

Mining Engineering Bursaries For 2014

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Sessional Papers Infobase Publishing

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.

Introstat Forgotten Books

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 New York Times Index SME

An introduction to applied statistics, this text assumes a basic understanding of differentiation and integration.

Celebrating the Megascale Penguin

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.

Deep Learning through Sparse and Low-Rank Modeling SAS Institute

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

A History of Foreign Students in Britain

Brookings Institution 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.

Top Companies Gale Research International, Limited

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.

Engineering Edward Elgar Pub

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.

New Serial Titles Springer

Article abstracts and citations of reviews and dissertations covering the United States and Canada. The College Blue Book Juta and Company Ltd 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!"

Morgan & Claypool Publishers

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.

Steel Detailers' Manual Springer

Social media greatly enables people to participate in online activities and shatters the barrier for online users to create and share information at any place at any time. However, the explosion of user-generated content poses novel challenges for online users to find relevant information, or,

The Report: South Africa 2012 National Academies Press

Excerpt from The Victoria History of the Counties of England: Kent Rich as every county is in materials for local history, there has hitherto been no attempt made to bring all these materials together into a coherent form. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

Educating the Engineer of 2020 Academic

Press

The Report: South Africa 2012 Oxford Business Group OECD Science, Technology and Industry Outlook 2014 OECD Publishing

Mining Human Mobility in Location-Based Social Networks Elsevier

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.

Annual Review John Wiley & Sons

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.

Debt-Free U Penguin Random House South Africa

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.

Homeschooling High School Cambridge University Press

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

Indian Engineering OECD Publishing
Water Resources: Crisis, Contamination and Management, Volume Five presents new and updated material and guidance on key procedures and protocols, along with timely topics such as climate change and integrated water resources management. The book is divided into three key sections which focus on sustainable development and management of water resources and techniques and methods for improving water use efficiency, the quality of water resources, migration of pollutant sources, geochemical processes, groundwater depletion, and a consolidated and coordinated approach to find the solution to water resource issues. Case studies illustrate key points. This book presents a comprehensive overview of the field and is relevant for students, professors, scholars, researchers and consultants in the fields of water resources, civil engineering, environmental engineering and hydrology. Provides an overview of the current status of water resources utilization, the likely scenario of future demands, and the advantages and disadvantages of systems techniques Includes numerous examples and real-world case studies Presents the roles of remote sensing and GIS in solving the water resource crisis

Ferguson Career Resource Guide to Grants, Scholarships, and Other Financial Resources, 2-Volume Set Morgan & Claypool Publishers
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