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Zimbabwe National Bibliography - 1989

Computer Science Handbook - Allen B. Tucker
2004-06-28

When you think about how far and fast computer science has progressed in recent years, it's not hard to conclude that a seven-year old handbook may fall a little short of the kind of reference today's computer scientists, software engineers, and IT professionals need. With a broadened scope, more emphasis on applied computing, and more than 70 chap

Structure Determination by X-Ray

Crystallography - M. F. C. Ladd 2012-12-06

Crystallography may be described as the science of the structure of materi als, using this word in its widest sense, and its ramifications are apparent over a broad front of current scientific endeavor. It is not surprising, therefore, to find that most universities offer some aspects of crystallography in their undergraduate courses in the physical sciences. It is the principal aim of this book to present an introduction to structure determination by X-ray crystal lography that is appropriate mainly to both final-year undergraduate studies in crystallography, chemistry, and chemical physics, and introductory post graduate work in this area of crystallography. We believe that the book will be of interest in other disciplines, such as physics, metallurgy, biochemistry, and geology, where crystallography has an important part to play. In the space of one book, it is not possible either to cover all aspects of crystallography or to treat all the subject matter completely rigorously. In particular, certain mathematical results are assumed in order that their applications may be

discussed. At the end of each chapter, a short bibliog raphy is given, which may be used to extend the scope of the treatment given here. In addition, reference is made in the text to specific sources of information. We have chosen not to discuss experimental methods extensively, as we consider that this aspect of crystallography is best learned through practical experience, but an attempt has been made to simulate the interpretive side of experimental crystallography in both examples and exercises.

*Introduction to Process Calculations
Stoichiometry* - KA. Gavhane 2012

Understanding National Accounts Second Edition - Lequiller François 2014-10-20

This is an update of OECD 2006 "Understanding National Accounts". It contains new data, new chapters and is adapted to the new systems of national accounts, SNA 2008 and ESA 2010.

Lipid Bilayers - J. Katsaras 2013-06-29

Provides the reader with an up to date insight of the current state of the art in the field of lipid bilayer research and the important insights derived for the understanding of the complex and varied behaviour of biological membranes and its function.

Annales Societatis Mathematicae Polonae -
Polskie Towarzystwo Matematyczne 1998

The Kansas Silent Reading Test - Frederick
James Kelly 1915

**Principles and Standards for School
Mathematics** - 2000

This easy-to-read summary is an excellent tool for introducing others to the messages contained

in Principles and Standards.

Dissertation Abstracts International -
1989-04

Ancient Greek I - Philip S. Peek 2021-10-19

In this elementary textbook, Philip S. Peek draws on his twenty-five years of teaching experience to present the ancient Greek language in an imaginative and accessible way that promotes creativity, deep learning, and diversity. The course is built on three pillars: memory, analysis, and logic. Readers memorize the top 250 most frequently occurring ancient Greek words, the essential word endings, the eight parts of speech, and the grammatical concepts they will most frequently encounter when reading authentic ancient texts. Analysis and logic exercises enable the translation and parsing of genuine ancient Greek sentences, with compelling reading selections in English and in Greek offering starting points for contemplation, debate, and reflection. A series of embedded Learning Tips help teachers and students to think in practical and imaginative ways about how they learn. This combination of memory-based learning and concept- and skill-based learning gradually builds the confidence of the reader, teaching them how to learn by guiding them from a familiarity with the basics to proficiency in reading this beautiful language. *Ancient Greek I: A 21st-Century Approach* is written for high-school and university students, but is an instructive and rewarding text for anyone who wishes to learn ancient Greek.

Practical Work in Science - Brian Woolnough
1985

This book reviews the major science curriculum developments and the present position of practical work in secondary schools.

Learning Science Outside the Classroom -
Martin Braund 2012-12-06

This book shows how a wide range of contexts for learning science can be used outside of the classroom, and includes learning: at museums, science centres and planetaria from newspapers, magazines and through ICT at industrial sites and through science trails at zoos, farms, botanic gardens, residential centres and freshwater habitats in school grounds. With contributions from well known and respected practitioners in all fields of science education

and through using case studies, *Learning Science Outside the Classroom* offers practical guidance for teachers, assistant teaching staff and student teachers involved in primary and secondary education. It will help enable them to widen the scientific experience and understanding of pupils. The advice in this book has been checked for safety by CLEAPSS.

Computational Statistics - Geof H. Givens
2012-10-09

This new edition continues to serve as a comprehensive guide to modern and classical methods of statistical computing. The book is comprised of four main parts spanning the field: Optimization Integration and Simulation Bootstrapping Density Estimation and Smoothing Within these sections, each chapter includes a comprehensive introduction and step-by-step implementation summaries to accompany the explanations of key methods. The new edition includes updated coverage and existing topics as well as new topics such as adaptive MCMC and bootstrapping for correlated data. The book website now includes comprehensive R code for the entire book. There are extensive exercises, real examples, and helpful insights about how to use the methods in practice.

Practices of Irrigation & On-farm Water Management: Volume 2 - Hossain Ali 2011-01-11

The comprehensive and compact presentation in this book is the perfect format for a resource/textbook for undergraduate students in the areas of Agricultural Engineering, Biological Systems Engineering, Bio-Science Engineering, Water Resource Engineering, and Civil & Environmental Engineering. This book will also serve as a reference manual for researchers and extension workers in such diverse fields as agricultural engineering, agronomy, ecology, hydrology, and meteorology.

Introduction to Frustrated Magnetism - Claudine Lacroix 2011-01-12

The field of highly frustrated magnetism has developed considerably and expanded over the last 15 years. Issuing from canonical geometric frustration of interactions, it now extends over other aspects with many degrees of freedom such as magneto-elastic couplings, orbital degrees of freedom, dilution effects, and electron doping. It is thus shown here that the

concept of frustration impacts on many other fields in physics than magnetism. This book represents a state-of-the-art review aimed at a broad audience with tutorial chapters and more topical ones, encompassing solid-state chemistry, experimental and theoretical physics.

Problems and Solutions on Thermodynamics and Statistical Mechanics - Yung-kuo Lim
1990

Volume 5.

Science Examination Papers - Great Britain.
Department of Science and Art 1905

The Everything New Teacher Book - Melissa Kelly 2010-03-18

Being a great teacher is more than lesson plans and seating charts. In this revised and expanded new edition of the classic bestseller, you learn what it takes to be the very best educator you can be, starting from day one in your new classroom! Filled with real-world life lessons from experienced teachers as well as practical tips and techniques, you'll gain the skill and confidence you need to create a successful learning environment for you and your students, including how to: Organize a classroom Create engaging lesson plans Set ground rules and use proper behavior management Deal with prejudice, controversy, and violence Work with colleagues and navigate the chain of command Incorporate mandatory test preparation within the curriculum Implement the latest educational theories In this book, veteran teacher Melissa Kelly provides you with the confidence you'll need to step into class and teach right from the start.

Education and Development in Zimbabwe - Edward Shizha 2012-01-01

The book represents a contribution to policy formulation and design in an increasingly knowledge economy in Zimbabwe. It challenges scholars to think about the role of education, its funding and the egalitarian approach to widening access to education. The nexus between education, democracy and policy change is a complex one. The book provides an illuminating account of the constantly evolving notions of national identity, language and citizenship from the Zimbabwean experience. The book discusses educational successes and challenges by examining the ideological effects

of social, political and economic considerations on Zimbabwe's colonial and postcolonial education. Currently, literature on current educational challenges in Zimbabwe is lacking and there is very little published material on these ideological effects on educational development in Zimbabwe. This book is likely to be one of the first on the impact of social, political and economic meltdown on education. The book is targeted at local and international academics and scholars of history of education and comparative education, scholars of international education and development, undergraduate and graduate students, and professors who are interested in educational development in Africa, particularly Zimbabwe. Notwithstanding, the book is a valuable resource to policy makers, educational administrators and researchers and the wider community. Shizha and Kariwo's book is an important and illuminating addition on the effects of social, political and economic trajectories on education and development in Zimbabwe. It critically analyses the crucial specifics of the Zimbabwean situation by providing an in depth discourse on education at this historical juncture. The book offers new insights that may be useful for an understanding of not only the Zimbabwean case, but also education in other African countries. Rosemary Gordon, Senior Lecturer in Educational Foundations, University of Zimbabwe Ranging in temporal scope from the colonial era and its elitist legacy through the golden era of populist, universal elementary education to the disarray of contemporary socioeconomic crisis; covering elementary through higher education and touching thematically on everything from the pernicious effects of social adjustment programmes through the local deprofessionalization of teaching, this text provides a comprehensive, wide ranging and yet carefully detailed account of education in Zimbabwe. This engagingly written portrayal will prove illuminating not only to readers interested in Zimbabwe's education specifically but more widely to all who are interested in how the sociopolitical shapes education- how ideology, policy, international pressures, economic factors and shifts in values collectively forge the historical and contemporary character of a country's education. Handel Kashope

Wright, Professor of Education, University of British Columbia

IGCSE Chemistry - Bryan Earl 2009-04-01

This highly respected and valued textbook has been the book of choice for Cambridge IGCSE students since its publication. This new edition, complete with CD-ROM, continues to provide comprehensive, up-to-date coverage of the core and extended curriculum topics specified in the IGCSE Chemistry syllabus. The book is supported by a CD-ROM containing extensive revision and exam practice questions, background information and reference material.

The Mechanisms of Pyrolysis, Oxidation, and Burning of Organic Materials - Leo Aloysius Wall 1972

Cambridge International AS and A Level Computer Science Coursebook - Sylvia Langfield 2015-12-17

"Cambridge International AS and A Level Computer Science Coursebook delivers an accessible guide to theoretical and practical skills in Computer Science, with a clear progression of tasks that help to consolidate and develop knowledge. Cambridge International AS and A Level Computer Science Coursebook offers students detailed descriptions of the concepts, reinforced with examples that outline complex subject matter in a clear way. Alongside fundamental definitions, higher level programming skills are developed through the explanation of processes and consolidated by practical exam-type questions for students to attempt."-- Publisher description.

African Books in Print - 1978

Fabrication and Welding Engineering - Roger Timings 2008

Covers basic sheet-metal fabrication and welding engineering principles and applications. This title includes chapters on non-technical but essential subjects such as health and safety, personal development and communication of technical information. It contains illustrations that demonstrate the practical application of the procedures described.

Statistical Methods for Learning Curves and Cost Analysis - Matthew S. Goldberg 2003
operations research and management science
Clean Fuel Supply - Organisation for Economic

Co-operation and Development 1978

A Preliminary Survey of Environmental Awareness in Some Secondary School Pupils in Zimbabwe - J. M. Manjengwa 1997

Report of the Presidential Commission of Inquiry Into Education and Training - Zimbabwe. Presidential Commission on Education and Training in Zimbabwe 1999

Solar Power - Dustin Mulvaney 2019-03-05

In this important new primer, Dustin Mulvaney makes a passionate case for the significance of solar power energy and offers a vision for a more sustainable and just solar industry for the future. The solar energy industry has grown immensely over the past several years and now provides up to a fifth of California's power. But despite its deservedly green reputation, solar development and deployment have potential social and environmental consequences, from poor factory labor standards to landscape impacts on wildlife. Using a wide variety of case studies and examples to trace the life cycle of photovoltaics, Mulvaney expertly outlines the state of the solar industry, exploring the ongoing conflicts between ecological concerns and climate mitigation strategies, as well as current trade disputes and the fate of toxins in solar waste products. This exceptional overview will outline the industry's current challenges and possible future for students in environmental studies, energy policy, environmental sociology, and other aligned fields.

Statistical Methods in Quantum Optics 1 - Howard J. Carmichael 2013-04-17

This is the first of a two-volume presentation on current research problems in quantum optics, and will serve as a standard reference in the field for many years to come. The book provides an introduction to the methods of quantum statistical mechanics used in quantum optics and their application to the quantum theories of the single-mode laser and optical bistability. The generalized representations of Drummond and Gardiner are discussed together with the more standard methods for deriving Fokker-Planck equations.

The Zimbabwe Science News - 1995

Modelling Transport - Juan de Dios Ortúzar
2011-05-03

Already the market leader in the field, *Modelling Transport* has become still more indispensable following a thorough and detailed update. Enhancements include two entirely new chapters on modelling for private sector projects and on activity-based modelling; a new section on dynamic assignment and micro-simulation; and sizeable updates to sections on disaggregate modelling and stated preference design and analysis. It also tackles topical issues such as valuation of externalities and the role of GPS in travel time surveys. Providing unrivalled depth and breadth of coverage, each topic is approached as a modelling exercise with discussion of the roles of theory, data, model specification, estimation, validation and application. The authors present the state of the art and its practical application in a pedagogic manner, easily understandable to both students and practitioners. Follows on from the highly successful third edition universally acknowledged as the leading text on transport modelling techniques and applications. Includes two new chapters on modelling for private sector projects and activity based modeling, and numerous updates to existing chapters. Incorporates treatment of recent issues and concerns like risk analysis and the dynamic interaction between land use and transport. Provides comprehensive and rigorous information and guidance, enabling readers to make practical use of every available technique. Relates the topics to new external factors and technologies such as global warming, valuation of externalities and global positioning systems (GPS).

Annual Report of the Secretary for Education and Culture for the Year Ended ...
- Zimbabwe. Ministry of Education and Culture
1989

New General Mathematics - J.B. Channon
1991-02

Handbook of Algebraic Topology - I.M. James
1995-07-18

Algebraic topology (also known as homotopy theory) is a flourishing branch of modern mathematics. It is very much an international

subject and this is reflected in the background of the 36 leading experts who have contributed to the Handbook. Written for the reader who already has a grounding in the subject, the volume consists of 27 expository surveys covering the most active areas of research. They provide the researcher with an up-to-date overview of this exciting branch of mathematics.

Occasional Papers - 1993

Neural Networks for Pattern Recognition - Christopher M. Bishop 1995-11-23

Statistical pattern recognition; Probability density estimation; Single-layer networks; The multi-layer perceptron; Radial basis functions; Error functions; Parameter optimization algorithms; Pre-processing and feature extraction; Learning and generalization; Bayesian techniques; Appendix; References; Index.

Trends in Geography - Ronald U. Cooke
2013-10-02

Trends in Geography: An Introductory Survey reviews trends in geography, including physical geography, human geography, and applied geography. Topics covered include progress in geomorphology, meteorology, climatology, hydrology, historical geography, transport geography, and industrial geography, along with the geography of rural settlements and the ecology of agricultural systems. The importance of geography in area studies is also discussed. This book is comprised of 26 chapters and begins by tracing developments in the field of geography, followed by a discussion on the study of soils in geography and the economic geography of agriculture. The following chapters explore the diversity of urban geography; the role of geography in physical planning and economic planning; planning studies in rural areas; and geographical research on local government. A cultural and historical perspective in area studies is presented by citing the case of Latin America. The final chapter is devoted to geographical studies of developing areas, focusing on the case of tropical Africa. This monograph will be of interest to teachers, students, and practitioners of geography.

Multicriteria Scheduling - Vincent T'Kindt
2006-01-11

Scheduling and multicriteria optimisation theory

have been subject, separately, to numerous studies. Since the last twenty years, multicriteria scheduling problems have been subject to a growing interest. However, a gap between multicriteria scheduling approaches and multicriteria optimisation field exists. This book is an attempt to collect the elementary of multicriteria optimisation theory and the basic models and algorithms of multicriteria scheduling. It is composed of numerous illustrations, algorithms and examples which

may help the reader in understanding the presented concepts. This book covers general concepts such as Pareto optimality, complexity theory, and general method for multicriteria optimisation, as well as dedicated scheduling problems and algorithms: just-in-time scheduling, flexibility and robustness, single machine problems, parallel machine problems, shop problems, etc. The second edition contains revisions and new material.