
Mining Engineering Bursaries For 2014

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Water Scarcity,



Contamination and Management Springer Engineering Geology and Geotechnics discusses engineering survey methods. The book is comprised of 12 chapters that cover several concerns in engineering, such as building foundations, slopes, and construction materials. Chapter 1 covers site investigation, while Chapter 2 tackles geophysical exploration. Chapter 3 deals with slope and open excavation, while Chapter 4 discusses subsurface excavation. Foundation for

buildings, reservoir, and dams and dam sites are also covered in the book. A chapter then tackles hydrogeology and underground water supply. The text also encompasses river and beach engineering. The last two chapters cover engineering seismology and construction materials. This book will be of great use to researchers, practitioners, and students of engineering. The College Blue Book Juta and Company Ltd Big data: It's unstructured, it's coming at you fast, and there's lots of it. In fact, the majority

of big data is text-oriented, thanks to the proliferation of online sources such as blogs, emails, and social media. However, having big data means little if you can't leverage it with analytics. Now you can explore the large volumes of unstructured text data that your organization has collected with Text Mining and Analysis: Practical Methods, Examples, and Case Studies Using SAS. This hands-on guide to text analytics using SAS provides detailed, step-by-step instructions and explanations on how to mine your text data for valuable insight. Through

its comprehensive approach, you'll learn not just how to analyze your data, but how to collect, cleanse, organize, categorize, explore, and interpret it as well. Text Mining and Analysis also features an extensive set of case studies, so you can see examples of how the applications work with real-world data from a variety of industries. Text analytics enables you to gain insights about your customers' behaviors and sentiments. Leverage your organization's text data, and use those insights for making better business decisions with Text Mining and

Analysis. This book is part of the SAS Press program. Text Mining and Analysis Penguin Random House South Africa Prospective homeschoolers are parents looking for an alternative to the mainstream educational system for their offspring. But homeschooling children at high school level strikes fear into even the most dedicated of homeschoolers. They need information and answers to their questions. And with the current educational and unemployment problems in

South Africa, young people need clear direction and guidance to help them achieve their goals. In addition to exploring the popular ways to gaining a recognised matric certificate outside the formal school system, Homeschooling High School also challenges readers to rethink their values, particularly the value they place on certification, and to consider some unconventional or alternative paths to success. In a clearly presented format, the book includes advice on legal

matters, identifying appropriate courses, sourcing study material, tips on entrepreneurship, financing tertiary studies and the testimonies of successful homeschooled graduates. Homeschooling High School is a comprehensive guide to plotting a path through high school and beyond.

Introstat Forgotten Books

Hard-headed evidence on why the returns from investing in girls are so high that no nation or family can afford not to educate their girls. Gene Sperling, author of the seminal 2004 report published by the Council on Foreign Relations,

and Rebecca Winthrop, director of the Center for Universal Education, have written this definitive book on the importance of girls' education. As Malala Yousafzai expresses in her foreword, the idea that any child could be denied an education due to poverty, custom, the law, or terrorist threats is just wrong and unimaginable. More than 1,000 studies have provided evidence that high-quality girls' education around the world leads to wide-ranging returns: Better outcomes in economic areas of growth and incomes Reduced rates of infant and maternal mortality Reduced rates of child marriage Reduced rates of the incidence of HIV/AIDS and malaria Increased

agricultural productivity Increased resilience to natural disasters Women's empowerment What Works in Girls' Education is a compelling work for both concerned global citizens, and any academic, expert, nongovernmental organization (NGO) staff member, policymaker, or journalist seeking to dive into the evidence and policies on girls' education. What Works in Girls' Education Penguin Deep Learning through Sparse Representation and Low-Rank Modeling bridges classical sparse and low rank models—those that emphasize problem-specific Interpretability—with recent

deep network models that have enabled a larger learning capacity and better utilization of Big Data. It shows how the toolkit of deep learning is closely tied with the sparse/low rank methods and algorithms, providing a rich variety of theoretical and analytic tools to guide the design and interpretation of deep learning models. The development of the theory and models is supported by a wide variety of applications in computer vision, machine learning, signal processing, and data mining. This book will be highly useful for

researchers, graduate students and practitioners working in the fields of computer vision, machine learning, signal processing, optimization and statistics. Combines classical sparse and low-rank models and algorithms with the latest advances in deep learning networks Shows how the structure and algorithms of sparse and low-rank methods improves the performance and interpretability of Deep Learning models Provides tactics on how to build and apply customized deep learning models for various applications

Mining Human Mobility in Location-Based Social Networks SME
This book will help direct mining operations through the use of innovative economic strategies. The text covers what is meant by a cost-effective mining scheme, the economics of information, and the procedures for rational evaluation of uncertain projects.
Deep Learning through Sparse and Low-Rank

Modeling John Wiley & Sons

A collaborative series with the University of Cambridge Faculty of Education highlighting leading-edge research across Teacher Education, International Education Reform and Language Education. Top Companies Morgan & Claypool Publishers
Foreign students have travelled to Britain for centuries and, from the beginning, attracted controversy. This book explores changing British policy and practice, and

changing student experience, set within the context of British social and political history.

Springer

The volume contains more than 70 papers covering the important topics and issues in metallurgy today including papers as follows: keynote papers covering a tribute to David Robertson, workforce skills needed in the profession going forward, copper smelting, ladle metallurgy, process metallurgy and resource efficiency, new flash iron making technology, ferro-alloy electric furnace smelting and on the role of

bubbles in metallurgical processing operations. Topics covered in detail in this volume include ferro-alloys, non-ferrous metallurgy, iron and steel, modeling, education, and fundamentals.

Annual Report

Brookings Institution Press

A two-volume comprehensive guide with information on obtaining scholastic grants, scholarships and other financial resources to be used for educational

expenses.

OECD Science, Technology and Industry Outlook 2014
Morgan & Claypool
Publishers

Educating the Engineer of 2020 is grounded by the observations, questions, and conclusions presented in the best-selling book The Engineer of 2020: Visions of Engineering in the New Century. This new book offers recommendations on how to enrich and broaden engineering education so graduates are better prepared to work in a constantly changing global economy. It notes the

importance of improving recruitment and retention of students and making the learning experience more meaningful to them. It also discusses the value of considering changes in engineering education in the broader context of enhancing the status of the engineering profession and improving the public understanding of engineering. Although certain basics of engineering will not change in the future, the explosion of knowledge, the global economy, and the way engineers work will reflect an ongoing evolution. If the

United States is to maintain its economic leadership and be able to sustain its share of high-technology jobs, it must prepare for this wave of change.

Trust in Social Media
Cambridge University
Press

In recent years, there has been a rapid growth of location-based social networking services, such as Foursquare and Facebook Places, which have attracted an increasing number of users and greatly enriched their urban experience. Typical location-based social networking sites allow a

user to "check in" at a real-world POI (point of interest, e.g., a hotel, restaurant, theater, etc.), leave tips toward the POI, and share the check-in with their online friends. The check-in action bridges the gap between real world and online social networks, resulting in a new type of social networks, namely location-based social networks (LBSNs). Compared to traditional GPS data, location-based social networks data contains unique properties with abundant heterogeneous information to reveal human mobility, i.e., "when and

where a user (who) has been to for what," corresponding to an unprecedented opportunity to better understand human mobility from spatial, temporal, social, and content aspects. The mining and understanding of human mobility can further lead to effective approaches to improve current location-based services from mobile marketing to recommender systems, providing users more convenient life experience than before. This book takes a data mining perspective to offer an overview of studying human mobility in location-

based social networks and illuminate a wide range of related computational tasks. It introduces basic concepts, elaborates associated challenges, reviews state-of-the-art algorithms with illustrative examples and real-world LBSN datasets, and discusses effective evaluation methods in mining human mobility. In particular, we illustrate unique characteristics and research opportunities of LBSN data, present representative tasks of mining human mobility on location-based social networks, including

capturing user mobility patterns to understand when and where a user commonly goes (location prediction), and exploiting user preferences and location profiles to investigate where and when a user wants to explore (location recommendation), along with studying a user's check-in activity in terms of why a user goes to a certain location.

A History of Foreign Students in Britain Gale Research International, Limited

An introduction to applied statistics, this text

assumes a basic understanding of differentiation and integration.

Mining Economics and Strategy National Academies Press

This highly illustrated manual provides practical guidance on structural steelwork detailing. It describes the common structural shapes in use and how they are joined to form members and complete structures explains detailing practice and conventions provides detailing data for standard sections, bolts and welds emphasises the importance

of tolerances in order to achieve proper site fit-up discusses the important link between good detailing and construction costs Examples of structures include single and multi-storey buildings, towers and bridges. The detailing shown will be suitable in principle for fabrication and erection in many countries, and the sizes shown will act as a guide to preliminary design. The second edition has been updated to take account of changes to standards, including the revisions to BS5950 and includes a new chapter on computer aided detailing.

The Report: South Africa
2012 OECD Publishing
The Report: South Africa
2012 Oxford Business
Group OECD Science,
Technology and Industry
Outlook 2014 OECD
Publishing
Debt-Free U Academic
Press
The OECD Science,
Technology and Industry
Outlook 2014 reviews
key trends in science,
technology and
innovation (STI) policies,
and performance in more
than 45 economies,
including OECD countries
and major emerging

economies.
America, History and
Life Elsevier
Article abstracts and
citations of reviews and
dissertations covering
the United States and
Canada.
Sessional Papers Oxford
Business Group
This book can save you
more than \$100,000. These
days, most people assume
you need to pay a boatload
of money for a quality
college education. As a
result, students and their
parents are willing to go
into years of debt and
potentially sabotage their

entire financial futures just
to get a fancy name on their
diploma. But Zac
Bissonnette is walking proof
that this assumption is not
only false, but dangerous-a
class con game designed to
rip you off and doom your
student to a post-graduation
life of near poverty . From
his unique double
perspective-he's a personal
finance expert (at Daily
Finance) AND a current
senior at the University of
Massachusetts-Zac figured
out how to get an
outstanding education at a
public college, without
bankrupting his parents or
taking on massive loans.

Armed with his personal knowledge, the latest data, and smart analysis, Zac takes on the sacred cows of the higher education establishment. He reveals why a lot of the conventional wisdom about choosing and financing college is not only wrong but hazardous to you and your child's financial future. You'll discover, for instance, that: * Student loans are NOT a necessary evil. Ordinary middle class families can- and must-find ways to avoid them, even without scholarships. * College "rankings" are useless-designed to sell

magazines and generate hype. If you trust one of the major guides when picking a college, you face a potential financial disaster. * The elite graduate programs accept lots of people with non-elite bachelors degrees. So do America's most selective employers. The name on a diploma ultimately won't help your child have a more successful career or earn more money. Zac can prove every one of those bold assertions - and more. No matter what your current financial situation, he has a simple message for parents: "RELAX! Your kid will be

able to get a champagne education on a beer budget!"
The School World The Report: South Africa 2012
Praised for its accessible tone and extensive problem sets, this trusted text familiarizes students with the universal principles of engineering economics. This essential introduction features a wealth of specific Canadian examples and has been fully updated with new coverage of inflation

and environmental
stewardship as well as a
new chapter on project
management.

Enterprise Elsevier

A weekly review of politics,
literature, theology, and art.