

# Manualul Inginerului Textilist

Nonwoven Fabrics Magic World of Textiles Technical Papers Plasma Technologies for Textiles East European Accessions List Simulation of Fluid Power Systems with Simcenter Amesim Bibliografia Republicii Populare Romîne Nodal Analysis of Power Systems Handbook of Textile Fibre Structure Cînepa Electrochromism Knitter's Handy Book of Patterns Quality Assurance for Textiles and Apparel 2nd Edition Bibliografia Republicii Socialiste România Wind, Snow and Temperature Effects on Structures Based on Probability Bibliografia națională a României East European Accessions Index Fundamentals of Spun Yarn Technology Bibliografia periodicelor din Republica Populară Romînă Sams Teach Yourself PHP, MySQL and Apache All in One Handbook of Technical Textiles Electrical Machines and Drive Systems Advanced Solutions in Power Systems Basic Principles of Textile Coloration Life Cycle Assessment Handbook Building Materials in Civil Engineering Revista de chimie Exploring Service Science Buletinul Handbook of Energy Manualul inginerului textilist Physical Testing of Textiles Buletinul Institutului Politehnic din Iași The Third Wave Sustainable Construction and Design Functional Textiles for Improved Performance, Protection and Health Bibliografia națională română Путевоодитель по венгерской и международной литературе о научной работе National Union Catalog Lucrări științifice

## **Nonwoven Fabrics**

### **Magic World of Textiles**

Between 1974 and 1990 more than thirty countries in southern Europe, Latin America, East Asia, and Eastern Europe shifted from authoritarian to democratic systems of government. This global democratic revolution is probably the most important political trend in the late twentieth century. In *The Third Wave*, Samuel P. Huntington analyzes the causes and nature of these democratic transitions, evaluates the prospects for stability of the new democracies, and explores the possibility of more countries becoming democratic. The recent transitions, he argues, are the third major wave of democratization in the modern world. Each of the two previous waves was followed by a reverse wave in which some countries shifted back to authoritarian government. Using concrete examples, empirical evidence, and insightful analysis, Huntington provides neither a theory nor a history of the third wave, but an explanation of why and how it occurred. Factors responsible for the democratic trend include the legitimacy dilemmas of authoritarian regimes; economic and social development; the changed role of the Catholic Church; the impact of the United States, the European Community, and the Soviet Union; and the "snowballing" phenomenon: change in one country

stimulating change in others. Five key elite groups within and outside the nondemocratic regime played roles in shaping the various ways democratization occurred. Compromise was key to all democratizations, and elections and nonviolent tactics also were central. New democracies must deal with the "torturer problem" and the "praetorian problem" and attempt to develop democratic values and processes. Disillusionment with democracy, Huntington argues, is necessary to consolidating democracy. He concludes the book with an analysis of the political, economic, and cultural factors that will decide whether or not the third wave continues. Several "Guidelines for Democratizers" offer specific, practical suggestions for initiating and carrying out reform. Huntington's emphasis on practical application makes this book a valuable tool for anyone engaged in the democratization process. At this volatile time in history, Huntington's assessment of the processes of democratization is indispensable to understanding the future of democracy in the world.

### **Technical Papers**

This book constitutes the proceedings of the 10th International Conference on Exploring Service Science, IESS 2020, held in Porto, Portugal, in February 2020. The 28 papers presented in this volume were carefully reviewed and selected from 42 submissions. The book includes papers that extend the view on different concepts related to the development of the Service Science domain of study,

applying them to frameworks, advanced technologies, and tools for the design of new, digitally-enabled service systems. This book is structured in six parts, based on the six main conference themes, as follows: Customer Experience, Data Analytics in Service, Emerging Service Technologies, Service Design and Innovation, Service Ecosystems, and Service Management.

### **Plasma Technologies for Textiles**

### **East European Accessions List**

This book examines the physical testing of textiles in the form of fibre, yarn and fabric, the emphasis throughout being on standard and reproducible tests. After an introductory explanation of sampling and measurement, the author explores the effects of moisture on textiles, then goes on to discuss fibre dimension, yarn tests for linear density, twist, evenness and hairiness, tensile strength, and dimensional stability and serviceability. Also covered are aspects of comfort and fabric handle, colour fastness and quality assurance. The book's comprehensive coverage of the physical properties of textiles makes it an essential reference for managers in the textiles industry concerned with quality assurance, garment and fabric technologists, and students of textile science and engineering.

## **Simulation of Fluid Power Systems with Simcenter Amesim**

### **Bibliografia Republicii Populare Romîne**

Textile Quality Assurance is the process of designing, producing, evaluating, and checking products to determine if they meet the desired quality level of a company's target market. Quality Assurance for Textiles and Apparel, second edition, reflects the industry's best practice and most practical efforts to provide products of a consistent quality to meet customer's needs. With updated information on technological advances, the second edition emphasizes the importance of incorporating product quality from the merchandising and design stages through production, delivery and retailing. Features · Discussion of body scanning as it relates to assessing body shape, sizing, and fit · Current information about standard test methods, documents, and practices · Student activities and review questions at the end of each chapter Instructors, contact your Sales Representative for access to Instructor's Materials.

### **Nodal Analysis of Power Systems**

## **Handbook of Textile Fibre Structure**

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Whether you are studying to take the LEED® Accredited Professional (AP) Exam or you are a student in a construction related program, this book is for you! Thorough and complete coverage explains the “how” and the “why” of sustainable construction so you can be better prepared for the LEED® AP Exam and life in the field. Sustainable Construction and Design provides a solid foundation in the underlying conceptual framework of sustainable construction. Part One focuses on the foundations of sustainability, including the origins of sustainable design, the ecological structure of matter and the physical laws that govern it. Part Two provides a sustainable construction roadmap and how the concepts can be applied in the real world. It Addresses the LEED® prerequisites and credits and follows a commercial construction project through the certification process. Sustainable Construction and Design also expands sustainable concepts beyond the LEED® Credit Template and ideas into the residential arena as it reviews the process of a collaborative project that students created with Habitat for Humanity. It explains in depth about the qualities and conditions needed to create a successful design charrette, as it is the critical vehicle that brings both collaboration and whole-systems thinking into the process. The DVD that is included with the textbook assists in creating the loose structure of a design charrette. Don't leave your

success to chance. Get your copy of Sustainable Construction and Design today!

## **Cînepa**

Includes entries for maps and atlases.

## **Electrochromism**

## **Knitter's Handy Book of Patterns**

## **Quality Assurance for Textiles and Apparel 2nd Edition**

## **Bibliografia Republicii Socialiste România**

## **Wind, Snow and Temperature Effects on Structures Based on Probability**

## **Bibliografia națională a României**

## **East European Accessions Index**

## **Fundamentals of Spun Yarn Technology**

Due to their complexity and diversity, understanding the structure of textile fibres is of key importance. This authoritative two-volume collection provides a comprehensive review of the structure of an extensive range of textile fibres. Volume 2 begins by reviewing natural fibres such as cellulosic, cotton, protein, wool and silk fibres. Part two considers regenerated cellulosic, protein, alginate, chitin and chitosan fibres. The final part of the book discusses inorganic fibres such as glass, carbon and ceramic fibres as well as specialist fibres such as thermally and chemically-resistant fibres, optical and hollow fibres. Chapters review how fibre structure contributes to key mechanical properties. A companion volume reviews the structure of manufactured polymer fibres. Edited by leading authorities on the subject and with a team of international authors, the two volumes of the Handbook of textile fibre structure is an essential reference for textile technologists, fibre scientists, textile engineers and those in academia. Discusses



how fibre structure contributes to key mechanical properties Reviews natural fibres such as cellulosic, cotton and silk fibres and considers various regenerated fibres Examines inorganic fibres including glass and carbon as well as specialist fibres such as chemically-resistant and optical fibres

### **Bibliografia periodicelor din Republica Populară Română**

### **Sams Teach Yourself PHP, MySQL and Apache All in One**

Plasma technologies present an environmentally-friendly and versatile way of treating textile materials in order to enhance a variety of properties such as wettability, liquid repellency, dyeability and coating adhesion. Recent advances made in commercially viable plasma systems have greatly increased the potential of using plasma technology in industrial textile finishing. This pioneering book provides an essential guide to both the technology and science related to plasmas and its practical applications in the textile industry. The first part of the book discusses the science and technology behind plasmas. Chapters give detailed and comprehensive descriptions on the characteristics of plasmas and methods of control and treatment in the processing of textiles. Both low pressure cold plasma and atmospheric pressure cold plasma processes are described as well as the

diagnosis and control of plasma parameters in plasma generating reactors. A chapter is devoted to the use of plasma technology to achieve nanoscale treatment of textile surfaces. The second part of the book concentrates on specific applications of plasma technologies. Chapters cover treatments for water and oil repellency of textiles, engineering of biomedical textiles and woollen finishing techniques through the use of plasma technologies. Further chapters cover the modification of fibres for use in composites and the potential use of plasma technologies for the finishing of fabrics made of man made fibres. The final chapter in the book gives a comprehensive analysis of the surface chemical and physical characterisation of plasma treated fabrics. Written by a distinguished international team of experts, Plasma technologies for textiles is an invaluable reference for researchers, scientists and technologists alike. Summarises both the science and technology of plasma processing, and its practical applications Discusses how plasma technology improves textile properties such as wettability and liquid repelling An invaluable reference for researchers, scientists and technologists

### **Handbook of Technical Textiles**

The construction of buildings and structures relies on having a thorough understanding of building materials. Without this knowledge it would not be possible to build safe, efficient and long-lasting buildings, structures and dwellings. Building materials in civil engineering provides an overview of the complete range

of building materials available to civil engineers and all those involved in the building and construction industries. The book begins with an introductory chapter describing the basic properties of building materials. Further chapters cover the basic properties of building materials, air hardening cement materials, cement, concrete, building mortar, wall and roof materials, construction steel, wood, waterproof materials, building plastics, heat-insulating materials and sound-absorbing materials and finishing materials. Each chapter includes a series of questions, allowing readers to test the knowledge they have gained. A detailed appendix gives information on the testing of building materials. With its distinguished editor and eminent editorial committee, Building materials in civil engineering is a standard introductory reference book on the complete range of building materials. It is aimed at students of civil engineering, construction engineering and allied courses including water supply and drainage engineering. It also serves as a source of essential background information for engineers and professionals in the civil engineering and construction sector. Provides an overview of the complete range of building materials available to civil engineers and all those involved in the building and construction industries Explores the basic properties of building materials featuring air hardening cement materials, wall and roof materials and sound-absorbing materials Each chapter includes a series of questions, allowing readers to test the knowledge they have gained

## **Electrical Machines and Drive Systems**

Existing textbooks covering the subject of yarn manufacture largely concentrate on describing the workings of machines. *Fundamentals of Spun Yarn Technology* presents complete coverage of yarn manufacture and technology and current research findings on the structure and properties of spun yarns. Written by a well-known and respected authority on textile technology, it not only introduces the subject, but it provides students with an advanced understanding of the various process stages. The book introduces the rudiments of staple yarn technology, covering the manufacturing process, the raw materials, and processes including short staple, worsted, semiworsted and woollen spinning, doubling, and specialty yarn processes. It also covers the more advanced studies in staple yarn technology, including new developments in fiber preparation technology, carding technology, roller drafting, gilling, ring spinning, open-end rotor spinning, air jet spinning and new research on unconventional spinning systems. This extensive range of topics, along with hundreds of tables and illustrations presented in *Fundamentals of Spun Yarn Technology* make it a comprehensive and up-to-date treatment of the field.

## **Advanced Solutions in Power Systems**

## **Basic Principles of Textile Coloration**

The first book of its kind, the LCA Handbook will become an invaluable resource for environmentally progressive manufacturers and suppliers, product and process designers, executives and managers, and government officials who want to learn about this essential component of environmental sustainability.

### **Life Cycle Assessment Handbook**

Provides insight on both classical means and new trends in the application of power electronic and artificial intelligence techniques in power system operation and control This book presents advanced solutions for power system controllability improvement, transmission capability enhancement and operation planning. The book is organized into three parts. The first part describes the CSC-HVDC and VSC-HVDC technologies, the second part presents the FACTS devices, and the third part refers to the artificial intelligence techniques. All technologies and tools approached in this book are essential for power system development to comply with the smart grid requirements. Discusses detailed operating principles and diagrams, theory of modeling, control strategies and physical installations around the world of HVDC and FACTS systems Covers a wide range of Artificial Intelligence techniques that are successfully applied for many power system problems, from planning and monitoring to operation and control Each chapter is carefully edited, with drawings and illustrations that helps the reader to easily understand the

principles of operation or application Advanced Solutions in Power Systems: HVDC, FACTS, and Artificial Intelligence is written for graduate students, researchers in transmission and distribution networks, and power system operation. This book also serves as a reference for professional software developers and practicing engineers.

### **Building Materials in Civil Engineering**

Electrochromic devices have a number of important commercial applications, for instance in displays, as optical shutters, and as modulators for mirrors, windows, and sun-glasses. Electrochromism - Fundamentals and Applications is the first in-depth treatise on the topic. Written by leading scientists in the field, it is a state-of-the-art account of all aspects of electrochromism, presented at a level accessible to chemists, physicists, materials scientists and engineers. Both the physical and chemical background of electrochromic phenomena are described and a comprehensive survey of both organic and inorganic compounds and systems is given. Special emphasis is placed on providing detailed, hands-on information on applications and potential uses of electrochromic systems. This book is essential reading for scientists active in the field and for anyone wishing to enter the field. An extensive list of carefully chosen references rounds off this valuable reference source.

## **Revista de chimie**

Handbook of Energy, Volume I: Diagrams, Charts, and Tables provides comprehensive, organized coverage on all phases of energy and its role in society, including its social, economic, political, historical, and environmental aspects. While there is a wealth of information about energy available, it is spread across many books, journals, and websites and it tends to target either a particular form of energy or a specific audience. Handbook of Energy provides a central repository of information that meets diverse user communities. It focuses on visual, graphic, and tabular information in a schematic format. Individuals and researchers at all educational levels will find the Handbook of Energy to be a valuable addition to their personal libraries. Easy-to-read technical diagrams and tables display a vast array of data and concepts

## **Exploring Service Science**

## **Buletinul**

This book illustrates numerical simulation of fluid power systems by LMS Amesim Platform covering hydrostatic transmissions, electro hydraulic servo valves,

hydraulic servomechanisms for aerospace engineering, speed governors for power machines, fuel injection systems, and automotive servo systems.

## **Handbook of Energy**

## **Manualul inginerului textilist**

## **Physical Testing of Textiles**

## **Buletinul Institutului Politehnic din Iași**

## **The Third Wave**

## **Sustainable Construction and Design**



## **Functional Textiles for Improved Performance, Protection and Health**

Offering charts and plans for making infant- through adult-sized projects, this unique book provides knitters with a complete resource of more than 350 patterns for caps, tams, scarves, vests, sweaters, mittens, gloves, and socks that are written for multiple gauges to accommodate all weights of yarn from bulky to fingering. Also included are the basics of pattern design and alteration to allow for the addition of different types of texture and color patterns or the modification of existing patterns to accommodate more gauges. Patterns are also accompanied by an assortment of ideas for edgings.

### **Bibliografia națională română**

The textile industry is increasingly based on ongoing innovation and development of higher performance products, and the field of functional textiles is no exception. This book explores the development of textiles with a wide range of functions, with the aim of improving the performance of the product in terms of the protection and health benefits that it can offer. The book is split into two parts. Part one focuses on functional textiles for improved performance and protection, with chapters reviewing antistatic, flame retardant and infrared functional textiles, among many

others. Chapters in part two examine the uses of functional textiles in a medical context, including superhydrophobic materials, antibacterial textiles and insect-repellent materials. With its distinguished editors and contributions from some of the world's leading authorities, Functional textiles for improved performance, protection and health is invaluable for textile scientists, technologists and engineers as well as those designing and manufacturing textiles. It is also a suitable reference for the academic sector. Examines the use of functional textiles in a medical context, including superhydrophobic materials, antibacterial textiles and insect-repellent materials Topics range from textile chemicals and their interaction with skin to novel pesticide protective clothing Considers anti-ultraviolet protection of clothing and flame retardant textiles

### **Путеводитель по венгерской и международной литературе о научной работе**

From the utilization of textile waste to the high-tech product - this is how modern nonwovens can best be described. Web formation and web bonding processes have recently been enhanced. Nowadays, fibres, granulates, binder and finishing agents are used. This development entails a wider range of applications in the fields of hygiene, medicine, the garment-producing and building industries, interior design as well as further technical uses. This book provides comprehensive information

about nonwovens, from the raw material fibres via the manufacturing processes to finishing and to the ready-made product. Nonwoven characteristics and the fields of application are discussed in detail as well as the processes available to test the raw materials, the intermediate and the final products. This book will be the standard reference on nonwovens in the years to come!

### **National Union Catalog**

### **Lucrări științifice**

The first edition of Handbook of Technical Textiles has been an essential purchase for professionals and researchers in this area since its publication in 2000. With revised and updated coverage, including several new chapters, this revised two volume second edition reviews recent developments and new technologies across the field of technical textiles. Volume 2 – Technical Textile Applications offers an indispensable guide to established and developing areas in the use of technical textiles. The areas covered include textiles for personal protection and welfare, such as those designed for ballistic protection, personal thermal and fire protection, and medical applications; textiles for industrial, transport and engineering applications, including composite reinforcement and filtration; and the

growing area of smart textiles. Comprehensive handbook for all aspects of technical textiles Provides updated, detailed coverage of processes, fabric structure, and applications Ideal resource for those interested in high-performance textiles, textile processes, textile processing, and textile applications Many of the original, recognized experts from the first edition update their respective chapters

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES &  
HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR  
LITERARY FICTION NON-FICTION SCIENCE FICTION