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Numerical Computing with MATLAB - Cleve B. Moler 2010-08-12

A revised textbook for introductory courses in numerical methods, MATLAB and technical computing, which emphasises the use of mathematical software.

Eyes of Artillery - Edgar F. Raines 2000

Lignin - Matheus Poletto 2018-03-21

Lignin - Trends and Applications consists of 11 chapters related to the lignin structure, modification, depolymerization, degradation process, computational modeling, and applications. This is a useful book for readers from diverse areas, such as physics, chemistry, biology, materials science, and engineering. It is expected that this book may expand the reader's knowledge about this complex natural polymer.

TEXES Core Subjects EC-6 Mathematics (802) Exercise Book 2020-2021 - Reza Nazari

Get ready for the TEXES Core Subjects EC-6 Mathematics Test with a PERFECT Math Workbook! TEXES Core Subjects EC-6 Mathematics (802) Exercise Book 2020-2021, which reflects the 2020 - 2021 test guidelines, represents extensive exercises, math problems, sample TEXES questions, and quizzes with answers and detailed solutions to help you hone your math skills, overcome your exam anxiety, boost your confidence—and do your best to ace the TEXES Math test. The surest way to succeed on the TEXES Math Test is with intensive practice in every math concept tested—and that's what you will get in TEXES Core Subjects EC-6 Mathematics (802) Exercise Book 2020-2021. Not only does this comprehensive exercise book review all math topics you will need to defeat the TEXES Math test, but it also offers two full-length and realistic TEXES Math tests that reflect the format and question types on the TEXES to help you check your exam-readiness and identify where you need more practice. This comprehensive exercise book for the Math section of the TEXES test contains many exciting and unique features to help you improve your test scores, including: Content 100% aligned with the 2020 TEXES Core Subjects EC-6 Mathematics Complete coverage of all TEXES Math concepts and topics which you will be tested Numerous TEXES math practice questions in both multiple-choice and grid-in formats with answers grouped by topic, so you can focus on your weak areas Abundant Math skill-building exercises to help test-takers approach different question types that might be unfamiliar to them 2 full-length practice tests (featuring new question types) with detailed answers TEXES Core Subjects EC-6 Mathematics (802) Exercise Book 2020-2021 and other Effortless Math Education books are used by thousands of test-takers each year to help them review core content areas, brush-up in math, discover their strengths and weaknesses, and achieve their best scores on the TEXES test. Visit www.EffortlessMath.com for Online Math Practice

Twelve Years a Slave - Solomon Northup 2021-01-01

"Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free State—and having at the end of that time been kidnapped and sold into Slavery, where I remained, until happily rescued in the month of January, 1853, after a bondage of twelve years—it has been suggested that an account of my life and fortunes would not be uninteresting to the public." -an excerpt

Artificial Intelligence on Fashion and Textiles - Wai Keung Wong 2018-10-13

The book includes the Proceedings of the Artificial Intelligence on Fashion and Textiles conference 2018 which provides state-of-the-art techniques and applications of AI in the fashion and textile industries. It is essential reading for scientists, researchers and R&D professionals working in the field of AI with applications in the fashion and textile industry; managers in the fashion and textile enterprises; and anyone with an interest in the applications of AI. Over the last two decades, with the great advancement of computer technology, academic research in

artificial intelligence (AI) and its applications in fashion and textile supply chain has been becoming a very hot topic and has received greater attention from both academics and industrialists. A number of AI-related techniques has been successfully employed and proven to handle the problems including fashion sales forecasting, supply chain optimization, planning and scheduling, textile material defect detection, fashion and textile image recognition, fashion image and style retrieval, human body modeling and fitting, etc.

Truth and Reconciliation Commission of South Africa Report - South Africa. Truth and Reconciliation Commission 1999

CD contains the entire text of the five volume set.

Proceedings of the International e-Conference on Intelligent Systems and Signal Processing - Falgun Thakkar 2021-08-13

This book provides insights into the Third International Conference on Intelligent Systems and Signal Processing (eISSP 2020) held By Electronics & Communication Engineering Department of G H Patel College of Engineering & Technology, Gujarat, India, during 28-30 December 2020. The book comprises contributions by the research scholars and academicians covering the topics in signal processing and communication engineering, applied electronics and emerging technologies, Internet of Things (IoT), robotics, machine learning, deep learning and artificial intelligence. The main emphasis of the book is on dissemination of information, experience and research results on the current topics of interest through in-depth discussions and contribution of researchers from all over world. The book is useful for research community, academicians, industrialists and postgraduate students across the globe.

Governing the Ungovernable - Ishrat Husain 2018

Pakistan, since its independence in 1947, had to face tumultuous years for the first four decades. Despite the many challenges, both internal and external, the country was able to register a 6 per cent average annual growth rate during the first forty years of its existence. The country was ahead of India and Bangladesh in all economic and social indicators. Since 1990, the country has fallen behind its neighbouring countries and has had a decline in the growth rate. This book attempts to examine the reasons behind this slowdown, the volatile and inequitable growth of the last twenty-five years, and through a process of theoretical and empirical evidence argues that the most powerful explanatory hypothesis lies in the decay of institutions of governance. It also suggests a selective and incremental approach of restructuring some key public institutions that pertain to accountability, transparency, security, economic growth, and equity.

Development Handbook for the Juang of Juang Development Agency Area, Gonasika, Keonjhar District, Orissa - 2005

Education in the Seventies - United States. Office of Education. Office of Program Planning and Evaluation 1968

Sources of Gravitational Radiation - Larry L. Smarr 1979-09-27

Oncology in the Precision Medicine Era - Ravi Salgia 2019-12-17

This volume comprehensively reviews oncology in the precision medicine era of personalized care, latest developments in the field, and indications and clinical trials for the treatment of cancer with targeted therapies, immunotherapy, and epigenetic modulators. It thoroughly addresses concerns of various types of cancers including cancers of the head and neck, lung, colon, esophagus, bladder, pancreas, and breast; melanoma; multiple myeloma; hepatocellular carcinoma; renal cell carcinoma; and sarcomas. It is organized and written in a format that is easy to follow for both clinicians and non-clinical scientists interested in personalized medicine. Chapters cover the identification of the clinical problem and summary of recent findings, tumor biology and heterogeneity, genomics,

examples of simple and complex cases, biological pathways, future clinical trials, and financial considerations. Oncology in the Precision Medicine Era: Value-Based Medicine will serve as a useful resource for medical oncologists and healthcare providers tailoring medicine to the needs of the individual patient, from prevention and diagnosis to treatment and follow up.

Beaten But Not Broken - Vanessa Govender 2018-08

At the height of her journalism career, more than one million households across the country knew her name and her face. Her reportage on human suffering and triumph captivated viewers, and with it Vanessa Govender shot to fame as one of the first female Indian television news reporters in South Africa. Always chasing the human angle of any news story, Govender made a name for herself by highlighting stories that included the grief of a mother clutching a packet filled with the fragments of the broken bones of her children after they'd been hacked to death by their own father, and another story where she celebrated the feisty spirit of a little girl who was dying of old age, while holding onto dreams that would never be realised. Yet Govender, a champion for society's downtrodden, was hiding a shocking story of her own. In *Beaten But Not Broken*, she finally opens up about her deepest secret - one that so nearly ended her career in broadcast journalism before it had barely kicked off. She was a rookie reporter at the SABC in 1999. He was a popular radio disc jockey, the darling of the SABC's Lotus FM, a radio station catering to nearly half a million Indian people across South Africa. They were the perfect pair, or so it seemed. And if anyone suspected the nature of the abusive relationship, Govender says, she doesn't believe they knew the full extent of the horror that the popular DJ was inflicting on this intrepid journalist. The bruising punches, the cracking slaps, and the relentless episodes filled with beatings, kicking and strangling were as ferocious as the emotional and verbal abuse he hurled at her. No one would know the brutal and graphic details of Govender's story ... until now. In *Beaten But Not Broken*, this Indian woman does the unthinkable, maybe even the unforgivable, in breaking the ranks of a close-knit conservative community to speak out about her five-year-long hell in this abusive relationship. Her story also lays bare her heart-breaking experiences as a victim of childhood bullying and being ostracised by some in her community for being a dark-skinned Indian girl. Govender tells a graphic story of extreme abuse, living with the pain, and ultimately of how she was saved by her own relentless fighting spirit to find purpose and love. This is a story of possibilities and hope; it is a story of a true survivor.

Into the Heart of Darkness - Jacques Pauw 2017-12-06

Jacques Pauw has been an investigative journalist for more than three decades. Before the phenomenal success of *The President's Keepers*, he spent years tracking down apartheid death squads. *Into the Heart of Darkness*, first released in 1997, was the result of this work. Despite official denials and cover-ups, the rumours of apartheid's death squads have now been proved to be all too real. Hundreds of anti-apartheid activists were killed and thousands tortured by a group of bizarre assassins, the foot soldiers of apartheid's secret war. Jacques Pauw has been more closely involved with apartheid's killers than any other journalist. For more than seven years, he has hunted them down and become a witness to their secret and forbidden world. *Into the Heart of Darkness* will take you on a journey into the minds and lives of the men who went out to kill and kill again. What caused these souls to become so dark and guided them to so much evil?

In Silico Approach for Sustainable Agriculture - Devendra K. Choudhary 2018-07-23

This book explores the role of in silico deployment in connection with modulation techniques for improving sustainability and competitiveness in the agri-food sector; pharmacokinetics and molecular docking studies of plant-derived natural compounds; and their potential anti-neurodegenerative activity. It also investigates biochemical pathways for bacterial metabolite synthesis, fungal diversity and plant-fungi interaction in plant diseases, methods for predicting disease-resistant candidate genes in plants, and genes-to-metabolites and metabolites-to-genes approaches for predicting biosynthetic pathways in microbes for natural product discovery. The respective chapters elaborate on the use of in situ methods to study biochemical pathways for bacterial metabolite synthesis; tools for plant metabolites in defence; plant secondary metabolites in defence; plant growth metabolites; characterisation of plant metabolites; and identification of plant derived metabolites in the context of plant defence. The book offers an unprecedented resource, highlighting state-of-the-art research work that will greatly benefit researchers and students alike, not only in the field of agriculture but also in many disciplines in the life sciences and plant sciences.

Durban Curry, Up 2 Date - Erica Platter 2019

Chatsworth - Ashwin Desai 2013-11-08

In 1960, apartheid's planners created the 'Indian' township of Chatsworth, evicting people from established neighborhoods around Durban and forcibly settling them into the grid of a modern racial ghetto. Making a home within this architecture of exclusion, along streets without names, tens of thousands of new residents began building new lives and new communities, developing an urban space with a unique cultural vibrancy born of creativity and economic struggle. With the dismantling of 'Group Areas' legislation from 1990, and within South Africa's continually changing political landscape, the Chatsworth township has witnessed innovations of livelihood, shifting boundaries of identity, and protracted social challenges. This book brings together an exhilarating mix of voices that collectively tell the story of Chatsworth's origins, transformations, and ongoing rhythms of daily life. Its narrative richness is further enhanced with classic photographs, some dating back to the period of early settlement, as well as a contemporary photo essay by distinguished photographer, Jenny Gordon.

Advances in Numerical Methods in Geotechnical Engineering - Hany Shehata 2018-10-27

This volume deals with numerical simulation of coupled problems in soil mechanics and foundations. It contains analysis of both shallow and deep foundations. Several nonlinear problems are considered including, soil plasticity, cracking, reaching the soil bearing capacity, creep, etc. Dynamic analyses together with stability analysis are also included. Several numerical models of dams are considered together with coupled problems in soil mechanics and foundations. It gives wide range of modeling soil in different parts of the world. The volume is based on the best contributions to the 2nd GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures, Egypt 2018 - The official international congress of the Soil-Structure Interaction Group in Egypt (SSIGE).

Sustainable Polymers from Biomass - Chuanbing Tang 2017-02-17

Offering a unique perspective summarizing research on this timely important topic around the globe, this book provides comprehensive coverage of how molecular biomass can be transformed into sustainable polymers. It critically discusses and compares a few classes of biomass - oxygen-rich, hydrocarbon-rich, hydrocarbon and non-hydrocarbon (including carbon dioxide) as well as natural polymers - and equally includes products that are already commercialized. A must-have for both newcomers to the field as well as established researchers in both academia and industry.

Advanced Informatics for Computing Research - Dharm Singh 2017-07-21

This book constitutes the refereed proceedings of the First International Conference on Advanced Informatics for Computing Research, ICAICR 2017, held in Jalandhar, India, in March 2017. The 32 revised full papers presented were carefully reviewed and selected from 312 submissions. The papers are organized in topical sections on computing methodologies, information systems, security and privacy, network services.

Strategic Management: From Theory to Implementation - David E. Hussey 2007-06-01

A major textbook on strategic management which not only deals fully with the theoretical aspects of corporate planning, but also provides practical guidance on implementation. Now completely revised and updated this book is particularly suitable for the student or manager who needs to relate strategic thinking to current practice. The format has been enlarged and the interior of the book re-designed. The fourth edition treats both analytical and behavioural aspects of planning in depth. Strategic analysis is covered in particular detail, with examples reporting proven - and often original - applications of these theories. Six major case studies have been added to illustrate the application of strategic management theory in practice and a chapter discusses the impact of new approaches to strategy. With comprehensive reference lists, and a guide to research resources, this volume will prove invaluable to researchers and advanced students as well as to the practising manager. A lecturer's resource is available on the BH website which contains a Powerpoint presentation, additional case studies and notes and exercises for seminar use. Details are available by emailing bhmarketing@repp.co.uk 'a highly commendable piece of work, a true compendium for the practitioner and student of planning.' - *Journal of Strategic Change* (review of the third edition)

Unbelievable! - Myan Subrayan 2014-04-02

At the 2012 Olympics Chad le Clos, a twenty-year-old from Durban, astounded the world by achieving the 'unbelievable': he beat Michael Phelps, his childhood hero and the world's number one swimmer, in the 200 metres butterfly final. This book tells all about the making of a swimming sensation - in the words of the golden boy himself, his family and those who have stood by him from the start. It is an encouraging account of realising the ultimate goal, not through chance, but with the resolute support of family and friends and Chad's own relentless dedication to his sport. Taking its title from his dad, Bert le Clos', famous exclamation on BBC TV when his son defeated Phelps, this book follows Chad's rise to Olympic stardom. An inspirational story for all wishing to achieve beyond what may seem possible.

The evolving role of national parliaments in the European Union - Gavin Barrett 2018-03-05

The evolution in parliaments' roles, the reasons for this and the challenges that lie in wait for future progress are all considered, with Ireland's stop-start parliamentary adaptation, the role of the Lisbon Treaty and economic crises in accelerating reform carefully analysed.

Advanced Informatics for Computing Research - Ashish Kumar Luhach 2019-09-16

This two-volume set (CCIS 1075 and CCIS 1076) constitutes the refereed proceedings of the Third International Conference on Advanced Informatics for Computing Research, ICAICR 2019, held in Shimla, India, in June 2019. The 78 revised full papers presented were carefully reviewed and selected from 382 submissions. The papers are organized in topical sections on computing methodologies; hardware; information systems; networks; software and its engineering.

Monty Naicker - Ashwin Desai 2010-01-01

The African Film Industry - UNESCO 2021-10-01

The production and distribution of film and audiovisual works is one of the most dynamic growth sectors in the world. Thanks to digital technologies, production has been growing rapidly in Africa in recent years. For the first time, a complete mapping of the film and audiovisual industry in 54 States of the African continent is available, including quantitative and qualitative data and an analysis of their strengths and weaknesses at the continental and regional levels. The report proposes strategic recommendations for the development of the film and audiovisual sectors in Africa and invites policymakers, professional organizations, firms, filmmakers and artists to implement them in a concerted manner.

Image Sensors and Signal Processing for Digital Still Cameras - Junichi Nakamura 2017-12-19

Shrinking pixel sizes along with improvements in image sensors, optics, and electronics have elevated DSCs to levels of performance that match, and have the potential to surpass, that of silver-halide film cameras. *Image Sensors and Signal Processing for Digital Still Cameras* captures the current state of DSC image acquisition and signal processing technology and takes an all-inclusive look at the field, from the history of DSCs to future possibilities. The first chapter outlines the evolution of DSCs, their basic structure, and their major application classes. The next few chapters discuss high-quality optics that meet the requirements of better image sensors, the basic functions and performance parameters of image sensors, and detailed discussions of both CCD and CMOS image sensors. The book then discusses how color theory affects the uses of DSCs, presents basic image processing and camera control algorithms and examples of advanced image processing algorithms, explores the architecture and required performance of signal processing engines, and explains how to evaluate image quality for each component described. The book closes with a look at future technologies and the challenges that must be overcome to realize them. With contributions from many active DSC experts, *Image Sensors and Image Processing for Digital Still Cameras* offers unparalleled real-world coverage and opens wide the door for future innovation.

Military, State and Society in Pakistan - H. Rizvi 2000-05-15

This book offers a comprehensive study of the dynamics of civil-military relations in Pakistan. It asks how and why the Pakistan military has acquired such a salience in the polity and how it continues to influence decision-making on foreign and security policies and key domestic political, social and economic issues. It also examines the changes within the military, the impact of these changes on its disposition towards the state and society, and the implications for peace and security in nuclearized South Asia.

Adult Learning and Education - Kjell Rubenson 2011-02-17

A collection of 46 articles from the diverse and still emerging field of

adult education.

Literary Studies in English - Tess Clarke 2016-06-03

This book aims to examine multiple literary texts and works by applying various cultural and literary theories & criticism. The application of these theories helps in deciphering novel meanings and understanding of the textual elements. The book encompasses texts and articles from the literary canon as well as contemporary literature from around the world which offer a broader perspective on the interaction between various socio-cultural elements that shape literary works. It aims to understand the formation of new meanings and paradigms that emerge out these literary analyses and reviews. This book is a great resource for all the students, academicians and critics who are looking for recent perspectives on different literary texts and works.

Cowboys Don't Fly - John Steed (Air pilot) 2019-03-11

Unique memoir of a life lived in colonial Africa during the conflicts and turbulence in the transition to self-determination. Much of the story revolves around flying; first in the RAF and later as a pilot in the Rhodesia Police Air Wing during the bush war in that country. Many amusing and poignant first-hand anecdotes enliven the narrative

An Industrial Strategy for the Textile Sector - Johann Maree 1995

The Biosphere - George Evelyn Hutchinson 1970

Transition to Guardianship: The Indian Navy 1991-2000 - Vice Admiral GM Hiranandani

Data Intelligence and Cognitive Informatics - I. Jeena Jacob 2021-01-08

This book discusses new cognitive informatics tools, algorithms and methods that mimic the mechanisms of the human brain which lead to an impending revolution in understating a large amount of data generated by various smart applications. The book is a collection of peer-reviewed best selected research papers presented at the International Conference on Data Intelligence and Cognitive Informatics (ICDICI 2020), organized by SCAD College of Engineering and Technology, Tirunelveli, India, during 8-9 July 2020. The book includes novel work in data intelligence domain which combines with the increasing efforts of artificial intelligence, machine learning, deep learning and cognitive science to study and develop a deeper understanding of the information processing systems.

Coulson & Richardson's Chemical Engineering - John Metcalfe Coulson 2002

Chemical Engineering Volume 2 covers the properties of particulate systems, including the character of individual particles and their behaviour in fluids. Sedimentation of particles, both singly and at high concentrations, flow in packed and fluidised beds and filtration are then examined. The latter part of the book deals with separation processes, such as distillation and gas absorption, which illustrate applications of the fundamental principles of mass transfer introduced in Chemical Engineering Volume 1. In conclusion, several techniques of growing importance - adsorption, ion exchange, chromatographic and membrane separations, and process intensification - are described. * A logical progression of chemical engineering concepts, volume 2 builds on fundamental principles contained in Chemical Engineering volume 1 and these volumes are fully cross-referenced * Reflects the growth in complexity and stature of chemical engineering over the last few years * Supported with further reading at the end of each chapter and graded problems at the end of the book

Microscopy Techniques - Jens Rietdorf 2005-06-23

With contributions by numerous experts

Microwave and RF Design of Wireless Systems - David M. Pozar 2000-11-29

David Pozar, author of *Microwave Engineering*, Second Edition, has written a new text that introduces students to the field of wireless communications. This text offers a quantitative and, design-oriented presentation of the analog RF aspects of modern wireless telecommunications and data transmission systems from the antenna to the baseband level. Other topics include noise, intermodulation, dynamic range, system aspects of antennas and filter design. This unique text takes an integrated approach to topics usually offered in a variety of separate courses on topics such as antennas and propagation, microwave systems and circuits, and communication systems. This approach allows for a complete presentation of wireless telecommunications systems designs. The author's goal with this text is for the student to be able to analyze a complete radio system from the transmitter through the

receiver front-end, and quantitatively evaluate factors. Suitable for a one-semester course, at the senior or first year graduate level. Note certain sections have been denoted as advanced topics, suitable for graduate level courses.

Multidimensional Approach to Quality of Life Issues - Braj Raj Kumar Sinha 2019-08-27

This comprehensive volume provides a broad overview of quality of life issues covering a wide geographical region: North America, Europe, parts of Africa, East Asia, and South Asia. Spread over more than 25 chapters, it includes the latest findings from these regions to provide a

multidisciplinary account of the major dimensions of quality of life, and therefore has a vast scope. The volume is divided into four thematic parts: theoretical dimension; Demographic dimension; socio-cultural and economic dimensions; and urban and environment related dimensions. Extensive maps, diagrams and tables accompany the discussions and facilitate understanding. This is an indispensable reference and serves the interest of students and scholars of human geography, economics, demography, sociology, anthropology, social work, and philosophy. It is particularly useful for those engaged in further research on quality of life issues.