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The History Guide of Saudi Arabia Introduction to Vassiliev Episode Knot Invariants Application Oil of Computational Techniques in Pharmacy and Medicine King Faisal Oil of Saudi Arabia Africa and Episode the Formation of the New System of International Relations Change Hero of the Crossing Shell-like Structures Oil Handbook of Research on Renewable Energy and Guide Electric Resources for Sustainable Rural Development Oil Complex Analysis and Dynamical Systems Of Episode Sand Or Soil A Brief History of Saudi Arabia Oil Chasing Change a Mirage The Change Automotive Transmission Book Detection and Change Disposal of Improvised Explosives Fashion Meets Guide Socialism Episode Losing Military Supremacy King Faisal Guide Mathematicians of the World, Episode Unite! Subsistence and Society in Change Prehistory Advances in Theory and Practice of Computational Oil Mechanics Chess Oil Evolution 1 Trade and Civilisation Episode Guide Rethinking the Chess Pieces Russia's Guide Middle East Policy What Is Russia Up To in the Middle Change East? Cosmological Inflation, Dark Matter Oil and Dark Energy The Chief Culprit Episode The Film Sense Change Fiber Episode Optics Legends Episode of the Fire Spirits Princess Oil Sultana's Daughters Oil Composites and Their Properties Cold War in the Islamic Episode World Vera The Nihilists(EasyRead Large Oil Bold Edition) Humic Substances Change Everyday Guide Life and Consumer Culture in Eighteenth-Century Damascus Intelligent Computing and Guide Optimization Russia's New Authoritarianism Episode History of the Russian Revolution: Volume 3 Guide Poems Guide

explains how recent scientific advances have revolutionised our understanding of prehistoric diet economy Episode and society this book tells you all you want to know about optical fibers their structure their light guiding mechanism their material and manufacture their use it began with telephone then came telefax and email today we use search engines music downloads and internet videos all of which require shuffling of bits and bytes by the zillions the key to all this is the conduit the line which is designed to carry massive amounts of data at breakneck speed in their data carrying capacity optical fiber lines beat all other technologies copper cable microwave beacons satellite links hands down at least in the long haul wireless devices rely on fibers too several effects tend to degrade the signal as it travels down the fiber they are spelled out in detail nonlinear processes are given due consideration for a twofold reason on the one hand they are fundamentally Oil different from the more familiar processes in electrical cable on the other hand they form the basis of particularly interesting and innovative applications provided they are understood well enough a case in point is the use of so called solitons i e special pulses of light which have the wonderful property of being able to heal after perturbation the book will take you from the physical basics of ray and beam optics explain fiber structure and the functions of optical elements and bring you to the forefront of both applications and research the state of the art of high speed data transmission is described and the use of fiber optic sensors in metrology is treated the book is written in a pedagogical style so that students of both physics and electrical engineering as well as technicians and engineers involved in optical technologies will benefit the new edition is largely updated and has new sections on nonlinear phenomena in fibers as well as on the latest trends in applications chess evolution 1 concludes artur yusupov s fundamentals series helping players to build their skills Change on solid foundations yusupov guides the reader towards a higher level of chess understanding using carefully selected positions and advice this new understanding is then tested by a series of puzzles page 4 of cover the proposed volume provides both fundamental and detailed information about the computational and computational experimental studies which improve our knowledge of how leaving matter functions the different properties of drugs including the calculation and the design of new ones and the creation of completely new ways of treating numerical diseases whenever it is possible the interplay between theory and experiment is provided the book features computational techniques such as quantum chemical and molecular dynamic approaches and quantitative structure activity Episode relationships the initial chapters describe the state of the art research on the computational investigations in molecular biology molecular pharmacy and molecular medicine performed with the use of pure quantum chemical techniques the central part of the book illustrates the status of computational techniques that utilize hybrid so called qm mm approximations as well as the results of the qsar studies which now are the most popular in predicting drugs efficiency the last chapters describe combined computational and experimental investigations for four decades saudi arabia and iran have vied for influence in the muslim world at the heart of this ongoing cold war between riyadh and tehran lie the sunni shia divide and the two countries intertwined histories saudis see this as a conflict between sunni and shia iran s ruling clerics view it as one between their own islamic republic and an illegitimate monarchy this foundational schism has played out in a geopolitical competition for dominance in the region iran has expanded its influence in syria iraq and lebanon while saudi arabia s hyperactive crown prince muhammad bin salman has intervened in yemen isolated qatar and destabilized lebanon dilip hiro examines the Oil toxic rivalry between the two countries tracing its roots and asking whether this islamic cold war is likely to end any time soon this vividly Guide illustrated history of the international congress of mathematicians a meeting of mathematicians from around the world held roughly every four years acts as a visual history of the 25 congresses held between 1897 and 2006 as well as a story of changes in the culture of mathematics over the past century because the congress is an international meeting looking at its history allows us a glimpse into the effect of wars and strained relations between nations on the scientific community in 1964 faisal bin abdul aziz became king of a country holding a quarter of the world s oil reserves also home to mecca and medina he was called the most powerful arab ruler in centuries eleven years later in front of television cameras his nephew shot him at point blank range in this authoritative biography alexei vassiliev tells the story of a pious cautious and resolute leader who steered saudi arabia through a minefield of domestic problems inter arab Change relations and the decline of soviet influence in the middle east king faisal maintained ties with both egypt and the united states through two arab israeli wars and the 1973 arab oil embargo which revolutionized the world energy market throughout he staked high hopes on cooperation with the us a relationship that is still vital to both countries interests the russian revolution of 1917 can be regarded as the greatest event in human history for the first time millions of workers and peasants took political power into their own hands sweeping aside the despotic rule of the capitalists and landlords and setting out to create a socialist world order based upon the rule of the soviet of workers soldiers and peasants deputies capitalism had broken at its weakest link the russian revolution heralded the beginning of the world revolution inspiring the hopes and dreams of millions notwithstanding the terrible backwardness of russia the new socialist soviet republic represented a decisive threat to the world capitalist order it struck terror in the ruling classes everywhere which rightly regarded it as a threat to Guide their power and privileges leon trotsky history of these events is a masterpiece it was the first time that a scientific history of a great event has been written by a man who played a dominant part in it together with lenin he led the bolshevik revolution and lived throughout its stormy events however this book is not simply a dramatic narrative but a profound analysis of the inner forces of the revolution it remains by far the best account of the russian revolution today this volume covers the lead up to the october revolution and the triumph of the soviets third edition of international conference on intelligent computing and optimization and as a premium fruit this book pursue to gather research leaders experts and scientists on intelligent computing and optimization to share knowledge experience and current research achievements conference and book provide a unique opportunity for the global community to interact and share novel research results explorations and innovations among colleagues and friends this book is published by springer advances in intelligent Change systems and computing ca 100 authors submitted full papers to ico 2020 that global representation demonstrates the growing interest of the research community here the book covers innovative and creative research on sustainability smart cities meta heuristics optimization cyber security block chain big data analytics iots renewable energy artificial intelligence industry 4 0 modeling and simulation we editors thank all authors and reviewers for their important service best high quality papers have been selected by the international pc for our premium

series with springer this book presents essential information on systems and interactions in automotive transmission technology and outlines the methodologies used to analyze and develop transmission concepts and designs functions of and interactions Oil between components and subassemblies of transmissions are introduced providing a basis for designing transmission systems and for determining their potentials and properties in vehicle specific applications passenger cars trucks buses tractors and motorcycles with these fundamentals the presentation provides universal resources for both state of the art and future transmission technologies including systems for electric and hybrid electric vehicles how has saudi arabia managed to Oil maintain its arab and islamic values while at the same time adopting western technology and a market economy how have its hereditary leaders who govern with a mixture of political pragmatism and religious zeal managed to maintain their power this comprehensive history of saudi arabia from 1745 to the present provides insight into its culture and politi its powerful oil industry its relations with its neighbours and the ongoing influence of the wahhabi movement based on a wealth of arab american british western and eastern european sources this book will stand as the definitive account of the largest state on the arabian peninsula a choice outstanding academic book if you read or own just one book on saudi arabia make sure it is this one middle east quarterly combines a wealth of fascinating detail with rigorous and penetrating analysis bernard lewis an outstanding book a study of the saudi state rich in historical documentation comprehensive and measured fred halliday it will become required reading for all those interested in the country s shaping and development over the past two centuries tim niblock the haunting sequel to princess recounts princess sultana s story of her two daughters growing up within and rebelling against religious zeal and the male dominated society of saudi arabia copyright libri gmbh all rights reserved Episode the eyes of the world are on the middle east today more than ever this deeply troubled region is the focus of power games between major global players vying for international influence absent from this scene for the past quarter century russia is now back with gusto yet its motivations decision making processes and strategic objectives remain hard to pin down so just what is russia up to in the middle east in this hard hitting essay leading analyst of russian affairs dmitri trenin cuts through the hyperbole to offer a clear and nuanced analysis of russia s involvement in the middle east and its regional and global ramifications russia he Oil argues cannot and will not supplant the u s as the leading external power in the region but its actions are accelerating changes which will fundamentally remake the international system in the next two decades the book presents mathematical and mechanical aspects of the theory of plates and shells applications in civil aero space and mechanical engineering as well in other areas the focus relates to the following problems comprehensive review of the most Change popular theories of plates and shells relations between three dimensional theories and two dimensional ones presentation of recently developed new refined plates and shells theories for example the micropolar theory or gradient type theories modeling of coupled effects in shells and plates related to electromagnetic and temperature fields phase transitions diffusion etc applications in modeling of non classical objects like for example nanostructures presentation of actual numerical tools based on the finite element approach in eleven dramatic years anwar sadat changed history not just that of egypt or of the middle east but of the entire world as the architect of the 1973 war against israel he gained the support of other arab nations and inspired the oil embargo that transformed the global economy following the war however he forever ended arab aspirations of unity by making peace with israel early in his presidency sadat jettisoned egypt s alliance with the soviet union and turned to the united states thereby giving the west a crucial cold war victory sadat s historic tenure still resonates in the twenty first century as the islamic activists whom he originally encouraged but who opposed his conciliatory Change policy toward israel and ultimately played a role in his assassination continue to foster activism including the muslim brotherhood today thomas w lippman was stationed in the middle east as a journalist during sadat s presidency and lived in egypt in the aftermath of the october war he knew sadat personally but only now after the passage of time and the long delayed release of the u s state department s diplomatic files can lippman assess the full consequences of sadat s presidency hero of the crossing provides an eye opening account of the profound reverberations of one leader s political cultural and economic maneuverings and legacy the soviet union was not renowned for its fashionable clothing however after the world war ii the soviet government opened several parallel organizations of fashion design with fashion houses and ateliers all over the country the post war decades witnessed hot debates on destalinization economic and social reforms and the increasing importance of the public opinion the cold war and the peaceful competition between the two systems left their marks on clothes fashion fashion offers a good insight into soviet economic planning despite increasing opulence soviet consumers were not satisfied soviet experts on fashion propagated small series of fashionable clothing and the opening of boutiques which never seriously challenged industrial mass production using a great variety of unique historical sources the book analyzes the changing economic social and cultural conditions of soviet fashion which faced many problems but had real achievements to show too Oil this book discusses the prospects for the development of the african continent as part of the emerging system of international relations in the twenty first century african countries are playing an increasingly important part in the current system of international relations nevertheless even 60 years after gaining their independence most of them are confronted with regional and global issues that are directly related to their colonial past and its influence due to africa s wealth of natural and geopolitical resources the possibility of Change interference in the internal affairs of african countries on the part of new and traditional global actors remains very real leading africanists together with international scholars from both international relations and african studies examine the experience of decolonization the impact of the emergence of a unipolar world on the african continent and the growing influence of new international actors on the african continent in the twenty first century in addition the importance of african countries foreign policy concepts and ideological attitudes in the post bipolar period is revealed this volume strengthens the intellectual bridge between russian african and western scholars of international relations strongly recommended vladimir g shubin institute for african studies russian academy of sciences this book presents a wide range of prominent global scholars who bring a wealth of knowledge on the subject of africa and the world gilbert khadiagala jan smuts professor of international relations and director of the african centre for the study of the usa acus at the university of the witwatersrand johannesburg south africa as a genuine contribution to the field of international relations and global south agency this book should be in every institution of higher education s library lembe tiky director of academic development international studies association the author analyzes newly released documents concerning stalin s strategic Oil design to conquer europe and reasons behind his controversial support of nazi germany this book collects lectures of an international nato russian advanced Change research workshop on detection and disposal of improvised explosives ie used by terrorists the disposal of ie is especially dangerous because they are often much more unstable and mechanically more sensitive than commercial or military explosives this text covers detection of explosives by different analytical methods and the different shape and compositions of the explosive charge and offers up to date advice on handling and disposal an Episode important u s ally in the middle east this book focuses on developments in complex dynamical systems and geometric function theory over the past decade showing strong links with other areas of mathematics and the natural sciences traditional methods and approaches surface in physics and in the life and engineering sciences with increasing frequency the schramm loewner evolution laplacian growth and quadratic differentials are just a Oil few typical examples this book provides a representative overview of these processes and collects open problems in the various areas while at the same time showing where and how each particular topic evolves this volume is dedicated to the memory of alexander vasiliev an energy a pulse form of quantum physics perhaps alive at the margins of sleep or madness and more often in the whispering of a single unwelcome thought the economist according to islamic tradition allah created three types of beings angels made of light humans made of earth and jinn made of smokeless fire supernatural shape shifting intelligent and blessed with free will and remarkable powers jinn have over the ages been given many names demon spirit ghouel genie ifrit and shaitan neither human nor immortal they roam the earth inhabiting dark and empty places luring humans to their deaths or demonically possessing them if harmed or offended despite the fact they cannot be seen jinn are said to be strangely human like marrying bearing children forming communities and tribes eating sleeping playing and facing judgement like any other human they are ever present partners in the human experience causing endless mischief providing amazing services and sometimes inducing sheer terror believed in by hundreds of millions of people throughout the world and from all faiths jinn have played a particularly central role in the literature culture and belief systems of the middle east and the islamic world legends of the fire spirits explores through time and across nations the enduring phenomenon of the jinn from north africa to central asia from the mediterranean to sub saharan africa and beyond this riveting often chilling yet reasoned book draws on long forgotten ancient testimonies medieval histories colonial records anthropologist s reports and traveller s tales to explore the different types of jinn their behaviour

society culture and long history of contact with humankind it documents their links with famous figures in history such as king solomon Guide and the queen of sheba and illustrates the varied and vivid portrayals of jinn in world literature in essence legends of the fire spirits demonstrates the colourful diversity of human culture and the durability of faith and is a magnificent and indispensable portrayal of the rich folklore of the islamic world a renowned soviet director discusses his theory of film as an artistic medium which must appeal to all senses and applies it to an analysis of sequences Oil from his major movies this extraordinary book charts the development of russia s relations with the middle east from the 1950s to the present it covers both high and low points the closeness to nasser s egypt followed by reversal the successful invasion of Episode afghanistan which later turned into a disaster the changing relationship with israel which was at some time surprisingly close the relationship with syria which continues to be of huge significance and much more written by one of russia s leading arabists who was himself involved in the formation and implementation of policy the book is engagingly written extremely insightful telling us things which only the author is in a position to tell us and remarkably frank not sparing senior soviet and russian figures from criticism the book includes material based on the author s conversations with other leading participants oscar fingal o flahertie wills wilde was an irish playwright poet and author of numerous short stories and one novel known for his Guide biting wit and a plentitude of aphorisms he became one of the most successful playwrights of the late victorian era in london and one of the greatest celebrities of his day several of his plays continue to be widely performed especially the importance of being earnest this book discusses physical and mathematical models numerical methods computational algorithms and software complexes which allow high precision mathematical modeling in fluid gas and plasma mechanics general mechanics deformable solid mechanics and strength destruction and safety of structures these proceedings focus on smart technologies and software systems that provide effective solutions to real world problems in applied mechanics at various multi scale levels highlighting the training of specialists for the aviation and space industry it is a valuable resource for experts in the field of Change applied mathematics and mechanics mathematical modeling and information technologies as well as developers of smart applied software systems professionals know that during the course of a game the value of chess pieces change and they use this knowledge to decide which pieces to exchange and when international grandmaster andrew soltis the author of bobby fischer rediscovered helps pass this important information on to novices so they can benefit too he investigates why the traditional chart of relative values or computer analysis so often fails to explain why certain trades and sacrifices work and others just don t Guide all the typical decisions a player has to make such as whether to swap two minor pieces for rook and pawn receive detailed scrutiny players will appreciate the insightful analysis a detailed exposition of the theory with Change an emphasis on its combinatorial aspects in chasing a mirage tarek fatah writes islamists argue that the period following the passing away of muhammad was islam s golden era and that we muslims need to re create that caliphate to emulate that political system in today s world i wish to demonstrate that when muslims buried the prophet they also buried with him many of the universal values of islam that he had preached the history of islam can be described essentially as the history of an unending power struggle where men have killed each other to claim the mantle of muhammad this strife is a painful story that started within hours of the prophet closing his eyes forever and needs to be told i firmly believe the message of the quran is strong enough to withstand the facts of history it is my conviction that muslims are mature and secure in their identities to face the truth this is that story advance praise for chasing a mirage tarek fatah has written a provocative and challenging book which is a must read for anyone who cares about these issues janice gross stein chasing a mirage is an extremely valuable contributing to the fight by progressive muslims against islamist fascism this book should be required reading for the left in the west who have mistakenly started believing that islamists represent some sort of anti imperialism farooq tariq fatah argues passionatley for universalism instead of exclusivism integration instead of ghettoism and makes a powerful appeal for the silent majority of muslims to speak out before it is too late this work of courage and daring needs to be read widely pervez hoodbhoy this fascinating work by brave and bri8lliant tarek fatah is simultaneously thought provoking instructive and enlightening for laymen and scholars muslims and non muslim an invaluable and rare addition to the corpus of islamic literature in the post 9 11 world a bold step towards islamic reformation and enlightenment taj hashmi tarek fatah s is a voice that needs to be heard canada needs a healthy reasoned debate about the issues he is raising and indeed so does the world bob rae this fascinating work by brae and brilliant tarek fatah is simultaneously thought provoking instructive and enlightening for laymen and scholars muslim and non muslim an invaluable and rare addition to the corpus of islamic literature in the post 9 11 world a bold step towards islamic reformation and enlightenment taj hashmi tarek fatah s is a voice Guide that needs to be heard canada needs a healthy reasoned debate about the issues he is raising and indeed so does the world bob rae member of parliament canada marytanov explains why and how the us armed forces have lost the military supremacy they thought they Oil once had and how russia which supposedly had been defeated in the cold war succeeded not only in catching up with usa but actually surpassing it in many key domains such as long range cruise missiles diesel electric submarines air defenses electronic warfare air superiority and many others andrei martyanov s book is an absolute must read for any person wanting to understand the reality of modern warfare and super power competition the saker while exceptionalism is not unique to america the intensity of their conviction and its global ramifications are this view of its exceptionalism has led the us to grossly misinterpret sometimes deliberately the causative factors of key events of the past two centuries accordingly the wrong conclusions have been derived and very wrong lessons learned nowhere has this been more manifest than in american military thought and its actual application of military power time after time the american military has failed to match lofty declarations about its superiority producing instead a mediocre record of military accomplishments starting from the korean war the united states hasn t won a single war against a technologically inferior but mentally tough enemy the technological dimension of american strategy has completely overshadowed any concern with the social cultural operational and even tactical requirements of military and political conflict with a new cold war with russia emerging the united states enters a new period of geopolitical turbulence completely unprepared in any meaningful way intellectually economically militarily or culturally to face a reality which was hidden for the last 70 years behind the curtain of never ending chalabi moments and a strategic delusion concerning russia whose history the us viewed through a solzhenitsified caricature kept alive by a powerful neocon lobby which even today dominates us policy makers minds martyanov s former soviet military background enables deep insight into the fundamental issues of warfare and military power as a function of national power assessed correctly not through the lens of wall street economic indices and a fire economy but through the numbers of enclosed technological cycles and culture much of which has been shaped in russia by continental warfare and which is practically absent in the us damascus was for centuries a center of learning and commerce drawing on the city s dazzling literary tradition a rich collection of poetry chronicles travel accounts and biographical dictionaries as Episode well as on islamic court records james grehan explores the material culture of premodern damascus reconstructing the economic infrastructure social customs and private consumer habits that dominated this cosmopolitan hub in the 1700s he sketches a lively history of diet furniture fashion and other aspects of daily life providing an unusual and intimate account of the choices constraints and compromises that defined consumer behavior coffee tobacco and light firearms had arisen as new luxury items in preceding centuries and grehan traces the usage of such goods in order to get a picture of the overall standard of living in the premodern middle east he looks particularly at how wealth and poverty were defined and how consumption patterns expressed notions of taste class and power illuminating the prominent role played by damascus in shaping the economy and culture of the middle east in assessing the magnitude of social change in modern times we have few benchmarks from the period preceding the onset of modernity in the nineteenth century this informative study will make possible more precise cultural and economic comparisons between different parts of the world as it stood on the brink of a radically new economic and political order the book s focus on a little examined period and region will appeal to scholars and students of urban social history and arab popular culture various cosmological observations support not only cosmological inflation in the early universe which is also known as exponential cosmic expansion but also that the expansion of the late time universe is accelerating to explain this phenomenon the existence of dark energy is proposed in addition according to the rotation curve of galaxies the existence of dark matter which does not shine is also suggested if primordial gravitational waves are detected in the future the mechanism for realizing inflation can be revealed moreover there exist two main candidates for dark matter the first is a new particle the existence of which is predicted in particle physics the second is an astrophysical object which is not found by electromagnetic waves furthermore there are two representative approaches to account for the accelerated expansion of the current universe one is to assume the unknown dark energy in general relativity the other is

to extend the gravity theory to large scales investigation of the origins of inflation dark matter and dark energy is one of the most fundamental problems in modern physics and cosmology the purpose of this book is to explore the physics and cosmology of inflation dark matter and dark energy Oil composites are a class of material which receives much attention not only because it is on the cutting edge of active material research fields due to appearance of many new types of composites e g nanocomposites and bio medical composites but also because there are a great deal of promises for their potential applications in various industries ranging from aerospace to construction due to their various outstanding properties this book mainly deals with fabrication and property characterization of various composites by focusing on the following topics functional and structural nanocomposites numerical and theoretical modelling of various damages in long fiber reinforced composites and textile composites design processing Episode and manufacturing technologies and their effects on mechanical properties of composites characterization of mechanical and physical properties of various composites and metal and ceramic matrix composites this book has been divided into five sections to cover the above contents provides the first global analysis of the relationship between trade and civilisation from the beginning of civilisation until the modern era Guide present in soil and water humic substances are the most widespread organic compounds naturally occurring from a physical chemical and microbiological transformation of biomolecules they represent about 25 of Guide the total organic carbon on the earth and comprise up to 75 of the dissolved organic carbon in water making them important for multiple environmental processes in both soil and aquatic systems despite many decades of extensive study the formation mechanisms of humic substances are still a subject of discussion and controversy this book examines the dynamics of humic substances their physicochemical and biological properties and methods for their extraction and characterization the book also sheds light on recent advances and applications of humic substances in agriculture environment industry and medicine why do tribal genealogies matter in modern day saudi arabia what compels the strivers and climbers of the new saudi arabia to want to prove their authentic descent from one or another prestigious arabian tribe of sand or soil looks at how genealogy and tribal belonging have informed the lives of past and Oil present inhabitants of saudi arabia and how the saudi government s tacit glorification of tribal origins has shaped the powerful development of the kingdom s genealogical culture nadav samin presents the first extended biographical exploration of the major twentieth century saudi scholar amad al j sir whose genealogical studies frame the story about belonging and identity in the modern kingdom samin examines the interplay between al j sir s genealogical project and his many hundreds of petitioners mostly saudis of nontribal or lower status origin who sought validation of their tribal roots in his genealogical texts investigating the saudi relationship to this opaque orally inscribed historical tradition samin considers the consequences of modern saudi genealogical politics and how the most intimate anxieties of nontribal saudis today are amplified by the governing strategies and kinship ideology of the saudi state challenging the impression that saudi culture is determined by puritanical religiosity or rentier economic principles of sand or soil shows how the exploration and establishment of tribal genealogies have become influential phenomena in contemporary saudi society beyond saudi arabia this book casts important new light on the interplay between kinship ideas oral narrative and state formation in rapidly changing societies david g lewis explores the transformation of russian domestic politics and foreign policy under vladimir putin using contemporary case studies Guide including russia s legal system the annexation of crimea and russian policy in syria he critically examines russia s new authoritarian political ideology to maintain a healthy ecosystem for contemporary society and for future generations policies must be implemented to protect the environment this can be achieved by consistent evaluation of new initiatives and strategies the handbook of research on renewable energy and Guide electric resources for sustainable rural development is a critical scholarly resource that examines efficient use of electric resources and renewable energy sources which have a positive impact on sustainable development featuring coverage on cogeneration thermal modules photovoltaic pv solar and renewable energy systems res application practices this publication is geared towards academics practitioners professionals and upper level students interested in the latest research on renewable energy and electric resources for sustainable rural development a detailed and fascinating biography the economist a masterpiece of scholarship vassiliev has managed to bring to life the legacy of one of saudi arabia s most interesting and influential figures anoush ehteshami durham university in 1964 faisal bin abdul aziz became king of a country holding a quarter of the world s oil reserves also home to Episode mecca and medina he was called the most powerful arab ruler in centuries eleven years later in front of television cameras his nephew shot him at point blank range in this authoritative biography alexei vassiliev tells the story of a pious cautious and resolute leader who steered saudi arabia through a minefield of domestic problems inter arab relations and the decline of soviet influence in the middle east king faisal maintained ties with both egypt and the united states through two arab israeli wars and the 1973 arab oil embargo which revolutionized the world energy market throughout he staked high hopes on cooperation with the united states arelationship that is still vital to both countries interests exhaustively researched and including original documents and interviews in arabic russian and english king faisal of saudi arabiaoffers a unique perspective of this seminal figure and is key to understanding the arab world today alexei vassiliev is honorary president of the institute for african studies at the russian academy of sciences he is the author of over forty books including the acclaimedthe history of saudi arabia winner of the choice outstanding academic book award andcentral asia political and economic challenges in the post soviet era