

Anna University Nov Dec 2017 Exams Grace Marks Details

Digital innovation – involving the Internet, its content and ecosystems of global users – is a rapidly evolving way of creating strategic and societal value. The phenomenon of Open data is on the rise and transforming the fundamental nature of how many industries, companies and governments connect with each other and the end-users of products and services – from increased customer-centric innovations, to winning political campaigns, and managing public health concerns. Open data holds the promise of greater transparency, greater accountability and empowerment of stakeholders. Yet curating and publicly sharing data can be difficult, requires substantive investments in knowledge infrastructures and incentives to do so are not well understood. Who is driving and enabling the open data movement? What motivates organizations to release data and how are they using it to create value? What are the current challenges and how are they being mitigated? What are the decision-frames adopted for sharing data? What are the possible applications and lessons to be learnt from current practices? What is the role of organisational ingredients and culture as a catalyst for adopting and facilitating open data practices? What is the possible impact of semantic web application? By exploring the multiple dimensions of open data and the interplay of economic utility, governance, societal values of fairness and trust, this volume seeks to entice readers by providing evidence-based answers to these questions, among others. Readers are tempted to a progressively revealing and enlightening journey from the conceptualisation to cultural proliferation of the latest trends in knowledge management: open data. Digital Innovation: Harnessing the Value of Open Data draws on practical experiences, bringing together widely distributed and latest knowledge of open data practices as case studies from researchers, academics, industry leaders, policy advisors and

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practitioners. In exploring the economics and technology paradigms, data governance and management practices of digital-centric private and public organizations, this volume sheds light on why there exists a need to embrace open data, what is needed to optimize the value of open data in driving digital innovation and how it is being currently conceived. The book draws a thought-provoking conclusion on open data as a purpose-driven phenomenon, with its disparate applications in a world of where global convergence on information sharing, storing and management are increasingly becoming a norm. Related Link(s)

This book explores the emergence, and in Poland, Hungary, and Russia the coming to power, of politicians and political parties rejecting the consensus around market reforms, democratization, and rule of law that has characterized moves toward an "open society" from the 1990s. It discusses how over the last decade these political actors, together with various think tanks, intellectual circles, and religious actors, have increasingly presented themselves as "conservatives," and outlines how these actors are developing a new local brand of conservatism as a full-fledged ideology that counters the perceived liberal overemphasis on individual rights and freedom, and differs from the ideology of the established, present-day conservative parties of Western Europe. Overall, the book argues that the "renaissance of conservatism" in these countries represents variations on a new, illiberal conservatism that aims to re-establish a strong state sovereignty defining and pursuing a national path of development.

In the modern globalized world of work, society's capitalist and patriarchal norms perpetuate old and create new differences based on gender, class, ethnicity, age, and other social categorizations. This book proposes a novel conceptual framework offering theoretical and methodological insights for thinking through the present and future inequality challenges in the globalized world of work and working life issues in the context of spatio-temporal relations. Bringing together global feminist studies of

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intersectionality and transnationalism, work-life research, and studies of space, place, and identity, this edited collection responds to the growing interest in peripheries, rurality, and other spaces beyond the urban and business market centres. In crossing the theoretical boundaries between intersectionality and peripherality, this volume brings these concepts together to identify how racism, capitalism and heteropatriarchy operate on bodies in the name of work, particularly as expressed in precarious labour conditions. It also advocates for transnational solidarity as part of feminist ethics, while providing an opportunity to reflect on ways forward for feminist intersectional studies of work and working life, drawing on embodied relationality and a feminist ethics of care. *Working Life and Gender Inequality* explores the intersectional nature of gender, class, race and other inequalities from a global and spatial perspective. It will be of value to researchers, academics, students, managers, consultants, and policy makers in the fields of organizational studies, leadership, feminist and gender studies, working life, intersectionality and transnational feminism. This volume brings together an interdisciplinary group of scholars from the United States, the Middle East, and North Africa, to discuss and critically analyze the intersection of gender and human rights laws as applied to individuals of Arab descent. It seeks to raise consciousness at the intersection of gender, identity, and human rights as it relates to Arabs at home and throughout the diaspora. The context of revolution and the destabilizing impact of armed conflicts in the region are used to critique and examine the utility of human rights law to address contemporary human rights issues through extralegal strategies. To this end, the volume seeks to inform, educate, persuade, and facilitate newer or less-heard perspectives related to gender and masculinities theories. It provides readers with new ways of understanding gender and human rights and proposes forward-looking solutions to implementing human rights norms. The goal of this book is to use the context of Arabs at home and throughout the diaspora to critique and examine the

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utility of human rights norms and laws to diminish human suffering with the goal of transforming the structural, social, and cultural conditions that impede access to human rights. This book will be of interest to a diverse audience of scholars, students, public policy researchers, lawyers and the educated public interested in the fields of human rights law, international studies, gender politics, migration and diaspora, and Middle East and North African politics. This book provides an analysis of whether the International Criminal Court can be regarded as an International Criminal World Court, capable of exercising its jurisdiction upon every individual despite the fact that not every State is a Party to the Rome Statute. The analysis is based on a twin-pillar system, which consists of a judicial and an enforcement pillar. The judicial pillar is based on the most disputed articles of the Rome Statute; its goal is to determine the potential scope of the Court's strength through the application of its jurisdiction regime. The enforcement pillar provides an analysis of the cooperation and judicial assistance mechanism pursuant to the Rome Statute's provisions and its practical implementation through States' practices. The results of the analysis, and the lack of an effective enforcement mechanism, demonstrate that the ICC cannot in fact be considered a criminal world court. In conclusion, possible solutions are presented in order to improve the enforcement pillar of the Court so that the tremendous strength of the ICC's judicial pillar, and with it, the exercise of worldwide jurisdiction, can be effectively implemented.

Structures and Challenges

Violence in Congress and the Road to Civil War

Film, Video, and Digital Media

New Conservatives in Russia and East Central Europe

Arabs at Home and in the World

Manufacturing Technology - II

ACCA - F6 Taxation (Russia) (for the December 2017

exam)Becker Professional Education Ltd

Vladimir Putin has emerged as one of the key leaders of the twenty-first century. However, he is also recognized as one of the most divisive. Abroad, his assertion of Russia's interests and critique of the western-dominated international system has brought him into conflict with Atlantic powers. Within Russia, he has balanced various factions within the elite intelligentsia alongside the wider support of Russian society. So what is the 'Putin paradox?' Richard Sakwa grapples with Putin's personal and political development on both the international political scene and within the domestic political landscape of Russia. This study historicizes the Putin paradox, through theoretical, historical and political analysis and in light of wider developments in Russian society. Richard Sakwa presents the Putin paradox as a unique regime type - balancing numerous contradictions - in order to adapt to its material environment while maintaining sufficient authority with which to shape it.

Bombay Cinema's Islamicate Histories comprises fourteen essays on the history and influence of cultural Islam on Bombay cinema. These essays are written by major scholars of both South Asian cultural history and Indian cinema working across several continents. Following Marshal Hodgson, the term 'Islamicate' is used to describe Muslim cultures in order to distinguish the cultural forms associated

with Islam from the religion itself. Such a distinction is especially important to observe in South Asia where, over a thousand-year history, Muslim cultures have commingled with other local religious and cultural traditions to form a rich vein of syncretic aesthetic expression. This volume argues that the influence of Muslim cultures on Bombay cinema can only be grasped against the backdrop of this long history, an argument that informs the shape of the whole. The book is divided into two sections. The first, ‘Islamicate Histories’, charts the historical roots of South Asian Muslim cultures and the precursors of Bombay cinema’s Islamicate idioms in the Urdu Parsi Theatre, the Courtesan cultures of Lucknow, the traditions of miniature painting, poetry, song and their performance, and the various modes of story-telling that derive from Perso-Arabic traditions. The second section, ‘Cinematic Forms’, discusses the way in which these Islamicate histories are partially constitutive of the traditions of representation, performance and story-telling that give Bombay cinema its distinctive character, traditions that have continued into Bollywood. It explores ‘Islamicate’ genres like the ‘Oriental’ film and the ‘Muslim Social’, as well as forms of poetry and performance like the ‘ghazal’ and ‘the qawwali’. Bombay Cinema’s Islamicate Histories is published at a time of acute crisis in the perception and understanding of Islam, where Islamophobia stereotypes Muslims as incipient fifth column and

Hindu fundamentalism is ascendant. It demonstrates that Muslim and Hindu cultures in India are inextricably entwined and shows how the syncretic idioms of Islamicate cultural history inform the very identity of Bombay cinema, even as that cinema has also instrumentalized Islamicate idioms to stereotype and even demonise the Muslim, especially in contemporary Bollywood. This book argues that many of the idioms of Bombay cinema that we love are derived from the historical influence of Muslim cultures as they interacted with other traditions in the Indian subcontinent. It traces the emergence of cultures of poetry, dance, song, performance and storytelling out of the thousand-year history of Islam on Indian soil, and describes the ways in which they underlie and inform the expressive forms of Bombay cinema. It is timely to be reminded of the contribution of Muslim cultures to the distinctive and widely recognized popular cinema of India at a historical moment when the cultural influence of Islam on India is being denied by forces which seek to turn the country away from cultural pluralism towards Hindu fundamentalism. Bombay Cinema's Islamicate Histories features contributions by major scholars of both South Asian cultural history and Indian cinema working across several continents. The audience for this book will be primarily graduate and advanced undergraduate students of film studies. The writing is accessible and lively and individual chapters will be

suitable for classroom use. It will be of value in disciplines outside film studies, where the Islamicate tradition in general and its impact on film in particular is taught. It will find an audience in disciplines such as history, cultural studies, women's studies, visual studies and South Asian area studies. It will also be of interest to anyone who wants to know how cinema negotiates the parameters of Muslim identity in response to historical and contemporary events in India.

Amateur Media and Participatory Cultures aims to delineate the boundary line between today's amateur media practice and the canons of professional media and film practice. Identifying various feasible interpretative frameworks, from historical to anthropological perspectives, the volume proposes a critical language able to cope with amateur and new media's rapid technological and interpretative developments. Conscious of the fact that amateur media continue to be seen as the benchmark of visual records of authentic rather than mass-media-derived events, Annamaria Motrescu-Mayes and Susan Aasman pay particular attention to the ways in which diverse sets of concepts of amateur media have now merged across global visual narratives and everyday communication protocols. Building on key research questions and content analysis in media and communication studies, they have assessed differences between professional and amateur media productions

based on the ways in which the ‘originators’ of an image have been influenced by, or have challenged, their context of production. This proposes that technical skills, degrees of staging and/or censoring visual information, and patterns in media socialisation define central differences between professional and amateur media production, distribution and consumption. The book’s methodical and interdisciplinary approach provides valuable insights into the ways in which visual priming, cultural experiences and memory-building are currently shaped, stored and redistributed across new media technologies and visual channels.

"Tooth Enamel: Frontiers in Mineral Chemistry and Biochemistry, Integrative Cell Biology and Genetics" incorporates the proceedings of the 9th International Enamel Symposium (Enamel 9) hosted in the UK and chaired by Professor Jennifer Kirkham and Professor Ariane Berdal. The topic covers cellular and molecular aspects of the development, pathology, evolution and repair or regeneration of dental enamel. The original research papers and reviews will be of interest to all enamel and biomineralization researchers. Clinicians will find up-to-date thinking and opinion on the aetiology of enamel pathologies and their potential future treatment via novel strategies for preventing, repairing and regenerating enamel.

**Britain, Brexit and Security in the 2020s
Introduction to Global Studies**

Human Rights, Gender Politics, and Identity

Tipping Point

Interdisciplinary European Studies

Principles and Applications

ACCA - F6 Taxation (Russia) (for the December 2017 exam)

The findings of the contributed studies from this Research Topic reflect important aspects (hot topics) of Quorum network (Sensing/Quenching) in multidrug-resistant pathogens, which including: (i) novel mechanisms of QS and detection techniques, (ii) QS/QQ in clinical multidrug resistant strains, (iii) the relationship between QS/QQ as well as multidrug resistance, and (iv) the application of new QQ therapies.

This book explores the effective use of information and communication technology (ICT) in teaching and learning. Concept-laden and practice-driven discussions offer insights into the art and practice of employing virtual and augmented reality (VR/AR), electronic devices, social networks and massive open online courses (MOOCs) in education.

Fungi are found in virtually every environment, and comprise a significant portion of the normal microflora of healthy individuals. Some species of fungi are aeroallergen sources capable of inducing sensitization and causing exacerbation of asthma and respiratory allergy. Others are transmissible between hosts and may cause no symptoms in healthy individuals. However, immune suppressed individuals may develop invasive disease marked by tissue

invasion with a potential for widespread dissemination. Existing therapies for patients consist of antifungal drugs, yet these require prolonged administration with the possibility of adverse side effects, and may be rendered ineffective by the emergence of antifungal-resistant strains. It is therefore of interest to increase our understanding of host-pathogen interactions in order to facilitate the development of new therapies for individuals suffering from fungal infection and disease. These early interactions are shaped by an array of constituent and secreted factors that stimulate or inhibit host immune responses toward protective or detrimental immunity. Likewise, an array of preformed factors and tissue-resident cells provide early protection from fungal infection and provide extracellular signals that result in localized recruitment of inflammatory cells and determine the character of subsequent adaptive antifungal immunity. This Research Topic explores the host and fungal pathways that program innate and adaptive immunity and the immune cells, molecules, and regulatory pathways that comprise protective or detrimental responses to fungal exposure or infection. Over 200 authors contributed reviews, opinions, or original research focusing on antifungal immunity in humans and in experimental models. We believe that the results of these efforts provide a benchmark for further advances and improved antifungal therapies. Calming the Bipolar Storm describes the symptoms and subtypes of bipolar disorder, its causes, and the role of the social and biologic environment in affecting its course. It

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also emphasizes positive health-promoting behaviors and describes treatments, including psychotherapy and medications for mania and depression and for relapse prevention.

Valid for the December 2017 exam - Becker's F6 Taxation (Russia) Revision Question Bank includes: the most recent ACCA examinations with suggested answers, past examination questions - updated where relevant, model answers and suggested solutions and tutorial notes.

The Putin Paradox

Calming the Bipolar Storm

Violence and Mental Health

Stockholm Arbitration Yearbook 2020

Data-Based Methods for Materials Design and Discovery

Understanding Naval Warfare

Opportunities for Prevention and Early Detection:

Proceedings of a Workshop

This book explores the complex and ever-changing relationship between the European Union and its member states. The recent surge in tension in this relationship has been prompted by the actions of some member state governments as they question fundamental EU values and principles and refuse to implement common decisions seemingly on the basis of narrowly defined national interests. Furthermore, Brexit forces the EU for the first time to face the prospect of a major member state preparing to leave the Union. Are these developments heralding the return of the nation-state, and if so, in what form? Is

the national revival a lasting phenomenon that will affect the EU for a long time to come, or is it a transitory trend? This book takes an interdisciplinary approach to answer these questions. It brings together scholars from economics, law, and political science to provide insights into the multifaceted relations between the Union and its member states from different perspectives. All chapters are based on up-to-date research findings, succinct assessments of the current state of affairs and ongoing debates about the direction of European integration. The book concludes by offering policy recommendations at European and national levels.

As Cold War battle lines are seemingly re-drawn, Russia's various 'frozen' war zones (ongoing separatist conflicts) are often cited as particularly volatile and assumed by some Western commentators and policymakers to be 'next' on Putin's 'wish list'. But, as Helena Rytövuori-Apunen demonstrates here, this is a gross (and dangerous) oversimplification that will only serve to fuel the vicious circle of reciprocal military escalation. Drawing on a range of empirical research and across separatist conflicts in Georgia (South Ossetia and Abkhazia), Moldova (Transnistria and Gagauzia) and Azerbaijan (Nagorno-Karabakh) and the 2014 annexation of Crimea from Ukraine, her timely book provides a balanced assessment and critique of the assumptions and misunderstandings that inform

mainstream discussions, as well as placing the conflicts in their proper and complex historical contexts. At a time when there is an increasing tendency to view Russia as the source of all instability in Eastern Europe, Power and Conflict in Russia's Borderlands is essential reading for anyone interested in the geopolitics of post-Soviet Russia, as well as policymakers and practitioners of peace/conflict resolution studies.

Each year, Stockholm is the arbitration seat of choice for numerous parties endeavouring to resolve international disputes. It is the second most used venue for investment disputes, and it is often the venue for disputes arising from the Energy Charter Treaty. This annual publication, launched under the auspices of the Stockholm Centre for Commercial Law, is designed to meet the information needs of arbitration practitioners and parties from all over the world. The present edition provides authoritative chapters, some of them with a Swedish angle, that address current matters of global concern in arbitration, including the following: dispute resolution in the financial sector; emergency arbitration; recent Swedish case law related to arbitration and in particular one seminal case; arbitrator liability; the right to a public hearing in arbitration; and squeeze-out arbitration. The Yearbook provides both perspective and detailed analyses that will be welcomed by arbitration practitioners, counsel, and

judges deciding arbitration cases. It will also provide valuable insights for arbitration academics, in-house counsel at multinational companies, and arbitral institutions worldwide.

This book is a printed edition of the Special Issue "Solid State Lasers Materials, Technologies and Applications" that was published in Applied Sciences
This book details the Irish socialistic tracks pursued by Bernard Shaw and Sean O'Casey, mostly after 1916, that were arguably impacted by the executed James Connolly. The historical context is carefully unearthed, stretching from its 1894 roots via W. B. Yeats' dream of Shaw as a menacing, yet grinning sewing machine, to Shaw's and O'Casey's 1928 masterworks. In the process, Shaw's War Issues for Irishmen, Annajanska, the Bolshevik Empress, The Tragedy of an Elderly Gentleman, Saint Joan, The Intelligent Woman's Guide to Socialism and Capitalism, and O'Casey's The Story of the Irish Citizen Army, The Shadow of a Gunman, Juno and the Paycock, The Plough and the Stars, and The Silver Tassie are reconsidered, revealing previously undiscovered textures to the masterworks. All of which provides a rethinking, a reconsideration of Ireland's great drama of the 1920s, as well as furthering the knowledge of Shaw, O'Casey, and Connolly.

*Between Aesthetic Experience and Social Action
Power and Conflict in Russia's Borderlands*

*Hormonal Control of Important Agronomic Traits
The Growing Foreign Population and Their Lives
Bernard Shaw, Sean O'Casey, and the Dead James
Connolly*

*Digital Innovation: Harnessing The Value Of Open
Data*

*The European Union and the Return of the Nation
State*

The book presents comprehensive coverage of fundamental computer graphics concepts in a simple, lucid, and systematic way. It uses C programming language to implement various algorithms explained in the book. It also introduces the popular OpenGL programming language with illustrative examples of the multiple primitive functions in OpenGL. The book teaches you a wide range of exciting topics such as graphics devices, scan conversion, polygons, segments, 2D and 3D transformations, windowing and clipping, 3D object representation, illumination models and shading algorithms, colour models, visible surface detection algorithms, curves, grammar-based models, turtle graphics, ray tracing, and fractals. The book also explains concepts in animation.

AI is poised to disrupt our work and our lives. We can harness these technologies rather than fall captive to them—but only through wise regulation. Too many CEOs tell a simple story about the future of work: if a machine can do what you do, your job

will be automated. They envision everyone from doctors to soldiers rendered superfluous by ever-more-powerful AI. They offer stark alternatives: make robots or be replaced by them. Another story is possible. In virtually every walk of life, robotic systems can make labor more valuable, not less. Frank Pasquale tells the story of nurses, teachers, designers, and others who partner with technologists, rather than meekly serving as data sources for their computerized replacements. This cooperation reveals the kind of technological advance that could bring us all better health care, education, and more, while maintaining meaningful work. These partnerships also show how law and regulation can promote prosperity for all, rather than a zero-sum race of humans against machines. How far should AI be entrusted to assume tasks once performed by humans? What is gained and lost when it does? What is the optimal mix of robotic and human interaction? *New Laws of Robotics* makes the case that policymakers must not allow corporations or engineers to answer these questions alone. The kind of automation we get—and who it benefits—will depend on myriad small decisions about how to develop AI. Pasquale proposes ways to democratize that decision making, rather than centralize it in unaccountable firms. Sober yet optimistic, *New Laws of Robotics* offers an inspiring vision of technological progress, in which human

capacities and expertise are the irreplaceable center of an inclusive economy.

Asian Migrant Workers in the Arab Gulf States (edited by Masako Ishii, et al.) examines how nationals and migrants construct new relationships in the segregated socioeconomic spaces of the region. Britain is facing big security challenges in the 2020s. The decade to come will not be as favourable as the two past decades. For a country as 'globalised' as Britain, security challenges cover a wide spectrum - from terrorism, international crime and cyber attack through to the prospects of war in its own continent or even, again, for its own survival. Brexit has entered these equations and turned them into a political tipping point, from which there is no hiding and no turning back. Tipping Point looks at the immediate and long-term security challenges Britain faces - from security and foreign policy to the crisis of liberal democracy - as well as Britain's security capabilities.

On February 26-27, 2014, the National Academies of Sciences, Engineering, and Medicine's Forum on Global Violence Prevention convened a workshop titled Mental Health and Violence: Opportunities for Prevention and Early Intervention. The workshop brought together advocates and experts in public health and mental health, anthropology, biomedical science, criminal justice, global health and development, and neuroscience to examine

experience, evidence, and practice at the intersection of mental health and violence.

Participants explored how violence impacts mental health and how mental health influences violence and discussed approaches to improve research and practice in both domains. This publication summarizes the presentations and discussions from the workshop.

Machine Tools and Applications

Quorum Network (Sensing/Quenching) in Multidrug-Resistant Pathogens

Computer Graphics

Cross-National Perspectives

Safety Pharmacology - Risk Assessment QT Interval Prolongation and Beyond

Tooth Enamel: Frontiers in Mineral Chemistry and Biochemistry, Integrative Cell Biology and Genetics

Feminist Revisions of the Hero's Quest in

Contemporary Popular Culture

Designed to complement any introductory global politics course, Snow's text presents original case studies that survey the state of the international system and look in-depth at current issues. The cases are geopolitically diverse, accessible, and timely with new coverage of the pandemic, election interference, China, cyberwar, and global warming.

Academic libraries are facing uncertain times. The international higher education environment is very volatile and academic libraries and librarians can play a major role in helping to strategically position their parent institution within it. In doing so, there needs to be clarity as to what the position of the academic

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library is with regard to the role and function it has within the university and how library leadership can have pan-institutional influence and impact. There are several ways in which the academic library can position itself and this collection demonstrates many of these. Strategic alignment with the university and its mission is a fundamental part of successful positioning, as is being flexible, adaptable and responsive to changing needs, requirements and expectations. Developments in research support and scholarly communications, as well as super-convergences with other academic support departments, are examples of such responsiveness. These topics along with other emerging themes, such as library functions and institutional partnerships and collaborations, are all discussed in the book and provide the reader with a rich variety of reflections and case studies on how academic libraries, from across the globe, have addressed their position within their institution. This book was originally published as a special issue of the journal New Review of Academic Librarianship. Machine learning methods are changing the way we design and discover new materials. This book provides an overview of approaches successfully used in addressing materials problems (alloys, ferroelectrics, dielectrics) with a focus on probabilistic methods, such as Gaussian processes, to accurately estimate density functions. The authors, who have extensive experience in this interdisciplinary field, discuss generalizations where more than one competing material property is involved or data with differing degrees of precision/costs or fidelity/expense needs to be considered.

Necessity is the mother of invention; challenging times can provide new opportunities that must be detected and exploited at the right moments. The COVID-19 pandemic has demonstrated that it is not only an issue of healthcare but also a challenge for the global economy, business, and society. Organizations have rapidly deployed technology solutions that enable them to work and service remotely and continue most of their normal operations. The

Handbook of Research on Technologies and Systems for E-Collaboration During Global Crises focuses on emerging technologies and systems, strategies, and solutions for e-collaboration. This book assesses the importance of technologies and systems for e-collaboration in dealing with emerging crises such as pandemics. Covering topics such as deep learning processes, machine vision, and profit-sharing models, it is an essential resource for computer scientists, public officials, engineers, students and professors of higher education, healthcare administration, programmers, researchers, and academicians.

“Outstanding...exceptionally well written, organized and presented...recommended”—Midwest Book Review *Quest* narratives are as old as Western culture. In stories like *The Odyssey*, *The Lord of the Rings*, *Star Wars* and *Harry Potter*, men set out on journeys, fight battles and become heroes. Women traditionally feature in such stories as damsels in need of rescue or as the prizes at the end of heroic quests. These narratives perpetuate predominant gender roles by casting men as active and women as passive. Focusing on stories in which popular teenage heroines—*Buffy Summers*, *Katniss Everdeen* and *Disney’s Princess Merida*—embark on daring journeys, this book explores what happens when traditional gender roles and narrative patterns are subverted. The author examines representations of these characters across various media—film, television, novels, posters, merchandise, fan fiction and fan art, and online memes—that model concepts of heroism and girlhood inspired by feminist idea

Amateur Media and Participatory Cultures

Security, Strategy, and Military Dynamics in South China Sea

Working Life and Gender Inequality

Bombay Cinema's Islamicate Histories

Non-Standard Architectural Productions

The Post-Soviet Geopolitics of Dispute Resolution

The Future of Innovation and Technology in Education

Museums and Centers of Contemporary Art in

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Central Europe is a comprehensive study of the ecosystem of art museums and centers in the Czech Republic, Hungary, Poland and Slovakia. Focusing on institutions founded after 1989, the book analyses a thirty-year boom in art exhibition space in these regions, as well as a range of socio-political influences and curatorial debates that had a significant impact upon their development. Tracing the inspiration for the increase in art institutions and the models upon which these new spaces were based, Jagodzińska offers a unique insight into the history of museums in Central Europe. Providing analysis of a range of issues, including private and public patronage, architecture, and changing visions of national museums of art, the book situates these newly-founded institutions within their historical, political and museological contexts. Considering whether - and in what ways - they can be said to have a shared regional identity that is distinct from institutions elsewhere, this valuable contribution paints a picture of the region in its entirety from the perspective of new institutions of art. Offering the first comprehensive study on the topic, *Museums and Centers of Contemporary Art in Central Europe* should be of great interest to academics, researchers and postgraduate students engaged in the study of museums, art, history and architecture.

This textbook provides a multidisciplinary

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introduction to global and international studies. Offering unrivalled breadth and depth, it covers all the key dimensions of the topic, including broad introductions to international politics and economics, and focused surveys of topics from human rights and migration to conflict and the environment. John McCormick's lucid writing style renders complex information understandable to all students. Full-colour photographs, maps, tables and figures bring the subject to life and innovative pedagogical features emphasize the importance of understanding perspectives and experiences different from one's own worldview. Assuming no prior knowledge of the subject, this textbook is ideal for undergraduate students worldwide who are taking introductory modules in global and international studies. The text can also be used by undergraduate students taking courses on globalization.

Current regulatory guidelines for cardiac safety utilize hERG block and QT interval prolongation as risk markers. This strategy has been successful at preventing harmful drugs from being marketed, but criticized for leading to early withdrawal of potentially safe drugs. Here we collected a series of articles presenting new technological and conceptual advances, including refinement of ex vivo and in vitro assays, screens and models, and in silico approaches reflecting the increasing effort that has been put forward by regulatory agencies, industry, and

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academia to try and address the need of a more accurate, mechanistically-based paradigm of proarrhythmic potential of drugs. This Research Topic is dedicated to the memory of Dr. J. Jeremy Rice, our wonderful friend and colleague.

This new and updated edition of Understanding Naval Warfare offers the reader an accessible introduction to the study of modern naval warfare, providing a thorough grounding in the vocabulary, concepts, issues, and debates, set within the context of relevant history. Navies operate in an environment that most people do not understand and that many avoid. They are equipped with a bewildering range of ships, craft and other vessels and types of equipment, the purpose of which is often unclear. Writings on naval warfare are usually replete with references to esoteric concepts explained in specialist language than can serve as a barrier to understanding. The objective of this book, therefore, is to cut through the obscure and the arcane to offer a clear, coherent and accessible guide to the key features of naval warfare which will equip the reader with the knowledge and understanding necessary for a sophisticated engagement with the subject. This second edition is divided into two key parts. The first focuses on concepts of naval warfare and introduces readers to the ideas associated with the theory and practice of naval operations. It also includes a new chapter in which the history of the last

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century of naval warfare is explored in order to illustrate the key concepts. The second part focuses on the conduct of war at sea and on peacetime roles for contemporary navies. This latter section concludes with a chapter that looks ahead to the likely future of naval warfare. This textbook will be essential reading for students of naval warfare, sea power and maritime security, and highly recommended for those studying military history, strategic studies and security studies in general.

The underlying mechanisms behind aging has long been a great scientific mystery that the biomedical research community has long studied. In developed nations, as the population grows older, increases in life expectancy is increasingly limited by our relatively poor control of chronic aging-associated diseases such as arterial aging. Among age-related conditions that negatively influence longevity. Growing evidence demonstrates that arterial aging is fundamentally caused by a proinflammatory process that begins at birth and results in detrimental effects that affects every organ system. Vascular aging is the leading risk factor for quintessential cardiovascular diseases such as hypertension and atherosclerosis. With aging, vascular walls develop a pro-inflammatory and stressed microenvironment characterized by both an upregulation of pro-inflammatory chemokines and cytokines as well as a down-regulation

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anti-inflammatory counterparts. This chronic imbalance in inflammatory regulatory networks is the key driver of changes at the cellular and molecular level that result in hypertensive and atherosclerotic arterial. Thus, an intervention of proinflammation may be a viable therapeutic intervention to reduce morbidity and mortality from cardiovascular diseases. In this eBook, we aim to supply an updated overview of the physiological and biochemical mechanisms that affect inflammation and vascular aging. We believe that this eBook will contribute to the understanding of the pathogenesis of many chronic or age-related diseases, as well as to their treatment with both current and new therapeutic approaches.

Girl Warriors

Handbook of Research on Technologies and Systems for E-Collaboration During Global Crises

China's Energy Security and Relations With Petrostates

New Laws of Robotics

Asian Migrant Workers in the Arab Gulf States

Intersectional Perspectives and the Spatial Practices of Peripheralization

A Guide for Patients and Their Families

This book examines the development of bilateral energy relations between China and the two oil-rich countries, Kazakhstan and Russia.

Challenging conventional assumptions about energy politics and China's global quest for oil,

this book examines the interplay of politics and sociocultural contexts. It shows how energy resources become ideas and how these ideas are mobilized in the realm of international relations. China's relations with Kazakhstan and Russia are simultaneously enabled and constrained by the discursive politics of oil. It is argued that to build collaborative and constructive energy relations with China, its partners in Kazakhstan, Russia, and elsewhere must consider not only the material realities of China's energy industry and the institutional settings of China's energy policy but also the multiple symbolic meanings that energy resources and, particularly, oil acquire in China. China's Energy Security and Relations with Petrostates offers a nuanced understanding of China's bilateral energy relations with Kazakhstan and Russia, raising essential questions about the social logic of international energy politics. It will appeal to students and scholars of international relations, energy security, Chinese and post-Soviet studies, along with researchers working in the fields of energy policy and environmental sustainability.

Manufacturing Technology - II is a branch of mechanical engineering which extensively deals with the production of industrial goods with the help of advanced tools and machinery. This subject gives information which covers the more practical

knowledge than the theory. It provides tool to enable production of manufacturing goods efficiently. The subject gives idea to maximise product quality and to minimise the production cost. It also gives information about the different surface finishing techniques. My hope is that this book, through its careful explanations of concepts, practical examples and figures bridges the gap between knowledge and proper application of that knowledge.

This volume brings together international experts to provide fresh perspectives on geopolitical concerns in the South China Sea. The book considers the interests and security strategies of each of the nations with a claim to ownership and jurisdiction in the Sea. Examining contexts including the region's natural resources and China's behaviour, the book also assesses the motivations and approaches of other states in Asia and further afield. This is an accessible, even-handed and comprehensive examination of current and future rivalries and challenges in one of the most strategically important and militarized maritime regions of the world.

The previously untold story of the violence in Congress that helped spark the Civil War In The Field of Blood, Joanne B. Freeman recovers the long-lost story of physical violence on the floor of the U.S. Congress. Drawing on an extraordinary

*range of sources, she shows that the Capitol was rife with conflict in the decades before the Civil War. Legislative sessions were often punctuated by mortal threats, canings, flipped desks, and all-out slugfests. When debate broke down, congressmen drew pistols and waved Bowie knives. One representative even killed another in a duel. Many were beaten and bullied in an attempt to intimidate them into compliance, particularly on the issue of slavery. These fights didn't happen in a vacuum. Freeman's dramatic accounts of brawls and thrashings tell a larger story of how fisticuffs and journalism, and the powerful emotions they elicited, raised tensions between North and South and led toward war. In the process, she brings the antebellum Congress to life, revealing its rough realities—the feel, sense, and sound of it—as well as its nation-shaping import. Funny, tragic, and rivetingly told, *The Field of Blood* offers a front-row view of congressional mayhem and sheds new light on the careers of John Quincy Adams, Henry Clay, and other luminaries, as well as introducing a host of lesser-known but no less fascinating men. The result is a fresh understanding of the workings of American democracy and the bonds of Union on the eve of their greatest peril.*

This book captures concepts and projects that reshape the discipline of architecture by prioritizing people over buildings. In doing so, it

uncovers sophisticated approaches that go beyond standard architectural protocols to explore experience-based aesthetics, encounters, action-based research, critical practices, and social engagement. If these are widely understood as singular or incompatible approaches, the book reveals that they form a growing network of interrelations and generate levels of flexibility and dynamism that are reshaping the discipline. The thirteen chapters analyze thought-provoking projects – branded museums, restaged exhibitions, home/work spaces, multi-cultural spaces, ageing apartment blocks, abandoned homes, and urban slums amongst them. Together, they enliven the stalled debate about a single architectural response to the complex challenges of the contemporary world by highlighting pluralistic perspectives on architecture that offer fresh solutions on how architecture can improve people’s lives. Featuring essays from an international range of authors, this book makes a vital contribution to our understanding of the wider conditions under which, and in relation to which, contemporary architecture is produced.

Arterial Aging and Age-Associated Arterial Diseases

Positioning the Academic Library within the University

Jurisdiction and Cooperation Mechanisms of the

*Rome Statute and its Practical Implementation
Policies and Practices for Teaching and Learning
Excellence*

Basic Ideas and General Methods

Oil as an Idea

*Solid State Lasers Materials, Technologies and
Applications*

One of the goals of plant science is to improve agricultural sustainability, increasing yield, food diversity, and nutrition, while minimizing the negative impact on our environment. In response to internal and external cues, plant hormones control various aspects of plant growth and development. The wealth of our knowledge on plant hormones shall greatly advance sustainable agriculture.

**The International Criminal Court - An
International Criminal World Court?**

**Immunity to Human Fungal Pathogens:
Mechanisms of Host Recognition, Protection,
Pathology, and Fungal Interference**

Cases in International Relations

**Museums and Centers of Contemporary Art in
Central Europe after 1989**

The Field of Blood