die ökonomischen sozialen und ökologischen herausforderungen zu sensibilisieren einblicke in die arbeit von fußballclubs der 1 und 2 bundesliga geben praktische anleitungen für die umsetzung in der praxis

Global Credit Review 2018-10-10 published continuously since 1944 the advances in protein chemistry and structural biology serial has been a continuous essential resource for protein chemists covering reviews of methodology and research in all aspects of protein chemistry including purification expression proteomics modeling and structural determination and design each volume brings forth new information about protocols and analysis of proteins while presenting the most recent findings from leading experts in a broad range of protein related topics covers reviews of methodology and research in all aspects of protein chemistry brings forth new information about protocols and analysis of proteins while presenting the most recent findings from leading experts in a broad range of protein related topics

Focus On: 100 Most Popular Shooting Guards 2013-06-19 a perfect plan for the perfect score we want you to succeed on your ap exam that s why we ve created this 5 step plan to help you study more effectively use your preparation time wisely and get your best score this easy to follow guide offers you a complete review of your ap course strategies to give you the edge on test day and plenty of practice with ap style test questions you ll sharpen your subject knowledge strengthen your thinking skills and build your test taking confidence with full length practice exams modeled on the real test all the terms and concepts you need to know to get your best score

your choice of three customized study schedules so you can pick the one that meets your needs the 5 step plan helps you get the most out of your study time step 1 set up your study program step 2 determine your readiness step 3 develop the strategies step 4 review the knowledge step 5 build your confidence topics include recovery and expansion 1300 1600 the renaissance 1350 1550 the reformation 1500 1600 the rise of sovereignty 1600 1715 the scientific revolution during the seventeenth century the enlightenment a cultural movement during the eighteenth century social transformation and statebuilding in the eighteenth century the french revolution and the rise of napoleon 1789 1799 the fall of napoleon and the post napoleonic era 1800 1848 the second industrial revolution 1820 1900 the rise of new ideologies in the nineteenth century nationalism and statebuilding 1848 1900 mass politics and imperialism in africa and asia 1860 1914 politics of the extreme and world war i 1870 1918 the interwar years and world war ii 1918 1945 and the cold war and beyond 1945 present also includes practice tests ap advanced placement program and college board are registered trademarks of the college entrance examination board which was not involved in the production of and does not endorse this product

CSR und Fußball 2010-01-01 this book gathers outstanding research papers presented at the 2nd international conference on frontiers in computing and systems comsys 2021 organized by department of electronics and communication engineering and department of information technology north eastern hill university shillong meghalaya india held during september 29 october 1 2021 the book presents the latest research and results in various fields of machine learning computational intelligence vlsi networks and systems computational biology and security making it a rich source of reference material for academia and industry alike

Protein-Nucleic Acids Interactions 2022-06-27 encyclopedia of bioinformatics and computational biology abc of bioinformatics three volume set combines elements of computer science information technology mathematics statistics and biotechnology providing the methodology and in silico solutions to mine biological data and processes the book covers theory topics and applications with a special focus on integrative omics and systems biology the theoretical methodological underpinnings of bcb including phylogeny are covered as are more current areas of focus such as translational bioinformatics cheminformatics and environmental informatics finally applications provide guidance for commonly asked questions this major reference work spans basic and cutting edge methodologies authored by leaders in the field providing an invaluable resource for students scientists professionals in research institutes and a broad swath of researchers in biotechnology and the biomedical and pharmaceutical industries brings together information from computer science information technology mathematics statistics and biotechnology written and reviewed by leading experts in the field providing a unique and authoritative resource focuses on the main theoretical and methodological concepts before expanding on specific topics and applications includes interactive images multimedia tools and crosslinking to further resources and databases

5 Steps to a 5 AP European History, 2010-2011 Edition 2018-08-21 this carefully crafted ebook is formatted for your ereader with a functional and detailed table of contents captain america civil war is a 2016 american superhero film based on the marvel comics character captain america produced by marvel studios and distributed by walt disney studios motion pictures it is the sequel to 2011 s captain america the first avenger and 2014 s captain america the winter soldier and the thirteenth film of the marvel cinematic universe mcu the film is directed by anthony and joe russo with a screenplay by christopher markus stephen mcfeely and features an ensemble cast including chris evans robert downey jr scarlett johansson sebastian stan anthony mackie don cheadle jeremy renner chadwick boseman paul bettany elizabeth olsen paul rudd emily vancamp tom holland frank grillo william hurt and daniel brühl in

captain america civil war disagreement over international oversight of the avengers fractures them into opposing factions one led by steve rogers and the other by tony stark this book has been derived from wikipedia it contains the entire text of the title wikipedia article the entire text of all the 634 related linked wikipedia articles to the title article this book does not contain illustrations

Proceedings of International Conference on Frontiers in Computing and Systems 2017-02-11 this book supplies all the information that the young orthopaedic surgeon needs to know when preparing to perform total or partial knee replacement for the first time and also provides more experienced surgeons with a comprehensive general update on the basics after an opening section on anatomy and kinematics of the knee patient management during the pre peri and postoperative phases is covered in detail with the aid of numerous illustrations the final section considers postoperative patient evaluation outcome measurements and the value of registries readers will gain a sound understanding of the scientific basis underlying management decisions of component design philosophies and of the rationale for preferences such as mechanical alignment and ligament balancing the pros and cons of a variety of management choices are explained and guidance provided on patient selection surgical techniques are presented on high quality videos and many tips and tricks are highlighted to help the inexperienced to cope with challenging situations

Encyclopedia of Bioinformatics and Computational Biology 2022-04-05 comprehensive foodomics three volume set offers a definitive collection of over 150 articles that provide researchers with innovative answers to crucial questions relating to food quality safety and its vital and complex links to our health topics covered include transcriptomics proteomics metabolomics genomics green foodomics epigenetics and noncoding rna food safety food bioactivity and health food quality and traceability data treatment and systems biology logically structured into 10 focused sections each article is authored by world leading scientists who cover the whole breadth of omics and related technologies including the latest advances and applications by bringing all this information together in an easily navigable reference food scientists and nutritionists in both academia and industry will find it the perfect modern day compendium for frequent reference list of sections and section editors genomics olivia mcauliffe dept of food biosciences moorepark fermoy co cork ireland epigenetics noncoding rna juan cui department of computer science engineering university of nebraska lincoln lincoln ne transcriptomics robert henry queensland alliance for agriculture and food innovation the university of queensland st lucia australia proteomics jens brockmeyer institute of biochemistry and technical biochemistry university stuttgart germany metabolomics philippe schmitt kopplin research unit analytical biogeochemistry neuherberg germany omics data treatment system biology and foodomics carlos leon canseco visiting professor biomedical engineering universidad carlos iii de madrid green foodomics elena ibanez foodomics lab cial csic madrid spain food safety and foodomics djuro josic professor medicine research warren alpert medical school brown university providence ri usa sandra kraljevic pavelic university of rijeka department of biotechnology rijeka croatia food quality traceability and foodomics daniel cozzolino centre for nutrition and food sciences the university of queensland queensland australia food bioactivity health and foodomics miguel herrero department of bioactivity and food analysis foodomics lab cial csic madrid spain brings all relevant foodomics information together in one place offering readers a one stop comprehensive resource for access to a wealth of information includes articles written by academics and practitioners from various fields and regions provides an ideal resource for students researchers and professionals who need to find relevant information quickly and easily includes content from high quality authors from across the globe

e-Pedia: Captain America: Civil War 2020-11-12 environmental stresses and metabolic by products can severely affect the integrity of

genetic information by inducing dna damage and impairing genome stability as a consequence plant growth and productivity are irreversibly compromised to overcome genotoxic injury plants have evolved complex strategies relying on a highly efficient repair machinery that responds to sophisticated damage perception signaling networks the dna damage signaling network contains several key components dna damage sensors signal transducers mediators and effectors most of these components are common to other eukaryotes but some features are unique to the plant kingdom atm and atr are well conserved members of pikk family which amplify and transduce signals to downstream effectors atm primarily responds to dna double strand breaks while atr responds to various forms of dna damage the signals from the activated transducer kinases are transmitted to the downstream cell cycle regulators such as chk1 chk2 and p53 in many eukaryotes however plants have no homologue of chk1 chk2 nor p53 the finding of arabidopsis transcription factor sog1 that seems functionally but not structurally similar to p53 suggests that plants have developed unique cell cycle regulation mechanism the double strand break repair recombination repair postreplication repair and lesion bypass have been investigated in several plants the dna double strand break a most critical damage for organisms are repaired non homologous end joining nhej or homologous recombination hr pathway damage on template dna makes replication stall which is processed by translesion synthesis tls or error free postreplication repair ppr pathway deletion of the error prone tls polymerase reduces mutation frequencies suggesting ppr maintains the stalled replication fork when tls is not available unveiling the regulation networks among these multiple pathways would be the next challenge to be completed some intriguing issues have been disclosed such as the cross talk between dna repair senescence and pathogen response and the involvement of non coding rnas in global genome stability several studies have highlighted the essential contribution of chromatin remodeling in dna repair dna damage sensing signaling and repair have been investigated in relation to environmental stresses seed quality issues mutation breeding in both model and crop plants and all these studies strengthen the idea that components of the plant response to genotoxic stress might represent tools to improve stress tolerance and field performance this focus issue gives researchers the opportunity to gather and interact by providing mini reviews commentaries opinions original research and method articles which describe the most recent advances and future perspectives in the field of dna damage sensing signaling and repair in plants a comprehensive overview of the current progresses dealing with the genotoxic stress response in plants will be provided looking at cellular and molecular level with multidisciplinary approaches this will hopefully bring together valuable information for both plant biotechnologists and breeders

Basics in Primary Knee Arthroplasty 2016-05-06 military injury biomechanics the cause and prevention of impact injuries is a reference manual where information and data from a large number of sources focussing on injuries related to military events has been critically reviewed and discussed the book covers the cause and prevention of impact injuries to all the major body regions while topics such as the historical background of military impact biomechanics the history and use of anthropomorphic test devices for military applications and the medical management of injuries are also discussed an international team of experts have been brought together to examine and review the topics the book is intended for researchers postgraduate students and others working or studying defence and impact injuries

Comprehensive Foodomics 2017-06-12 models of biomolecular structure and dynamics are often obtained by combining simulation or prediction approaches e g comparative modeling molecular dynamics md simulations normal mode analysis nma etc with experimental approaches e g nuclear magnetic resonance nmr x ray crystallography small angle x ray scattering saxs electron

microscopy em etc such hybrid modeling extends the capabilities of experimental techniques by enriching structural information and facilitating dynamics studies of biomolecules this ebook contains articles on methodological developments applications and challenges of hybrid biomolecular modeling that have been collected in the framework of the frontiers research topic entitled hybrid biomolecular modeling

Maintenance of Genome Integrity: DNA Damage Sensing, Signaling, Repair and Replication in Plants 2019-01-24 featuring the most accurate current and clinically relevant information available maternal child nursing care in canada 2nd edition combines essential maternity and pediatric nursing information in one text the promotion of wellness and the care for women experiencing common health concerns throughout the lifespan care in childbearing as well as the health care of children and child development in the context of the family health problems including physiological dysfunctions and children with special needs and illnesses are also featured this text provides a family centred care approach that recognizes the importance of collaboration with families when providing care atraumatic care boxes in the pediatric unit teach you how to provide competent and effective care to pediatric patients with the least amount of physical or psychological stress nursing alerts point students to critical information that must be considered in providing care community focus boxes emphasize community issues supply resources and guidance and illustrate nursing care in a variety of settings critical thinking case studies offer opportunities to test and develop analytical skills and apply knowledge in various settings emergency boxes guide you through step by step emergency procedures family centred teaching boxes highlight the needs or concerns of families that you should consider to provide family centred care new content updates throughout the text give you the latest information on topics such as perinatal standards mental health issues during pregnancy developmental and neurological issues in pediatrics new guidelines including sogc and capwhn new increased coverage on health care in the lgbtq community and first nations metis and inuit population new medication alerts stress medication safety concerns for better therapeutic management new safety alerts highlighted and integrated within the content draw attention to developing competencies related to safe nursing practice

Military Injury Biomechanics 2016-10-11 this issue of clinics in sports medicine edited by dr siobhan statuta will cover a variety of topics related to the female athlete articles will discuss topics including but not limited to congenital cardiac and nuances concussion overview in female athlete anxiety stress and depression gastrointestinal conditions female athlete triad tetrad training principles to avoid injury in female athletes nutritional concerns exercise in pregnancy and osteopenia in the older female athlete

Hybrid Biomolecular Modeling 2017-09-14 economic modeling using artificial intelligence methods examines the application of artificial intelligence methods to model economic data traditionally economic modeling has been modeled in the linear domain where the principles of superposition are valid the application of artificial intelligence for economic modeling allows for a flexible multi order non linear modeling in addition game theory has largely been applied in economic modeling however the inherent limitation of game theory when dealing with many player games encourages the use of multi agent systems for modeling economic phenomena the artificial intelligence techniques used to model economic data include multi layer perceptron neural networks radial basis functions support vector machines rough sets genetic algorithm particle swarm optimization simulated annealing multi agent system incremental learning fuzzy networks signal processing techniques are explored to analyze economic data and these techniques are the time domain methods time frequency domain methods and fractals dimension approaches interesting economic problems such as causality versus correlation simulating the stock market modeling and controlling inflation option pricing modeling economic growth

as well as portfolio optimization are examined the relationship between economic dependency and interstate conflict is explored and knowledge on how economics is useful to foster peace and vice versa is investigated economic modeling using artificial intelligence methods deals with the issue of causality in the non linear domain and applies the automatic relevance determination the evidence framework bayesian approach and granger causality to understand causality and correlation economic modeling using artificial intelligence methods makes an important contribution to the area of econometrics and is a valuable source of reference for graduate students researchers and financial practitioners

Maternal Child Nursing Care in Canada - E-Book 2013-04-02 laboratory animal anaesthesia and analgesia fifth edition provides a basic guide to anesthesia for a very diverse audience involved in animal testing this has been the go to resource for current clear and evidence based information for over 30 years the book is divided into four parts that deal with preparation for anesthesia including definitions equipment preparations anesthetic and analgesic agents the management and monitoring of anesthesia including pre procedural preparations monitoring and problems and emergencies through the procedure advanced and specialized techniques and analgesia and post operative care including recovery and the prevention and management of post operative pain final sections cover anesthesia in common laboratory species specifically rodents rabbits cats dogs ferrets pigs sheep and goats primates reptiles amphibians and new specific chapters on birds fish and cephalopods this edition keeps up with the tradition of bringing a balanced dose of practical advice foundational content and current updated references drugs and procedures to veterinarians technicians researchers and ethics committee personnel includes an updated list of agents and current anesthetic procedures expanded to cover fish birds and cephalopods provides a new and comprehensive formulary table covering anesthetics and analgesics for all species presented

The Female Athlete, An Issue of Clinics in Sports Medicine, E-Book 2023-02-08 this volume provides a comprehensive summary of the field with expert recommendations on prediction and management it details the recent consensus guidelines 2012 updating the definition of pancreatitis and its complications the text thoughtfully summarizes the current prediction models for severe acute pancreatitis including laboratory clinical and imaging parameters it also highlights the relative advantages and disadvantages of several of these models evidenced based guidelines into medical and surgical management of both the hospitalized and discharged patient are described with recommendations from expert authors pertaining to various clinical situations finally complications of acute pancreatitis and their management including the use of cutting edge minimally invasive therapies is discussed prediction and management of severe acute pancreatitis will serve as the fundamental source for those interested in and treating this disease including practicing gastroenterologists surgeons radiologists intensivists hospitalists and pathologists

Economic Modeling Using Artificial Intelligence Methods 2014-09-10 this volume focuses on the reconstruction of past ecosystems and provides a comprehensive review of current techniques and their application in exemplar studies the 18 chapters address a wide variety of topics that span vertebrate paleobiology and paleoecology body mass postcranial functional morphology evolutionary dental morphology microwear and mesowear ecomorphology mammal community structure analysis contextual paleoenvironmental studies paleosols and sedimentology ichnofossils pollen phytoliths plant macrofossils and special techniques bone microstructure biomineral isotopes inorganic isotopes 3 d morphometrics and ecometric modeling a final chapter discusses how to integrate results of these studies with taphonomic data in order to more accurately characterize an ancient ecosystem current

investigators advanced undergraduates and graduate students interested in the field of paleoecology will find this book immensely useful the length and structure of the volume also makes it suitable for teaching a college level course on reconstructing cenozoic ecosystems

Laboratory Animal Anaesthesia and Analgesia 2018-10-27 harm to others offers students and clinicians an effective way to increase their knowledge of and training in violence risk and threat assessment and it also provides a comprehensive examination of current treatment approaches although the text includes many examples from k 12 and college university settings which are particularly relevant for mental health professionals in school settings the underlying concepts and suggestions are useful for counselors psychologists and social workers who face these issues in their daily practice in an easy to understand jargon free manner dr van brunt shares his observations extensive clinical expertise and the latest research on what clinicians should be aware of when performing risk and threat assessments in addition he offers numerous examples from recent mass shootings and rampage violence to help explain the motivations and risk factors of those who make threats two detailed case examples are presented to illustrate key concepts related to assessing dangerousness treatment options are then described using a variety of diverse case studies to demonstrate concrete approaches for clients who have been identified as at risk for violence following a threat assessment 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

Prediction and Management of Severe Acute Pancreatitis 2014-12-16 this book is an innovative attempt to identify and analyse the processes related to social influence in online buying behaviour with special attention given to the phenomenon of social proof which is the basis of social media recommendation marketing and word of mouth wom marketing it empirically verifies the factors which influence the effectiveness of social proof and identifies relevant impact factors opening with a literature review of this concept from the perspective of social psychology sociology and marketing this interdisciplinary approach to the issue allows for an in depth understanding of the mechanisms of the effective use of social proof in contemporary online marketing following this in the context of theoretical considerations the author analyses the social role and significance of social proof in the buying behaviours of online consumers the second half of the book presents the results of the author s quantitative and qualitative research into the effectiveness of social proof the quantitative research verifies the hypotheses concerning the social role and significance of social proof in buying decisions and identifies the level of confidence in the opinions expressed by other web users the qualitative research focuses on the empirical verification of the effectiveness of social proof mechanisms additionally attention is given to sensitivity to social proof i e the factors that increase the effectiveness of such messages from both the sender s and the recipient s perspective as well as the forms and channels of communication written for scholars and researchers interested in the debate on the transparency of activities carried out by companies in the area of online marketing the book s detailed analysis of influence utilizing both quantitative and qualitative studies may be of interest to a wider group of academics including economists psychologists and sociologists

Methods in Paleoecology 2021-11-24 this volume is the logical follow up to the military treatment handbook living and surviving in harm s way sharon freeman clevenger laurence miller bret moore and arthur freeman return with this dynamic handbook ideal for law enforcement agencies interested in the psychological health of their officers contributors include law enforcement officers with diverse experiences making this handbook accessible to readers from law enforcement backgrounds this authoritative comprehensive

and critical volume on the psychological aspects of police work is a must for anyone affiliated with law enforcement

Harm to Others 2014-11-13 this book is a quick start guide that equips students and professionals with musculoskeletal ultrasound image acquisition basics written in plain language it focuses on the common clinically relevant conditions diagnosable by musculoskeletal ultrasound with many verbal and illustrative mnemonics images and whimsical illustrations the manual provides many different methods to remember complicated anatomy and examination protocols manual of musculoskeletal ultrasound teaches a protocol based approach designed to help people understand why and how we perform musculoskeletal ultrasound studies each chapter covers a different body part and starts with basic anatomy and the clinical questions we want an ultrasound examination of that body part to answer the protocols within each chapter tell the student precisely how and where to move the probe to obtain and optimize images it demonstrates what a normal sonographic image should look like and explains what dynamic or structural issues would be abnormal in certain clinical circumstances the protocol is a checklist that can be practiced on a partner or the reader themselves chapters also discuss pathologic entities discernable on ultrasound pitfalls to avoid and imaging tricks of the trade this manual is invaluable for students and practicing clinicians in rheumatology orthopedics physiatry neurology sports medicine advanced practice and sonography

Evaluating Social Media Marketing 2023-11-13 extensively revised comprehensive content from leading global contributors ensures that hematology 8th edition remains your 1 choice for expert guidance in all areas of this rapidly advancing subspecialty this edition reflects the numerous advances that are redefining the field and dramatically influencing new approaches to diagnosis treatment and outcomes well illustrated and clinically focused it details the basic science and clinical practice of hematology and hematopoietic cellular therapy covering virtually all aspects of hematology in one definitive resource covers all hematologic disorders including comprehensive discussions of hematologic malignancies individualized patient care cell based therapies transplantation transfusion medicine hemostasis thrombosis and consultative hematology in one convenient volume provides state of the art guidance from global experts at the forefront of the latest research and clinical practice provides extensive updates throughout on basic science research advances in molecular diagnostics new drugs immunotherapies personalized medicine laboratory medicine transfusion medicine stem cell transplantation and clinical treatment for all hematologic malignancies and non malignancies contains new chapters on gene editing the impact of mitochondria on hematopoiesis myelodysplastic syndrome myeloproliferative neoplasm overlap syndromes immunotherapy and management of its toxicities transfusion medicine in sickle cell disease principles of radiation therapy and covid 19 including complications of vaccination and its impact on the hematologic system discusses many new advances in the field including details and the future of gene therapy for hemophilia gene editing for sickle cell disease and thalassemia the evolution of cellular therapy use of cells transfusion medicine vs protein therapy gene sequencing immunotherapy and new targeted drugs includes more decision making algorithms for formulating diagnoses and personalized treatment plans for those highly complex disorders that require individualized approaches addresses the effects of aging on hematopoiesis and on the manifestations of a variety of hematologic disorders discusses cardio oncology and its impact on the treatment of patients with hematologic disorders presents relevant basic science as background for clinical application in later sections

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