



Vaal University Late Application 2015

**Ephraim Igberase, Peter Ogbemudia
Osifo, Tumisang Seodigeng, Ikenna
Emeji**

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Enhanced Chitosan Material for Water Treatment Ephraim Igberase, Peter Ogbemudia Osifo, Tumisang Seodigeng, Ikenna Emeji, 2021-04-29 This book reviews some of the latest developments in the field of water treatment using multi functional chitosan based materials It covers the production of chitosan beads and membranes from chitosan powder as well as modification techniques for enhancing the material for commercial and industrial purposes The book summarizes the results of experimental adsorption desorption studies for elucidating the underlying reaction mechanism of heavy metal removal from wastewater presenting an advanced overview of an array of characterization techniques such as Fourier transform infrared spectroscopy thermogravimetric analysis x ray diffraction and scanning electron microscopy Additionally it features a look at the development and application of specialized engineering software and image analysis for modelling the kinetics of adsorption This book is ideal for scientists and engineers working in the broader field of environmental materials science It is all well suited for chemists as well as industrial and civil engineers interested in wastewater treatment and mitigation of water pollution

Predictive Intelligence Using Big Data and the Internet of Things Gupta, P.K., Ören, Tuncer, Singh, Mayank, 2018-12-28 With the recent growth of big data and the internet of things IoT individuals can now upload retrieve store and collect massive amounts of information to help drive decisions and optimize processes Due to this a new age of predictive computing is taking place and data can now be harnessed to predict unknown occurrences or probabilities based on data collected in real time Predictive Intelligence Using Big Data and the Internet of Things highlights state of the art research on predictive intelligence using big data the IoT and related areas to ensure quality assurance and compatible IoT systems Featuring coverage on predictive application scenarios to discuss these breakthroughs in real world settings and various methods frameworks algorithms and security concerns for predictive intelligence this book is ideally designed for academicians researchers advanced level students and technology developers

Changing Climates, Ecosystems and Environments within Arid Southern Africa and Adjoining Regions Jürgen Runge, 2015-10-30 This book is volume 33 of the yearbook series Palaeoecology of Africa presenting the outcome of a tribute conference to the internationally recognized South African researcher and palynologist Professor Louis Scott He has recently retired but is continuing his active research career The conference proceedings and articles published here

The Fluvial Imagination Colin Hoag, 2022-11-08 A free open access ebook is available upon publication Learn more at www.luminosoa.org Landlocked and surrounded by South Africa on all sides the mountain kingdom of Lesotho became the world's first water exporting country when it signed a 1986 treaty with its powerful neighbor An elaborate network of dams and tunnels now carries water to Johannesburg the subcontinent's water stressed economic epicenter Hopes that receipts from water sales could improve Lesotho's fortunes however have clashed with fears that soil erosion from overgrazing livestock could fill its reservoirs with sediment In this wide ranging and deeply researched book Colin Hoag shows how producing water commodities incites a fluvial imagination

Engineering water security for urban South Africa draws attention ever further into Lesotho's rural upstream catchments from reservoirs to the soils and vegetation above them and even to the social lives of herders at remote livestock posts As we enter our planet's water export era Lesotho exposes the possibilities and perils ahead *Limpopo Life* Anneli Ekblom, Michel Notelid, 2025-06-20 *Limpopo Life* introduces the reader to the material culture oral histories and the negotiation of conservation and landscape in an area now known as Limpopo National Park Introducing the archaeology of a region that has not been surveyed or discussed this book connects to the archaeology history heritage and conservation discussions in the southern African region as a whole Vegetation history and paleoecology are combined with archaeological surveys and excavations written sources oral histories and travelogues to draw a picture of the diverse landscape of the Limpopo region Intermixed within this narrative are sections that focus on an individual species a life history or an event providing a view of the complex and dynamic interactions The role of humans in this diverse environment and how they have co evolved with other species shaping each other's destinies in a consequential and accidental way is outlined This book will be of interest to researchers and students interested in the archaeology heritage and conservation of Mozambique Zimbabwe and northern South Africa It will also be of relevance to readers interested in the social history of the Limpopo and Kruger National Parks and this cross border area *Early Childhood Education From an Intercultural and Bilingual Perspective* Huertas-Abril, Cristina A., Gómez-Parra, María Elena, 2018-05-11 Around the world school districts and institutions are exploring ways to provide quality education to their students With this there is a deeper need for multiculturalism in classrooms as many students are from varying cultures and speak different languages *Early Childhood Education From an Intercultural and Bilingual Perspective* provides emerging research on the use of play toys and games as tools for meaningful multicultural and bilingual education By highlighting topics such as cross cultural psychology classroom management and second language acquisition this publication explores the importance of culture in games and play This book is an important resource for educators academicians researchers and students seeking current research on the role of intercultural education in society and modern approaches to early education *A Dictionary of World History* Thomas Edmund Farnsworth Wright, Edmund Wright, 2015 As well as over 4000 clear and concise entries this dictionary also contains biographies of key figures in world history Other useful features include subject entries on religious and political movements maps and full international coverage *The Counterinsurgent Imagination* Joseph MacKay, 2023-01-05 Counterinsurgency the violent suppression of armed insurrection is among the dominant kinds of war in contemporary world politics Often linked to protecting populations and reconstructing legitimate political orders it has appeared in other times and places in very different forms and has taken on a range of politics in doing so How did it arrive at its present form and what generated these others along the way Spanning several centuries and four detailed case studies *The Counterinsurgent Imagination* unpacks and explores this intellectual history through counterinsurgency manuals These military theoretical and instructional texts and the

practitioners who produced them made counterinsurgency possible in practice By interrogating these processes this book explains how counter insurrectionary war eventually took on its late twentieth and early twenty first century forms It shows how and why counterinsurgent ideas persist despite recurring failures *Powerful Frequencies* Marissa J.

Moorman,2019-08-20 *Powerful Frequencies* details the central role that radio technology and broadcasting played in the formation of colonial Portuguese Southern Africa and the postcolonial nation state Angola In *Intonations* Marissa J Moorman examined the crucial relationship between music and Angolan independence during the 1960s and 70s Now Moorman turns to the history of Angolan radio as an instrument for Portuguese settlers the colonial state African nationalists and the postcolonial state They all used radio to project power while the latter employed it to challenge empire From the 1930s introduction of radio by settlers to the clandestine broadcasts of guerrilla groups to radio s use in the Portuguese counterinsurgency strategy during the Cold War era and in developing the independent state s national and regional voice *Powerful Frequencies* narrates a history of canny listeners committed professionals and dissenting political movements All of these employed radio s peculiarities invisibility ephemerality and its material effects to transgress social political physical and intellectual borders *Powerful Frequencies* follows radio s traces in film literature and music to illustrate how the technology s sonic power even when it made some listeners anxious and frightened created and transformed the late colonial and independent Angolan soundscape **The Origin and Growth of Geography as a discipline at South Africa**

Universities Gustav Visser,Ronnie Donaldson,Cecil Seethal,2016-09-20 *Chemostratigraphy* Mu Ramkumar,2015-02-17 *Chemostratigraphy Concepts Techniques and Applications* is the first collection of contributed articles that introduces young geoscientists to the discipline while providing seasoned practitioners with a standard reference that showcases the topic s most recent research and application developments This multi contributed reference on one of the youngest and most dynamic branches of the geosciences includes articles from some of the world s leading researchers This book is a one stop source of chemostratigraphy theory and application helping geoscientists navigate through the wealth of new research that has emerged in recent years Edited by one of the world s foremost chemostratigraphy experts Features contributed articles from a broad base of topics including stratigraphic correlation hydrocarbon exploration reservoir characterization and paleo climatic interpretation Includes a range of application based case studies addressing spatio temporal scales for practical field specific concepts Colonial Survey and Native Landscapes in Rural South Africa, 1850 - 1913 Lindsay F. Braun,2014-10-16

In *Colonial Survey and Native Landscapes in Rural South Africa 1850 1913* Lindsay Frederick Braun explores the technical processes and struggles surrounding the creation and maintenance of boundaries and spaces in South Africa in the nineteenth and early twentieth centuries The precision of surveyors and other colonial technicians lent these enterprises an illusion of irreproachable objectivity and authority even though the reality was far messier Using a wide range of archival and printed materials from survey departments repositories and libraries the author presents two distinct episodes of struggle

over lands and livelihoods one from the Eastern Cape and one from the former northern Transvaal These cases expose the contingencies contests and negotiations that fundamentally shaped these changing South African landscapes **To Democratize or Not? Trials and Tribulations in the Postcolonial World** Volkan Ipek,Ebru Ilter-Akarcay,2020-07-06 This volume a product of the first Tricontinental Conference organized by Yeditepe University stanbul brings together perspectives on democracy and development in Africa the Middle East and Latin America Representing local voices and insight the contributors here respond to the dearth of comparative analysis on these three regions In spite of the differences observed in colonial practices and postcolonial transitions a shared disenchantment with the performance of competitive politics comes to the forefront in these geographical areas Decades after decolonization low intensity democracy and the continuing potential for democratic reversals and backsliding make the study of these three regions relevant Considering the debates on protests social upheavals activism change and continuity this book encourages the reader to survey the various trials and tribulations of the postcolonial era **Social Movements and the Indian Diaspora** Movindri Reddy,2015-11-19 With the elevation of Islam and Muslim transnational networks in international affairs from the rise of Al Qaeda to the revolutions in North Africa and the Middle East the study of Diasporas and transnational identities has become more relevant Using case studies from Fiji Mauritius Trinidad and South Africa this book explores the diaspora identities and impact of social movements on politics and nationalism among indentured Indian diaspora It analyses the way in which diasporas are defined by themselves and others and the types of social movements they participate in showing how these are critical indicators of the threat they are perceived to pose The book examines the notions of national and transnational identity and how they are determined by the placement of Diasporas in the transnational locality It argues that the transnationality intrinsic to diaspora identities mark them as others in the nation state and simultaneously separates them from the perceived motherland thus displacing them from both states and situating them in a transnational locality It is from this placement that social movements among Diasporas gain salience As outsiders and insiders they are well placed to offer a formidable challenge to the host state but these challenges are limited by their hybrid identities and perceived divided loyalties Providing an in depth analysis of Indian Diasporas the book will be of interest to those studying South Asian Studies Migration and Diaspora Studies [Pretoria Student Law Review 2021-15](#) Phenyio Nomasonto Morweši Sekati,2022-01-01 About the publication I am delighted to present to you the reader the fifteenth edition of the Pretoria Student Law Review PSLR with its Special Section on Social Justice and COVID 19 This year s Annual Edition together with the developments made during the year is a testament to the growth resilience and adaptability of this student driven initiative especially during these turbulent times This year has also been one of reflection and remembrance as we publish this edition in tribute to the late Professor Christof Heyns whose instrumentality in the establishment of the Pretoria University Law Press PULP has brought us to where we are today Fourteen years since its inception and the PSLR still continues to grow and evolve

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Advanced Wind Turbines Teik-cheng Lim, Palanisamy Mohan Kumar, Sivalingam Krishnamoorthi, 2023-09-13 How can non windy places make use of wind power for electricity generation Advanced Wind Turbines provides detailed information that is of great practical importance to wind turbine practitioners from small and congested city states where the lack of vast land and high wind speed render the conventional wind turbine less effective It introduces the non conventional Darrieus and Savonius wind turbines as well as their hybrid version covering basic concepts computational modelling and recent advances in experimental optimization What about those who prefer wind turbines in faraway oceans to take advantage of high wind speed or who come from countries with a lack of shallow seabed Floating offshore wind turbines are also discussed and the dynamics of floating vis vis grounded wind turbines are thoroughly expounded upon to aid practitioners in achieving more accurate performance modelling This is a work of paramount usefulness for areas which have long wanted to jump on the renewable energy bandwagon but have thus far been hampered by their natural geographical limitations

Politics By Other Means Richard Abel, 2015-12-22 Politics by Other Means explores the fundamental question of how law can constrain political power by offering a pathbreaking account of the triumphant final decade of the struggle against apartheid Richard Abel presents case studies of ten major legal campaigns including challenges to pass laws black trade union demands for recognition state terror censorship resistance to the independent homelands and treason trials

The Archaeology of Southern Africa Peter Mitchell, 2024-06-06 Some of

humanity's earliest ancestors lived in southern Africa and evidence from sites there has inspired key debates on human origins and the emergence of complex cognition. Building on its rich rock art heritage, archaeologists have developed theoretical work that continues to influence rock art studies worldwide with the relationship between archaeological and anthropological data central to understanding past hunter-gatherer, pastoralist and farmer communities alike. New work on pre-colonial states contests models that previously explained their emergence via external trade while the transformations wrought by European colonialism are being rewritten to emphasise Indigenous agency feeding into efforts to decolonise the discipline itself. Inhabited by humans longer than almost anywhere else and with an unusually varied complex past, southern Africa thus has much to contribute to archaeology worldwide. In this revised and updated edition, Peter Mitchell provides a comprehensive and extensively illustrated synthesis of its archaeology over more than three million years.

The Oxford Handbook of Archaeology and Language Martine Robbeets, Mark Hudson, 2025-06-24. This volume provides a comprehensive and up-to-date overview of how archaeology, genes and language can be combined to shed light on the human past. Our understanding of human prehistory has been revolutionized in recent years by the growth of interdisciplinary perspectives and particularly by insights from the study of ancient DNA. At a time when the Big Data movement in genetics and archaeology is beginning to make inroads into linguistics, *The Oxford Handbook of Archaeology and Language* sets the agenda for future research in the discipline of archaeolinguistics. The handbook is divided into three parts. The first part introduces the basic frameworks of archaeolinguistics, addressing recent trends and new perspectives. Chapters in Part II explore the application of archaeolinguistics to different stages in human history, from hunter-gathering via the adoption of farming and the rise of writing to modern times. Part III features regional case studies from different parts of the world, including not only Indo-European but also Uralic, Transcaucasian, Sino-Tibetan, Paleosiberian, Tai-Kadai, Austronesian, Papuan, Australian, Afroasiatic, Nil-Saharan, Niger-Congo, Kalahari Basin, Andean and Lowland South American languages. In illustrating the extent to which linguistic, archaeological and genetic histories align or differ, the volume goes beyond the level of broad brush approaches by engaging specialists from a range of disciplines as co-authors, shedding light on language dynamics from multiple perspectives.

Farmer's Weekly, 1923

Vaal University Late Application 2015 Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has been apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Vaal University Late Application 2015**," published by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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