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Curriculum in International Contexts - Ashwani Kumar 2018-12-13

This book is an exposition of how political, cultural, historical, and economic structures and processes shape the nature and character of curriculum landscapes globally. By developing theoretical connections and providing contextual background, Kumar explores how colonialism and imperialism, state-led ideological control, and the wave of neoliberalism and capitalism insidiously impact the process of curriculum development in different parts of the world. Kumar also underscores how intellectual movements such as Marxism and postmodernism have shaped curriculum theory in varied political and economic settings. By emphasizing the connections between and among diverse cultural and political conceptualizations of curriculum, this volume contributes to the internationalization of curriculum studies discourses.

**Switchgear and Protection** - J. B. Gupta 2015

**Thermal conductivity: metallic elements and alloys** - Yeram Sarkis Touloukian 2014-05-14

In 1957, the Thermophysical Properties Research that about 100 journals are required to yield fifty percent. But that other fifty percent! It is scattered Center (TPRC) of Purdue University, under the leadership of its founder, Professor Y. S. Touloukian, through more than 3500 journals and other docu began to develop a coordinated experimental, ments, often items not readily identifiable or ob tainable. Nearly 50,000 references are now in the theoretical, and literature review program covering a set of properties of great importance to science and files. technology. Over the years, this program has grown Thus, the man who wants to use existing data, steadily, producing bibliographies, data compila rather than make new measurements himself, faces a long and costly task if he wants to assure himself tions and recommendations, experimental measure ments, and other output. The series of volumes for that he has found all the relevant results. More often which these remarks constitute a foreword is one of than not, a search for data stops after one or two these many important products. These volumes are a results are found-or after the searcher decides he has spent enough time looking. Now with the monumental accomplishment in themselves, re quiring for their production the combined knowledge appearance of these volumes, the scientist or engineer and skills of dozens of dedicated specialists. The who needs these kinds of data can consider himself very fortunate.

Utilisation of Electric Power - N. V. Suryanarayana 1994

This Book Is Prepared For Undergraduate Students Of Various Indian Universities And Those Preparing For Associate Membership Examination Of The Institution Of Electrical Engineers (India) As Well The Diploma In Electrical Engineering Examination Of Various Boards Of Technical Education Covering The Subjects Electric Drives And Control And Utilisation Of Electric Energy.The Chapter On Illumination Deals Extensively With The Principles Of The Interior, Factory Lighting And Flood Lighting Schemes As Well As The Features Of Street Lighting. A Section On Photometric Measurement Is Added Along With A Study Of Halogen Lamps And Energy Saving Fluorescent Lamps. The Chapter On Electric Drives And Control Covers The Recent Trends In Electric Traction Using Gto Thyristor Technology. Objective Type Questions Were Incorporated For Self Assessment.

Food in China - Frederick J. Simoons 2014-03-18

This volume is a study of Chinese food from a cultural and historical perspective. Its focus is on traditional

China before establishment of the People's Republic. It identifies and provides comprehensive information on a broad range of Chinese food plants and animals for general readers, as well as for specialists whose interests have led them to questions relating to the food of China. Readers will find discussions regarding origins, how things came to be, time and place of food-plant and animal domestication, the spread of plants and animals from and to China, and other historical questions regarding the foods used by the Chinese people. The book is written with Canton and the southeast as points of departure, but embraces all of China and is directed towards people unfamiliar with China.

A Course In Electrical Technology (For Degree) (13th Edition) - J.B. Gupta 2009

**Introduction to Plasma Physics** - R.J Goldston 2020-07-14

Introduction to Plasma Physics is the standard text for an introductory lecture course on plasma physics. The text's six sections lead readers systematically and comprehensively through the fundamentals of modern plasma physics. Sections on single-particle motion, plasmas as fluids, and collisional processes in plasmas lay the groundwork for a thorough understanding of the subject. The authors take care to place the material in its historical context for a rich understanding of the ideas presented. They also emphasize the importance of medical imaging in radiotherapy, providing a logical link to more advanced works in the area. The text includes problems, tables, and illustrations as well as a thorough index and a complete list of references.

**Essays on Gupta Culture** - Bardwell L. Smith 1983

**Generation, Distribution and Utilization of Electrical Energy** - C. L. Wadhwa 1989

**Analytic Functions of Several Complex Variables** - Robert Clifford Gunning 2009

The theory of analytic functions of several complex variables enjoyed a period of remarkable development in the middle part of the twentieth century. After initial successes by Poincare and others in the late 19th and early 20th centuries, the theory encountered obstacles that prevented it from growing quickly into an analogue of the theory for functions of one complex variable. Beginning in the 1930s, initially through the work of Oka, then H. Cartan, and continuing with the work of Grauert, Remmert, and others, new tools were introduced into the theory of several complex variables that resolved many of the open problems and fundamentally changed the landscape of the subject. These tools included a central role for sheaf theory and increased uses of topology and algebra. The book by Gunning and Rossi was the first of the modern era of the theory of several complex variables, which is distinguished by the use of these methods. The intention of Gunning and Rossi's book is to provide an extensive introduction to the Oka-Cartan theory and some of its applications, and to the general theory of analytic spaces. Fundamental concepts and techniques are discussed as early as possible. The first chapter covers material suitable for a one-semester graduate course, presenting many of the central problems and techniques, often in special cases. The later chapters give more detailed expositions of sheaf theory for analytic functions and the theory of complex analytic spaces. Since its original publication, this book has become a classic resource for the modern approach to functions of several complex variables and the theory of analytic spaces. Further information about this book, including updates, can be found at the following URL: [www.ams.org/bookpages/chel-368](http://www.ams.org/bookpages/chel-368).

*Elementary Education in India* - Jyoti Raina 2019-08-30

This book examines the policy shifts over the past three decades in the Indian education system. It explores how these shifts have unequivocally established the domination of neoliberal capital in the context of elementary education in India. The chapters in the volume: • Discuss a range of elementary education policies and programs in India with a focus on the policy development in recent decades of neoliberalism. • Analyse policy from diverse perspectives and varied vantage points by scholars, activists, and practitioners, illustrated with contemporary statistics. • Introduce the key curriculum, assessment, and learning debates from contemporary educational discourse. • Integrate the tools and methods of education policy analysis with basic concepts in education, like equality, quantity, equity, quality, and inclusion. A definitive interdisciplinary work on a key sector in India, this volume will be essential for scholars and researchers of education, public policy, sociology, politics, and South Asian studies.

*Improving Government Schools* - Mandira Kumar 2005

Contributed articles emanating from a documentation project by Sutradhar, a Bangalore based NGO; with reference to India.

**Corporate Social Responsibility in India** - Nayan Mitra 2016-09-28

This book provides a comprehensive overview of Corporate Social Responsibility (CSR) in Indian corporations following the 2013 legal mandate on corporate spending of profits for CSR. Bringing together authors hailing from diverse walks of life, the book pursues a 'hands-on' approach, with real-world case studies and examples that help the reader feel the dynamic pulse of India immediately after the ratification of the CSR mandate in the Companies Act, 2013. The Act is expected to affect over 16,300 companies with an estimated flow of approximately 200 billion Indian rupees into the economy every year, thus shaking the foundations of business and society and impacting the country at multiple stakeholder levels. As a result, India is likely to become the birthplace of social, economic, and environmental transformation through financial investments in CSR! In order to insightfully reflect on this transition, this book has been divided into three parts. The first part presents the CSR mandate and its implications, while the second focuses on its implementation and the third part provides a view on the way forward. The book helps to reveal the various layers of CSR in an emerging economy like India and is expected to spark debate, discussion and research among policy-makers, consultants, academics, practitioners and other stakeholders the world over, which will further expand its contribution to CSR literature and open up new vistas in CSR research. "This is indeed a first of its kind book and marks a watershed in the journey of CSR. It is an extremely important contribution to the body of knowledge in the area of CSR and Corporate Governance in emerging economies that is driven by a completely different set of challenges, opportunities and requirements from that of developed economies." Dr. Bhaskar Chatterjee, Director General & CEO, Indian Institute of Corporate Affairs

**Utilization of Electric Power and Electric Traction** - J. B. Gupta 2012

**Utilization Of Electric Energy** - Tarlok Singh 2009-01-01

**A Course in Electrical Power** - J.B. Gupta 2013

*Second Order Linear Differential Equations in Banach Spaces* - H.O. Fattorini 2011-08-18

Second order linear differential equations in Banach spaces can be used for modelling such second order equations of mathematical physics as the wave equation, the Klein-Gordon equation, et al. In this way, a unified treatment can be given to subjects such as growth of solutions, singular perturbation of parabolic, hyperbolic and Schrödinger type initial value problems, and the like. The book covers in detail these subjects as well as the applications to each specific problem.

**Management, Performance, and Applications of Micro Irrigation Systems** - Megh R. Goyal 2014-08-19

Management, Performance, and Applications of Micro Irrigation Systems, the fourth volume in the Research Advances in Sustainable Micro Irrigation series, emphasizes sustainable and meaningful methods of irrigation to counter rampant water scarcity. In many parts of the world, this scarcity significantly affects

crop yield, crop quality, and, conseq

*A Textbook of Strength of Materials* - R. K. Bansal 2010

**Friction Based Additive Manufacturing Technologies** - Sandeep Rathee 2018-04-17

Friction additive manufacturing is a term used for friction based solid state welding processes in conjugation with additive manufacturing, to produce components with superior structural and mechanical properties. This is a novel manufacturing technology of developing high structural performance components. It utilizes the principle of layer by layer additive manufacturing and is a major breakthrough in metal additive manufacturing. The book is a compilation of friction based solid state processes and additive manufacturing principles, and will cover the methodological principles, benefits, limitations, and applications of additive manufacturing and friction stir welding processes.

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**Complex Variables and Applications** - Ruel Vance Churchill 1960

**Electrical Engineering** - R.K. Rajput 2007

*Electrets* - Gerhard M. Sessler 2006-01-21

**Alternatives to Animal Use in Research, Testing, and Education** - 1986

**Transparent Semiconducting Oxides** - Zbigniew Galazka 2020-04-08

This book discusses various aspects of different bulk TSO single crystals in terms of thermodynamics; bulk crystal growth using diverse techniques involving gas phase, solution, and melt; and the resulting crystal size, appearance, and structural quality as well as the fundamental properties that were gathered from bulk single crystals. It presents experimental results accompanied by theoretical results, such as band structure and native defects. Combinations of various bulk single crystals along with their properties show great promise in practical device functionality and fabrication. Many TSO-based devices have already been demonstrated in several technical areas, including electronics, optoelectronics, and photovoltaics as well as sensing devices. The book is the first of its kind that brings together a variety of bulk single crystals of scientifically and technically important TSOs along with their properties, which may result in novel devices with unique functionalities.

*Children and Sustainable Development* - Antonio M. Battro 2016-12-08

This book addresses the changes in education practices, especially basic education, necessitated by the global challenges of climate change and sustainable development and in a context characterized by increasing poverty and inequality, migration and refugees. Written by a range of international scholars, scientists and grassroots practitioners from Africa, Latin America, Asia (India, China, Malaysia) and Europe, the individual contributions focus on education policies and child development in various social contexts. Case-based experiences from both developed and developing countries provide inspiration and shed new light on the fundamental changes needed to adapt existing school systems and teacher training to face the challenges of the future. In this regard, the need to empower children themselves is emphasized. All contributions are based on a Workshop hosted in November 2015 by the Pontifical Academy of Sciences at the Vatican entitled "Children and Sustainable Development: A Challenge for Education" and follow three other significant events on sustainable development in 2015, namely the publication of Laudato Si', the Encyclical Letter from Pope Francis, the release of the United Nations Sustainable Development Goals, and the COP21 Conference in Paris.

**Smoking and Health** - United States. Surgeon General's Advisory Committee on Smoking and Health 1964

*An Integrated Course In Electrical Engineering (3rd Edition)* - J.B. Gupta 2009

**An Introduction to Multivariate Statistical Analysis** - Theodore W. Anderson 2003-07-25

Perfected over three editions and more than forty years, this field- and classroom-tested reference: \* Uses the method of maximum likelihood to a large extent to ensure reasonable, and in some cases optimal procedures. \* Treats all the basic and important topics in multivariate statistics. \* Adds two new chapters, along with a number of new sections. \* Provides the most methodical, up-to-date information on MV statistics available.

**PRODUCT DESIGN AND MANUFACTURING** - A. K. CHITALE 2013-11-13

This well-established and widely adopted text, now in its Sixth Edition, continues to provide a comprehensive coverage of the morphology of the design process. It gives a holistic view of product design, which has inputs from diverse fields such as aesthetics, strength analysis, production design, ergonomics, reliability and quality, Taguchi methods and quality with six sigma, and computer applications. The text discusses the importance and objectives of design for environment and describes the various approaches by which a modern, environment-conscious designer goes about the task of design for environment. Many examples have been provided to illustrate the concepts discussed. In this sixth edition, three appendices have been added. Appendix A deals with limits, fits and tolerance along with their applications. Appendix B discusses the use of G and M codes for part programming with illustrative examples. Appendix C explains the advanced concepts of aesthetics. The book is primarily intended as a text for courses in mechanical engineering, production engineering, and industrial design and management. It will also prove handy for practising engineers. Key Features • Provides concepts from material science, which include inputs on ceramics, rubber, polymers and other materials to make the design idea physically realizable. • Uses the modern Concurrent Design concept to satisfy diverse groups/areas such as marketing, vendors, production and quality assurance. • Considers the use of computers while analyzing modern techniques of prototyping, simulation of product and its use. Introduces AI, robots, AGV, PLC and AS/RS in manufacturing automation.

**Basic Electrical Engineering** - Mehta V.K. & Mehta Rohit 2008

For close to 30 years, [Basic Electrical Engineering] has been the go-to text for students of Electrical Engineering. Emphasis on concepts and clear mathematical derivations, simple language coupled with systematic development of the subject aided by illustrations makes this text a fundamental read on the subject. Divided into 17 chapters, the book covers all the major topics such as DC Circuits, Units of Work, Power and Energy, Magnetic Circuits, fundamentals of AC Circuits and Electrical Instruments and Electrical Measurements in a straightforward manner for students to understand.

**Electrical Machines (Uptu)** - J. B. Gupta 2009-01-01

**Generation and Utilization of Electrical Energy** - S. Sivanagaraju 2010

Generation and Utilization of Electrical Energy is a comprehensive text designed for undergraduate courses in electrical engineering. The text introduces the reader to the generation of electrical energy and then goes on to explain how this energy can be effectively utilized for various applications like welding, electric traction, illumination, and electrolysis. The detailed explanations of practical applications make this an ideal reference book both inside and outside the classroom.

**Basic Electrical and Electronics Engineering** - R.K. Rajput 2007

**Generation of Electrical Energy, 7th Edition** - Gupta B.R. 2017

Generation of Electrical Energy is written primarily for the undergraduate students of electrical engineering while also covering the syllabus of AMIE and act as a refresher for the professionals in the field. The subject itself is now rejuvenated with important new developments. With this in view, the book covers conventional topics like load curves, steam generation, hydro-generation parallel operation as well as new topics like new sources of energy generation, hydrothermal coordination, static reserve reliability evaluation among others.

**Objective Electrical Technology** - Rohit Mehta 2008

In the present edition, authors have made sincere efforts to make the book up-to-date. A notable feature is the inclusion of two chapters on Power System. It is hoped that this edition will serve the readers in a more useful way.

**Utilisation of Electrical Power** - Er. R. K. Rajput 2006

**Intelligent Hybrid Systems** - Da Ruan 2012-12-06

Intelligent Hybrid Systems: Fuzzy Logic, Neural Networks, and Genetic Algorithms is an organized edited collection of contributed chapters covering basic principles, methodologies, and applications of fuzzy systems, neural networks and genetic algorithms. All chapters are original contributions by leading researchers written exclusively for this volume. This book reviews important concepts and models, and focuses on specific methodologies common to fuzzy systems, neural networks and evolutionary computation. The emphasis is on development of cooperative models of hybrid systems. Included are applications related to intelligent data analysis, process analysis, intelligent adaptive information systems, systems identification, nonlinear systems, power and water system design, and many others. Intelligent Hybrid Systems: Fuzzy Logic, Neural Networks, and Genetic Algorithms provides researchers and engineers with up-to-date coverage of new results, methodologies and applications for building intelligent systems capable of solving large-scale problems.

**Utilization Of Electric Power & Electric Traction** - J. B. Gupta 2009-01-01