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## KEY=TAREK - ELLEN DECKER

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### RESERVOIR ENGINEERING HANDBOOK

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Gulf Professional Publishing *The job of any reservoir engineer is to maximize production from a field to obtain the best economic return. To do this, the engineer must study the behavior and characteristics of a petroleum reservoir to determine the course of future development and production that will maximize the profit. Fluid flow, rock properties, water and gas coning, and relative permeability are only a few of the concepts that a reservoir engineer must understand to do the job right, and some of the tools of the trade are water influx calculations, lab tests of reservoir fluids, and oil and gas performance calculations. Two new chapters have been added to the first edition to make this book a complete resource for students and professionals in the petroleum industry: Principles of Waterflooding, Vapor-Liquid Phase Equilibria.*

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### ADVANCED RESERVOIR ENGINEERING

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Elsevier *Advanced Reservoir Engineering offers the practicing engineer and engineering student a full description, with worked examples, of all of the kinds of reservoir engineering topics that the engineer will use in day-to-day activities. In an industry where there is often a lack of information, this timely volume gives a comprehensive account of the physics of reservoir engineering, a thorough knowledge of which is essential in the petroleum industry for the efficient recovery of hydrocarbons. Chapter one deals exclusively with the theory and practice of transient flow analysis and offers a brief but thorough hands-on guide to gas and oil well testing. Chapter two documents water influx models and their practical applications in conducting comprehensive field studies, widely used throughout the industry. Later chapters include unconventional gas reservoirs and the classical adaptations of the material balance equation. \* An essential tool for the petroleum and reservoir engineer, offering information not available anywhere else \* Introduces the reader to cutting-edge new developments in Type-Curve Analysis, unconventional gas reservoirs, and gas hydrates \* Written by two of the industry's best-known and respected reservoir engineers*

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### RESERVOIR ENGINEERING HANDBOOK

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Gulf Professional Publishing *Reorganized for easy use, Reservoir Engineering Handbook, Fourth Edition provides an up-to-date reference to the tools, techniques, and science for predicting oil reservoir performance even in the most difficult fields. Topics covered in the handbook include: Processes to enhance production Well modification to maximize oil and gas recovery Completion and evaluation of wells, well testing, and well surveys Reservoir Engineering Handbook, Fourth Edition provides solid information and insight for engineers and students alike on maximizing production from a field in order to obtain the best possible economic return. With this handbook, professionals will find a valuable reference for understanding the key relationships among the different operating variables. Examples contained in this reference demonstrate the performance of processes under forceful conditions through a wide variety of applications. • Fundamental for the advancement of reservoir engineering concepts • Step-by-step field performance calculations • Easy to understand analysis of oil recovery mechanisms • Step-by-step analysis of oil recovery mechanisms • New chapter on fractured reservoirs*

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### EQUATIONS OF STATE AND PVT ANALYSIS

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### APPLICATIONS FOR IMPROVED RESERVOIR MODELING

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Gulf Professional Publishing *Understanding the properties of a reservoir's fluids and creating a successful model based on lab data and calculation are required for every reservoir engineer in oil and gas today, and with reservoirs becoming more complex, engineers and managers are back to reinforcing the fundamentals. PVT (pressure-volume-temperature) reports are one way to achieve better parameters, and Equations of State and PVT Analysis, 2nd Edition, helps engineers to fine tune their reservoir problem-solving skills and achieve better modeling and maximum asset development. Designed for training sessions for new and existing engineers, Equations of State and PVT Analysis, 2nd Edition, will prepare reservoir engineers for complex hydrocarbon and natural gas systems with more sophisticated EOS models, correlations and examples from the hottest locations around the world such as the Gulf of Mexico, North Sea and China, and Q&A at the end of each chapter. Resources are maximized with this must-have reference. Improve with new material on practical applications, lab analysis, and real-world sampling from wells to gain better understanding of PVT properties for crude and natural gas Sharpen your reservoir models with added content on how to tune EOS parameters accurately Solve more unconventional problems with field examples on phase behavior characteristics of shale and heavy oil*

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### ADVANCED RESERVOIR MANAGEMENT AND ENGINEERING

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Gulf Professional Publishing *Reservoir management is concerned with the geoscience and reservoir/production engineering required to plan and optimize the development of discovered or producing oil and gas assets. One of the only books to cover both management and engineering issues, Advanced Reservoir Management and Engineering is redesigned to be the only book you need throughout your career. Written by two of the industry's best-known and well respected reservoir engineers and managers, this new edition offers readers a complete guide for formulating workflow solutions on a day to day bases. Authoritative in its approach, the book begins with the theory and practice of transient flow analysis and offers a brief but thorough hands-on guide to gas and oil well testing. Chapter two documents water influx models and their practical applications in conducting comprehensive field studies, widely used throughout the industry. Essential topics such as Type-Curve Analysis, unconventional gas reservoirs, and gas hydrates are also covered. The book moves on to provide a clear exposition of key economic and financial management methods for evaluation criteria and cash flow analysis, analysis of fixed capital investments and advanced evaluation approaches. This is followed by a frank discussion of advanced evaluation approaches such as integration of decision analysis and professional ethics. Readers will find the website a valuable guide for enhancing their understanding of different techniques used for predicting reservoir performance and cost. The website will also include information such as properties, tables and simple calculations. This combination book and website arrangement will prove particularly useful to new professionals interested in increasing their skills or more experienced professional wishing to increase their knowledge of current industry best practices. The 2nd Edition of the book includes 3 new management chapters, representing a 30% increase over the previous edition. The new subjects include step by step approach to cash flow analysis, analysis of fixed capital investments, cash flow consequences, maintenance as well as a detailed approach to managing working capital. This is followed by a clear exposition of advanced evaluation approaches such as integration of decision analysis and economic evaluation and professional ethics. Maximize cash flow, subject to capital and operating budget Deliver new high-quality investment opportunities to management Effectively manage the development of oil and gas assets Maximize the benefit to the legitimate stakeholders*

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### HYDROCARBON PHASE BEHAVIOR

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Butterworth-Heinemann

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### WORKING GUIDE TO VAPOR-LIQUID PHASE EQUILIBRIA CALCULATIONS

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Gulf Professional Publishing *Working Guide to Vapor-Liquid Phase Equilibria Calculations offers a practical guide for calculations of vapor-phase equilibria. The book begins by introducing basic concepts such as vapor pressure, vapor pressure charts, equilibrium ratios, and flash calculations. It then presents methods for predicting the equilibrium ratios of hydrocarbon mixtures: Wilson's correlation, Standing's correlation, convergence pressure method, and Whitson and Torp correlation. The book describes techniques to determine equilibrium ratios of the plus fraction, including Campbell's method, Winn's method, and Katz's method. The remaining chapters cover the solution of phase equilibrium problems in reservoir and process engineering; developments in the field of empirical cubic equations of state (EOS) and their applications in petroleum engineering; and the splitting of the plus fraction*

for EOS calculations. Includes explanations of formulas Step by step calculations Provides examples and solutions

### MEASUREMENT OF HIGGS BOSON PRODUCTION CROSS SECTIONS IN THE DIPHOTON CHANNEL

#### WITH THE FULL ATLAS RUN-2 DATA AND CONSTRAINTS ON ANOMALOUS HIGGS BOSON INTERACTIONS

Springer Nature This thesis presents the measurement of the Higgs boson cross section in the diphoton decay channel. The measurement relies on proton-proton collision data at a center-of-mass energy  $\sqrt{s} = 13$  TeV recorded by the ATLAS experiment at the Large Hadron Collider (LHC). The collected data correspond to the full Run-2 dataset with an integrated luminosity of 139 fb<sup>-1</sup>. The measured cross sections are used to constrain anomalous Higgs boson interactions in the Effective Field Theory (EFT) framework. The results presented in this thesis represent a reduction by a factor 2 of the different photon and jet energy scale and resolution systematic uncertainties with respect to the previous ATLAS publication. The thesis details the calibration of electron and photon energies in ATLAS, in particular the measurement of the presampler energy scale and the estimation of its systematic uncertainty. This calibration was used to perform a measurement of the Higgs boson mass in the  $H \rightarrow \gamma\gamma$  and  $H \rightarrow 4l$  channels using the 36 fb<sup>-1</sup> dataset.

#### A THOUSAND SPLENDID SUNS

A&C Black A riveting and powerful story of an unforgiving time, an unlikely friendship and an indestructible love

#### WORKING GUIDE TO RESERVOIR ROCK PROPERTIES AND FLUID FLOW

Gulf Professional Publishing Working Guide to Reservoir Rock Properties and Fluid Flow provides an introduction to the properties of rocks and fluids that are essential in petroleum engineering. The book is organized into three parts. Part 1 discusses the classification of reservoirs and reservoir fluids. Part 2 explains different rock properties, including porosity, saturation, wettability, surface and interfacial tension, permeability, and compressibility. Part 3 presents the mathematical relationships that describe the flow behavior of the reservoir fluids. The primary reservoir characteristics that must be considered include: types of fluids in the reservoir, flow regimes, reservoir geometry, and the number of flowing fluids in the reservoir. Each part concludes with sample problems to test readers knowledge of the topic covered. Critical properties of reservoir rocks Fluid (oil, water, and gas) PVT relationships Methods to calculate hydrocarbons initially in place Dynamic techniques to assess reservoir performance Parameters that impact well/reservoir performance over time

#### THE BRITISH NATIONAL BIBLIOGRAPHY

#### APPLIED PETROLEUM RESERVOIR ENGINEERING

Pearson Basic level textbook covering concepts and practical analytical techniques of reservoir engineering.

#### STABILIZATION CLAUSES IN INTERNATIONAL INVESTMENT LAW

#### A SUSTAINABLE DEVELOPMENT APPROACH

Springer This book analyzes the tension between the host state's commitment to provide regulatory stability for foreign investors – which is a tool for attracting FDI and generating economic growth – and its evolving non-economic commitments towards its citizens with regard to environmental protection and social welfare. The main thesis is that the 'stabilization clause/regulatory power antinomy,' as it appears in many cases, contradicts the content and rationale of sustainable development, a concept that is increasingly prevalent in national and international law and which aims at the integration and balancing of economic, environmental, and social development. To reconcile this antinomy at the decision-making and dispute settlement levels, the book employs a 'constructive sustainable development approach,' which is based on the integration and reconciliation imperatives of the concept of sustainable development as well as on the application of principles of law such as non-discrimination, public purpose, due process, proportionality, and more generally, good governance and rule of law. It subsequently re-conceptualizes stabilization clauses in terms of their design (ex-ante) and interpretation (ex-post), yielding stability to the benefit of foreign investors, while also mitigating their negative effects on the host state's power to regulate.

#### THE AGHLABIDS AND THEIR NEIGHBORS

#### ART AND MATERIAL CULTURE IN NINTH-CENTURY NORTH AFRICA

BRILL In The Aghlabids and their Neighbors an international group of scholars present the latest research on the history, art, architecture, archaeology, and numismatics of a major early Islamic dynasty, illuminating their place within medieval social and economic networks.

#### HANDBOOK OF RESEARCH ON MACHINE LEARNING INNOVATIONS AND TRENDS

Continuous improvements in technological applications have allowed more opportunities to develop automated systems. This not only leads to higher success in smart data analysis, but it increases the overall probability of technological progression. The Handbook of Research on Machine Learning Innovations and Trends is a key resource on the latest advances and research regarding the vast range of advanced systems and applications involved in machine intelligence. Highlighting multidisciplinary studies on decision theory, intelligent search, and multi-agent systems, this publication is an ideal reference source for professionals and researchers working in the field of machine learning and its applications.

#### MADE IN AFRICA

#### INDUSTRIAL POLICY IN ETHIOPIA

Oxford University Press, USA A book on the design and practice of industrial policy that explores the challenges faced by African firms in international markets, with primary research data and policy experience from three Ethiopian case studies.

#### THE SAGE HANDBOOK OF SOCIAL MEDIA RESEARCH METHODS

SAGE With coverage of the entire research process in social media, data collection and analysis on specific platforms, and innovative developments in the field, this handbook is the ultimate resource for those looking to tackle the challenges that come with doing research in this sphere.

#### THE HANDBOOK OF EQUITY MARKET ANOMALIES

#### TRANSLATING MARKET INEFFICIENCIES INTO EFFECTIVE INVESTMENT STRATEGIES

John Wiley & Sons Investment pioneer Len Zacks presents the latest academic research on how to beat the market using equity anomalies The Handbook of Equity Market Anomalies organizes and summarizes research carried out by hundreds of finance and accounting professors over the last twenty years to identify and measure equity market inefficiencies and provides self-directed individual investors with a framework for incorporating the results of this research into their own investment processes. Edited by Len Zacks, CEO of Zacks Investment Research, and written by leading professors who have performed groundbreaking research on specific anomalies, this book succinctly summarizes the most important anomalies that savvy investors have used for decades to beat the market. Some of the anomalies addressed include the accrual anomaly, netstock anomalies, fundamental anomalies, estimate revisions, changes in and levels of broker recommendations, earnings-per-share surprises, insider trading, price momentum and technical analysis, value and size anomalies, and several seasonal anomalies. This reliable resource also provides insights on how to best use the various anomalies in both

market neutral and in long investor portfolios. A treasure trove of investment research and wisdom, the book will save you literally thousands of hours by distilling the essence of twenty years of academic research into eleven clear chapters and providing the framework and conviction to develop market-beating strategies. Strips the academic jargon from the research and highlights the actual returns generated by the anomalies, and documented in the academic literature. Provides a theoretical framework within which to understand the concepts of risk adjusted returns and market inefficiencies. Anomalies are selected by Len Zacks, a pioneer in the field of investing. As the founder of Zacks Investment Research, Len Zacks pioneered the concept of the earnings-per-share surprise in 1982 and developed the Zacks Rank, one of the first anomaly-based stock selection tools. Today, his firm manages U.S. equities for individual and institutional investors and provides investment software and investment data to all types of investors. Now, with his new book, he shows you what it takes to build a quant process to outperform an index based on academically documented market inefficiencies and anomalies.

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### HANDBOOK OF NANOCERAMIC AND NANOCOMPOSITE COATINGS AND MATERIALS

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Butterworth-Heinemann In this new handbook, top researchers from around the world discuss recent academic and industrial advances in designing ceramic coatings and materials. They describe the role of nanotechnology in designing high performance nanoceramic coatings and materials in terms of the unique advantages that can be gained from the nano scale, including the latest techniques for the synthesis and processing of ceramic and composite coatings for different applications. Focuses on the most advanced technologies for industry-oriented nano-ceramic and nano-composite coatings, including recent challenges for scaling up nano-based coatings in industry. Covers the latest evaluation methods for measuring coatings performance. Discusses novel approaches for improving the performance of ceramic and composite coatings and materials via nanotechnology. Provides the most recent and advanced techniques for surface characterization.

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### ARABIC PSYCHOLOGICAL TESTS AND THEIR ENGLISH VERSIONS

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Cambridge Scholars Publishing Measurement is an important concern for the progress of psychology, both as a basic science and as a field of application. The development of psychological research and practice would not be possible without sound assessment and measuring procedures. This book presents a collection of personality and psychopathology scales, developed originally in Arabic and translated into English, since self-reports and questionnaires play a prominent role in psychological research and practice, as they are simple and cost less than other methods of assessment. Furthermore, these scales are suitable in surveys and epidemiological studies with large samples. This book will be useful in different disciplines such as psychology, psychiatry, epidemiology, gerontology, social work, and social sciences.

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### INFECTIONS IN PREGNANCY

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### AN EVIDENCE-BASED APPROACH

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Cambridge University Press Provides effective diagnosis and management of infectious diseases in pregnant women in a single comprehensive available resource for busy clinicians.

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### PETROLEUM RESERVOIR ROCK AND FLUID PROPERTIES

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CRC Press A strong foundation in reservoir rock and fluid properties is the backbone of almost all the activities in the petroleum industry. *Petroleum Reservoir Rock and Fluid Properties* offers a reliable representation of fundamental concepts and practical aspects that encompass this vast subject area. The book provides up-to-date coverage of vari

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### HANDBOOK OF INDUSTRIAL MYCOLOGY

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CRC Press Several excellent books have been published that address one or more aspects of the diverse field of industrial mycology, but none of them cover the entire process of fungal bioactive metabolites discovery. Until now. *The Handbook of Industrial Mycology* provides, in one volume, an overview of recent developments in industrial mycology with emphasis

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### WORLD REPORT 2020

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### EVENTS OF 2019

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Seven Stories Press The best country-by-country assessment of human rights. The human rights records of more than ninety countries and territories are put into perspective in Human Rights Watch's signature yearly report. Reflecting extensive investigative work undertaken by Human Rights Watch staff, in close partnership with domestic human rights activists, the annual World Report is an invaluable resource for journalists, diplomats, and citizens, and is a must-read for anyone interested in the fight to protect human rights in every corner of the globe.

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### HANDBOOK OF ISLAMIC BANKING

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Edward Elgar Publishing *The Handbook of Islamic Banking* comprises 25 studies by leading international experts on Islamic banking and finance specially commissioned to analyse the various debates and the current state of play in the field. From its origins thirty years ago, Islamic banking has expanded rapidly to become a distinctive and fast growing segment of the international banking and capital markets. Despite this expansion, Islamic banking still remains poorly understood in many parts of the Muslim world and continues to be a mystery in much of the West. This comprehensive Handbook provides a succinct analysis of the workings of Islamic banking and finance, accessible to a wide range of readers. At the same time, it seeks to bring the current research agenda and the main issues on Islamic banking before a wider audience. Islamic banking offers, as an alternative to conventional interest-based financing methods, a wide variety of financial instruments and investment vehicles based on profit-and-loss sharing arrangements. These are all explored in detail along with other subjects such as governance and risk management, securities and investment, structured financing, accounting and regulation, economic development and globalization. M. Kabir Hassan, Mervyn Lewis and the other contributors have created an authoritative and original reference work, which will contribute to a wider understanding of Islamic banking as well as provoking further discussion and research. It will be invaluable to all scholars, researchers and policymakers with an interest in this subject.

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### COMPUTER VISION AND IMAGE PROCESSING IN INTELLIGENT SYSTEMS AND MULTIMEDIA TECHNOLOGIES

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IGI Global The fields of computer vision and image processing are constantly evolving as new research and applications in these areas emerge. Staying abreast of the most up-to-date developments in this field is necessary in order to promote further research and apply these developments in real-world settings. *Computer Vision and Image Processing in Intelligent Systems and Multimedia Technologies* features timely and informative research on the design and development of computer vision and image processing applications in intelligent agents as well as in multimedia technologies. Covering a diverse set of research in these areas, this publication is ideally designed for use by academicians, technology professionals, students, and researchers interested in uncovering the latest innovations in the field.

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### SURPRISE, KILL, VANISH

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### THE SECRET HISTORY OF CIA PARAMILITARY ARMIES, OPERATORS, AND ASSASSINS

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Little, Brown From Pulitzer Prize finalist Annie Jacobsen, the untold USA Today bestselling story of the CIA's secret paramilitary units. Surprise . . . your target. Kill . . . your enemy. Vanish . . . without a trace. When diplomacy fails, and war is unwise, the president calls on the CIA's Special Activities Division, a highly-classified branch of the CIA and the most effective, black operations force in the world. Originally known as the president's guerrilla warfare corps, SAD conducts risky and ruthless operations that have evolved over time to defend America from its enemies. Almost every American president since World War II has asked the CIA to conduct sabotage, subversion and, yes, assassination. With unprecedented access to forty-two men and women who proudly and secretly worked on CIA covert operations from the dawn of the Cold War to the present day, along with declassified documents and deep historical research, Pulitzer Prize finalist Annie Jacobsen unveils -- like never before -- a complex world of individuals working in treacherous environments populated with killers, connivers, and saboteurs. Despite Hollywood notions of off-book operations and external secret hires, covert action is actually one piece in a colossal foreign policy machine. Written with the pacing of a thriller, *Surprise, Kill, Vanish* brings to vivid life the sheer pandemonium and chaos, as well as the unforgettable human will to survive and the intellectual challenge of not giving up hope that define

paramilitary and intelligence work. Jacobsen's exclusive interviews -- with members of the CIA's Senior Intelligence Service (equivalent to the Pentagon's generals), its counterterrorism chiefs, targeting officers, and Special Activities Division's Ground Branch operators who conduct today's close-quarters killing operations around the world -- reveal, for the first time, the enormity of this shocking, controversial, and morally complex terrain. Is the CIA's paramilitary army America's weaponized strength, or a liability to its principled standing in the world? Every operation reported in this book, however unsettling, is legal.

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#### **ROUTLEDGE HANDBOOK ON HUMAN RIGHTS AND THE MIDDLE EAST AND NORTH AFRICA**

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**Routledge** Recent events such as 'Iran's Green Revolution' and the 'Arab Uprisings' have exploded notions that human rights are irrelevant to Middle Eastern and North African politics. Increasingly seen as a global concern, human rights are at the fulcrum of the region's on-the-ground politics, transnational intellectual debates, and global political intersections. *The Routledge Handbook on Human Rights and the Middle East and North Africa*: emphasises the need to consider human rights in all their dimensions, rather than solely focusing on the political dimension, in order to understand the structural reasons behind the persistence of human rights violations; explores the various frameworks in which to consider human rights—conceptual, political and transnational/international; discusses issue areas subject to particularly intense debate—gender, religion, sexuality, transitions and accountability; contains contributions from perspectives that span from global theory to grassroots reflections, emphasising the need for academic work on human rights to seriously engage with the thoughts and practices of those working on the ground. A multidisciplinary approach from scholars with a wide range of expertise allows the book to capture the complex dynamics by which human rights have had, or could have, an impact on Middle Eastern and North African politics. This book will therefore be a key resource for students and scholars of Middle Eastern and North African politics and society, as well as anyone with a concern for Human Rights across the globe.

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#### **ARCHITECTURES AND FRAMEWORKS FOR DEVELOPING AND APPLYING BLOCKCHAIN TECHNOLOGY**

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**IGI Global** The blockchain revolution has drastically impacted global economics and the strategic practices within different industries. Cryptocurrency specifically has forever changed the face of business and the implementation of business online. While innovative, people are still in the early stages of building and developing blockchain technology and its applications, and it is critical that researchers and practitioners obtain a better understanding of this global phenomenon. *Architectures and Frameworks for Developing and Applying Blockchain Technology* is an essential reference source that presents the technological foundation, recent research findings, developments, and critical issues associated with blockchain technology from both computer science and social science perspectives. Featuring topics such as artificial intelligence, digital economy, and network technology, this book is ideally designed for academics, researchers, industry leaders, IT consultants, engineers, programmers, practitioners, government officials, policymakers, and students.

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#### **UNDERSTANDING AND USING ENGLISH GRAMMAR**

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**Allyn & Bacon** The Workbook consists solely of self-study exercises, with answers included, providing students the opportunity to explore and practice grammar independently. It is keyed to explanatory grammar charts in both the Student Book and the Chartbook. *Understanding and Using English Grammar* is a classic developmental skills text for intermediate to advanced English language learners.

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#### **HANDBOOK OF E-BUSINESS SECURITY**

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**CRC Press** There are a lot of e-business security concerns. Knowing about e-business security issues will likely help overcome them. Keep in mind, companies that have control over their e-business are likely to prosper most. In other words, setting up and maintaining a secure e-business is essential and important to business growth. This book covers state-of-the-art practices in e-business security, including privacy, trust, security of transactions, big data, cloud computing, social network, and distributed systems.

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#### **WORLD REPORT 2022**

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#### **EVENTS OF 2021**

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**Seven Stories Press** The best country-by-country assessment of human rights. The human rights records of more than ninety countries and territories are put into perspective in Human Rights Watch's signature yearly report. Reflecting extensive investigative work undertaken by Human Rights Watch staff, in close partnership with domestic human rights activists, the annual World Report is an invaluable resource for journalists, diplomats, and citizens, and is a must-read for anyone interested in the fight to protect human rights in every corner of the globe.

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#### **THE DUKE ELDER EXAM OF OPHTHALMOLOGY**

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#### **A COMPREHENSIVE GUIDE FOR SUCCESS**

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**CRC Press** *The Duke Elder Exam of Ophthalmology - A Comprehensive Guide for Success* is an indispensable resource for any student wishing to achieve the highest mark on the Duke Elder Exam and receive a prize. With expert knowledge of students and doctors that have scored high on the exam, along with the supervision of well-regarded ophthalmologists and trainees, we believe this is the only resource you will need to achieve a high score on the exam. Key Features In-depth coverage of the Duke Elder Curriculum including the basic sciences, anatomy, optics and all subspecialties of ophthalmology Full colour and easy to read with clinical photographs and diagrams to aid in the understanding of key topics 180 SBAs, which accurately reflect the format and difficulty of the exam

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#### **OXFORD TEXTBOOK OF SUICIDOLOGY AND SUICIDE PREVENTION**

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**Oxford University Press** *The Oxford Textbook of Suicidology* is the most comprehensive textbook on suicidology and suicide prevention that has ever been published. It is written by world-leading specialists and describes all aspects of suicidal behaviour and suicide prevention, including psychological, cultural, biological, and sociological factors.

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#### **HANDBOOK OF INFORMATION AND COMMUNICATION SECURITY**

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**Springer Science & Business Media** At its core, information security deals with the secure and accurate transfer of information. While information security has long been important, it was, perhaps, brought more clearly into mainstream focus with the so-called "Y2K" issue. The Y2K scare was the fear that computer networks and the systems that are controlled or operated by software would fail with the turn of the millennium, since their clocks could lose synchronization by not recognizing a number (instruction) with three zeros. A positive outcome of this scare was the creation of several Computer Emergency Response Teams (CERTs) around the world that now work - operatively to exchange expertise and information, and to coordinate in case major problems should arise in the modern IT environment. The terrorist attacks of 11 September 2001 raised security concerns to a new level. The international community responded on at least two fronts; one front being the transfer of reliable information via secure networks and the other being the collection of information about potential terrorists. As a sign of this new emphasis on security, since 2001, all major academic publishers have started technical journals focused on security, and every major communications conference (for example, Globecom and ICC) has organized workshops and sessions on security issues. In addition, the IEEE has created a technical committee on Communication and Information Security. The first editor was intimately involved with security for the Athens Olympic Games of 2004.

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#### **THE QUR'AN, MORALITY AND CRITICAL REASON**

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#### **THE ESSENTIAL MUHAMMAD SHAHRUR**

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**BRILL** This is the first book-length presentation of Muhammad Shahrur's ideas in English, explaining his ideas on the need for a contemporary re-reading of the Qur'an, a reform of Islamic law and the necessity of freedom of belief in Islam, and other vital issues of Islamic thought and practice.

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**WATERFLOODING**

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Waterflooding begins with understanding the basic principles of immiscible displacement, then presents a systematic procedure for designing a waterflood.

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**PVT PROPERTY CORRELATIONS**

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**SELECTION AND ESTIMATION**

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Gulf Professional Publishing PVT properties are necessary for reservoir/well performance forecast and optimization. In absence of PVT laboratory measurements, finding the right correlation to estimate accurate PVT properties could be challenging. PVT Property Correlations: Selection and Estimation discusses techniques to properly calculate PVT properties from limited information. This book covers how to prepare PVT properties for dry gases, wet gases, gas condensates, volatile oils, black oils, and low gas-oil ratio oils. It also explains the use of artificial neural network models in generating PVT properties. It presents numerous examples to explain step-by-step procedures in using techniques designed to deliver the most accurate PVT properties from correlations. Complimentary to this book is PVT correlation calculator software. Many of the techniques discussed in this book are available with the software. This book shows the importance of PVT data, provides practical tools to calculate PVT properties, and helps engineers select PVT correlations so they can model, optimize, and forecast their assets. Understand how to prepare PVT data in absence of laboratory reports for all fluid types Become equipped with a comprehensive list of PVT correlations and their applicability ranges Learn about ANN models and their applications in providing PVT data Become proficient in selecting best correlations and improving correlations results

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**THE POCKET GUIDE TO CRITICAL THINKING**

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Wadsworth Publishing Company This handy book is a summary and guide to the art of reasoning well in academic pursuits and in everyday life. The Second Edition of Epstein's comprehensive text, CRITICAL THINKING, set a new standard of pedagogical excellence and provided a well-integrated approach to the subject. This brief "pocket guide" provides the same benefits in a trimmed-down fashion, covering the essentials. This latest edition includes revised examples that are more inter-disciplinary in scope.

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**THE CHANGING FACE OF ESP IN TODAY'S CLASSROOM AND WORKPLACE**

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Vernon Press Despite the growth and development of English for Specific Purposes (ESP) as an area of study since the 1960s, few books related to classroom applications in combination with other disciplines such as Content and Language Integrated Learning (CLIL), English Language Teaching (ELT), or English as a Medium of Instruction (EMI), exist. Each section of this volume includes scholarly written studies from across the globe, indicating the extent and the importance ESP has in the current academic world. Filling the present void in available material on this subject, this book contains various useful and effective applications of ESP, teaching activities for classroom settings, as well as insights on how ESP can be combined with, and adopted by, other disciplines. Written from a variety of backgrounds and perspectives, this text is sure to contribute to this field and will be of interest to ESP teachers, as well as postgraduate and undergraduate students.