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Handbook of Test Development Springer Science & Business Media

Why Africa? an abstract first painted in 1993 and reproduced in collage in 2004, is variously described by his admirers as an emotional revelation. The work depicts the African question problems and prospects including political instability, corruption, and poverty in the midst of rich natural and human resources. Thus, Why Africa? inspired him to write a book on the subject, applying his creativity with a unique perspective on the African case. Bona has written one book (unpublished) titled: The Ancient and Modern (1992) a story on Urualla, his ancestral origin in Nigeria.

Journal of Economic Literature Springer

The analysis, development, and/or operation of high temperature processes that involve the production of ferrous and nonferrous metals, alloys, and refractory and ceramic materials are covered in the book. The innovative methods for achieving impurity segregation and removal, by-product recovery, waste minimization, and/or energy efficiency are also involved. Eight themes are presented in the book: 1: High Efficiency New Metallurgical Technology 2: Fundamental Research of Metallurgical Process 3: Alloy and Materials Preparation 4: Roasting, Reduction, and Smelting 5: Sintering of Ores and Powder 6: Simulation and Modeling 7: Treatment of Solid Slag/Wastes and Complex Ores 8: Microwave Heating, Energy, and Environment

Knowledge Management Innovations for Interdisciplinary Education Routledge

This edited volume presents the proceedings of the 20th CIRP LCE Conference, which cover various areas in life cycle engineering such as life cycle design, end-of-life management, manufacturing processes, manufacturing systems, methods and tools for sustainability, social sustainability, supply chain management, remanufacturing, etc. Performance Through Learning John Wiley & Sons Changing the Course of AIDS is an in-depth evaluation of a new and exciting way to create the kind of much-needed behavioral change that could affect the course of the global health crisis of HIV/AIDS. This case study from the South African HIV/AIDS epidemic demonstrates that regular workers serving as peer educators can be as—or even more—effective agents of behavioral change than experts who lecture about the facts and so-called appropriate health care behavior. After spending six years researching the response of large South African companies to the epidemic that is decimating their workforce as well as South African communities, David Dickinson describes the promise of this grassroots intervention—workers educating one another in the workplace and community—and the limitations of traditional top-down strategies. Dickinson's book takes us right into the South African workplace to show how effective and yet enormously complex peer education really is. We see what it means when workers directly tackle the kinds of sexual, gender, religious, ethnic, and broader social and political taboos that make behavior change so difficult, particularly when that behavior involves sex and sexuality. Dickinson's findings show that people who are not officially health care experts or even health care workers can be skilled and effective educators. In this book we see why peer education has so much to offer societies grappling with the HIV/AIDS epidemic and why those interested in changing behaviors to ameliorate other health problems like obesity, alcoholism, and substance abuse have so much to learn from the South African example.

Re-engineering Manufacturing for Sustainability Marking Matric

The aim of this book is to explore the history, fundamentals, manufacturing processes, optimization parameters, and applications of electrospun materials. The book includes various types of electrospun materials such as antimicrobial, smart, bioinspired systems. It focuses on the many application areas for electrospun materials such as energy storage and harvesting, catalysis, biomedical including gene delivery and tissue engineering, separation, adsorption and water treatment technologies, packaging. The book emphasizes the enhanced sustainable properties of electrospun materials, with the challenges and future developments being discussed in detail. The chapters are written by top-class researchers and experts from throughout the world.

Who's who of Southern Africa Routledge

Sustainable development is the most important challenge facing humanity in the 21st century. The global economic

growth in the recent past has indeed exhibited marked progress in many countries. Nevertheless, the issues of income disparity, poverty, gender gaps, and malnutrition are not uncommon in the global landscape, in spite of the upward growth of the economy and technological advances. This grim picture is further exacerbated by our growing human population, unmindful resource use, ever-increasing consumption trends, and changing climate. In order to protect humanity and preserve the planet, the United Nations issued the "2030 agenda for sustainable development," which includes but is not limited to sustainable production and consumption practices, e.g. in a sustainable bioeconomy. The hallmark of the sustainable bioeconomy is a paradigm shift from a fossil-fuel-based economy to a biological-based one, which is driven by the virtues of sustainability, efficient utilization of resources, and "circular economy." As the sustainable bioeconomy is based on the efficient utilization of biological resources and societal transformations, it holds the immense potential to achieve the UN's Sustainable Development Goals. This book shares valuable insights into the linkages between the sustainable bioeconomy and Sustainable Development Goals, making it an essential read for policymakers, researchers and students of environmental studies.

The Role of Sound Groundwater Resources Management and Governance to Achieve Water Security John Wiley & Sons

This well-informed and crisply written introduction will appeal to both students of contemporary politics and general readers interested in the new democracy. Book jacket.

Life Sciences, Grade 10 AOSIS

The book is a study of intra-urban inequality in quality of life (QOL) in Aizawl city. The main objectives of the study include analysis of processes and patterns of social differentiation along the three-dimensional space of Aizawl city as well as analysis of spatial inequality in QOL at the lowest administrative structure of the city. An investigation into spatial pattern of residential differentiation was done at both horizontal and vertical spaces. Spatial variation in well-being of residents of Aizawl city and the quality of their immediate environment was also studied by taking both objective and subjective indicators. The study employed a number of descriptive, inferential and multivariate statistical techniques including correlation, factor analysis, principal component analysis, cluster analysis and spatial autocorrelation methods like Moran's I and Local Indicators of Spatial Association (LISA).

Mapping techniques and graphical methods like Choropleth map, histogram and line graph were also used. With the help of factor analysis, the social space of Aizawl city was found to be differentiated along socio-economic status, family status, household size status, workers status and ethnic status. The most important factor determining residential differentiation was socio-economic status. Choropleth map of factor scores reveals that the inner city localities were dominated by high socio-economic class while poorer people dominated the peripheries. Non-local ethnic minorities were few but concentrated in some adjoining peripheral localities as well as in inner city localities which have been inhabited by their ancestors since the colonial period. Vertical pattern of residential differentiation was also analyzed by taking income variable as a proxy of socio-economic status. Multi-storey buildings in Aizawl city were co-inhabited by both richer people and poorer people. The richer people were found at the top floors while the poorer people occupied the basement floors. Normally, the owners of the buildings were found at the top floors while the basement floors were dominated by the renters. Spatial variation in QOL was measured with the help of principal component analysis as a weighting technique by taking variables pertaining to both objective and subjective QOL dimensions. The values of composite QOL index showed that the central localities have scored better than their peripheral counterparts. Correlation analysis of the relationship between objective indicators and subjective indicators provided a low positive value indicating the absence of relationship between the two dimensions of quality of life. Spatial autocorrelation analysis was also performed to see the pattern of clustering of spatially

weighted QOL variables across Local Councils. With the help of Global Moran's I, spatial clusters and spatial outliers were observed for objective dimension of QOL within the study area. The value of Moran's I was found to be insignificant for subjective QOL dimension indicating the absence of significant pattern of clustering. The study also identified 7 social areas of Aizawl city on the basis of factor scores and composite scores of QOL variables calculated for all Local Councils. The identification of clusters was taken out with the help of hierarchical clustering method of cluster analysis. These clusters were labeled appropriate names and their characteristics were described in detail. The thesis concluded with recommendation of designating these social areas as 'social development planning zones' for obtaining inclusive development.

**Why Africa? IAP**

The second edition of the Handbook of Test Development provides graduate students and professionals with an up-to-date, research-oriented guide to the latest developments in the field. Including thirty-two chapters by well-known scholars and practitioners, it is divided into five sections, covering the foundations of test development, content definition, item development, test design and form assembly, and the processes of test administration, documentation, and evaluation. Keenly aware of developments in the field since the publication of the first edition, including changes in technology, the evolution of psychometric theory, and the increased demands for effective tests via educational policy, the editors of this edition include new chapters on assessing noncognitive skills, measuring growth and learning progressions, automated item generation and test assembly, and computerized scoring of constructed responses. The volume also includes expanded coverage of performance testing, validity, fairness, and numerous other topics. Edited by Suzanne Lane, Mark R. Raymond, and Thomas M. Haladyna, The Handbook of Test Development, 2nd edition, is based on the revised Standards for Educational and Psychological Testing, and is appropriate for graduate courses and seminars that deal with test development and usage, professional testing services and credentialing agencies, state and local boards of education, and academic libraries serving these groups.

*Schooling for Sustainable Development in Africa* CTA

"This book is a detailed resource on knowledge management and innovations that has been written and edited to provide flexibility and in-depth knowledge management innovations, strategies, and practices"—Provided by publisher.

**XXX International Congress of Psychology: Abstracts** IGI Global

This book considers the scope and dynamics of Education for Sustainable Development (ESD) and learning in schools in Africa. It explores the conditions and processes that support such learning, and examines how ESD in schooling can improve the quality and relevance of education. The quality of education has been defined internationally as a key concern for educational institutions around the world, including schools in Africa. The models of quality are often limited to performance-based approaches and/or inclusive approaches. The contributions in this book show that there is more to a discussion on educational quality in Africa than performance success and/or inclusion. The chapters explain how ESD brings a new relevance to education in Africa, and at the same time, sounds the beginning of a new concept of quality education. The volume presents a collection of experiences in creating and supporting quality learning processes through a variety of ESD practices.

*Changing the Course of AIDS* Psychology Press

Large numbers of people in Soweto & other parts of South Africa live in fear of witchcraft, presenting complex & unique problems for the government. Adam Ashforth explores the challenge of occult violence & the spiritual insecurity that it engenders to democratic rule in South Africa.

**5th International Symposium on High-Temperature Metallurgical Processing** Springer Nature

Consists of reproductions of articles from South African newspapers.

Twenty Years of Education Transformation in Gauteng 1994 to 2014 Springer

Study & Master Life Sciences Grade 10 has been especially developed by an experienced author team for the Curriculum and Assessment Policy Statement (CAPS). This new and easy-to-use course helps learners to master essential content and skills in Life

Sciences. The comprehensive Learner's Book includes: \* an expanded contents page indicating the CAPS coverage required for each strand \* a mind map at the beginning of each module that gives an overview of the contents of that module \* activities throughout that help develop learners' science knowledge and skills as well as Formal Assessment tasks to test their learning \* a review at the end of each unit that provides for consolidation of learning \* case studies that link science to real-life situations and present balanced views on sensitive issues. \* 'information' boxes providing interesting additional information and 'Note' boxes that bring important information to the learner's attention

**Indicator South Africa** UNESCO Publishing

*Twenty Years of Education Transformation in Gauteng 1994 to 2014: An Independent Review* presents a collection of 15 important essays on different aspects of education in Gauteng since the advent of democracy in 1994. These essays talk to what a provincial education department does and how and why it does these things - whether it be about policy, resourcing or implementing projects. Each essay is written by one or more specialist in the relevant focus area. The book is written to be accessible to the general reader as well as being informative and an essential resource for the specialist reader. It sheds light on aspects of how a provincial department operates and why and with what consequences certain decisions have been made in education over the last 20 turbulent years, both nationally and provincially. There has been no attempt to fit the book's chapters into a particular ideological or educational paradigm, and as a result the reader will find differing views on various aspects of the Gauteng Department of Education's present and past. We leave the reader to decide to what extent the GDE has fulfilled its educational mandate over the last 20 years.

Politics in South Africa African Minds

This book addresses the South African Space Economy and its stark disparities and dualisms through an assessment of the Gauteng City-Region – the largest economic agglomeration in the country and on a continent bedevilled by a myriad of development challenges. The book's focus on understanding the overall character of Gauteng City-Region's Space Economy – through data mining/analysis and mapping – comprehensively supplements the Space Economy literature on the region. It covers the disparities exacerbated by an overlay of apartheid planning ideology and top-down regional development based on selective encouragement of manufacturing investments in growth points or poles and how implementation of past policies intended to cure these disparities have yielded mixed results. This book further offers the Gauteng City-Region as a microcosm of the national economy in the form of evident significant place-based variations in the intensity and character of economic structure that on the one hand enjoys massive agglomeration economies, while on the other, has high levels of poverty and large numbers of people living below the Minimum Living Level. This book should appeal to urban studies specialists, economists and development studies researchers in the Global South.

*Study and Master Life Sciences Grade 11 CAPS Study Guide* Cornell University Press

Traditionally, American educators and communities have looked to Europe and Asia for ideas for rethinking and reforming education for America's diverse children. This book, *Contemporary Voices from the Margin: African Educators on African and American Education*, brings together new voices of diverse African-born teacher educators and Africanist scholars who share personal experiences as well as research-based perspectives about education in Africa and America that will be valuable to rethinking and reforming education for America's struggling schools. The book is a comprehensive work of experienced educators and scholars in the field of teacher education and African Studies. The editors of the book invited a diverse group of African-born teacher educators and scholars from different countries of Africa who teach in the U.S. The contributors share a common African experience, but they are geographically diverse in countries of origin and research. Their knowledge about African communal living as well as colonial powers and imperialism as they operated in various African countries enables them to compare and contrast various educational models and practices, including traditional ones. They are also diverse in their fields of specialization but have expertise in multicultural education, urban education, and culturally responsive pedagogy that have become the focus of U.S. discourses in public education and teacher preparation programs. Given that these scholars were born or socialized, and educated in, as well as, taught schools and colleges in their respective African countries before settling in the United States, they bring a wealth of experience and insights into what it means to successfully educate children and youth. The book is divided into three parts. Part 1 examines African processes and practices of education, both formal and informal, as contributing authors share perspectives about African indigenous education including cultural socialization and formal western-type education and organization of schools. Part 2 focuses on patterns and structures of formal, western-type education in selected African countries. Part 3 explores cross-cultural perspectives on American education. The contributors provide chapters of stimulating and rich perspectives that will engage the discourse on rethinking and reforming

education and schooling for America's diverse students.

*Socio-Cultural Influences on Teenage Pregnancy and Contemporary Prevention Measures* Peter Lang D

This book discusses "tourism and hospitality" from different perspectives and disciplines. In addition, this book, considering the tourism and hotel management terminology, is expected to be a source book for the theoretical and practical scientific studies in the fields which is in close relationship such as gastronomy, recreation and marketing.

**Sustainable Bioeconomy** University of Chicago Press

This book introduces a variety of treatment technologies, such as physical, chemical, and biological methods for the treatment of gas emissions, wastewater, and solid waste. It provides a useful source of information for engineers and specialists, as well as for undergraduate and postgraduate students, in the areas of environmental science and engineering.

*Transportation Research Record* IGI Global

This volume looks at recent scientific knowledge and innovative techniques concerning environmental matters. The proceedings focus on topics such as hydraulic protection of territory and defence, utilization of water resources, architecture and planning of fluvial/coastal landscape and much more.