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Sensors in Science and Technology

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The Jewish Encyclopedia

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Non-Destructive Testing in Civil Engineering 2000

Chemical and Rubber Industry Report

Cities in a Time of Terror: Space, Territory, and Local Resilience

Foreign Agriculture

Struggling for Recognition

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Developments in the Science and Technology of Composite Materials
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Computer Aided Proofs in Analysis
The Jewish Encyclopedia
Novel Frontiers in the Production of Compounds for Biomedical Use

Hamburg Harburg

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Sensors in Science and Technology

National Academies Press

Sensors are used to measure physical, chemical and biological quantities. The book offers a comprehensive overview of physical principles, functions and applications of sensors. It is structured according to the fields of activity of sensors and shows their application by means of typical examples. Measured

variables that can be recorded by sensors are e.g. mechanical, dynamic, thermal, electrical and magnetic. Furthermore, optical and acoustical sensors are discussed in detail in the book. The sensor signals are recorded, processed and converted into control signals for actuators. Such sensor systems are also presented.

Rhenania Ossag Mineraloelwerke A.G.

Princeton University Press

As a religious and cultural minority in Turkey, the Alevis have suffered a long history of persecution and discrimination.

In the late 1980s they started a movement for the recognition of Alevi identity in both Germany and Turkey. Today, they constitute a significant segment of Germany's Turkish immigrant population. In a departure from the current debate on identity and diaspora, Sökefeld offers a rich account of the emergence and institutionalization of the Alevi movement in Germany, giving particular attention to its politics of recognition within Germany and in a transnational context. The book deftly combines empirical findings with innovative theoretical arguments and

addresses current questions of migration, diaspora, transnationalism, and identity.

Advances and Trends in Structural Engineering, Mechanics and Computation Springer Science & Business Media

This work grew out of several years of research, graduate seminars and talks on the subject. It was motivated by a desire to make the technology accessible to those who most needed it or could most use it. It is meant to be a self-contained introduction, a reference for the techniques, and a guide to the literature for the underlying theory. It contains pointers to fertile areas for future research. It also serves as introductory documentation for a Fortran 90 software package for nonlinear systems and global optimization. The subject of the monograph is deterministic, automatically verified or rigorous methods. In such methods, directed rounding and computational fix-point theory are combined with exhaustive search (branch and bound) techniques. Completion of such an algorithm with a list of solutions constitutes a rigorous mathematical proof that all of the solutions within the original

search region are within the output list. The monograph is appropriate as an introduction to research and technology in the area, as a desk reference, or as a graduate-level course reference. Knowledge of calculus, linear algebra, and elementary numerical analysis is assumed.

Art, Space and the City Springer

The Conference is the premier international meeting for the presentation of original work addressing all aspects of the theory, design, fabrication, assembly, packaging, testing and application of solid-state sensors, actuators, MEMS, and microsystems.

Current Abstracts Elsevier

This book is about urban terror - its meaning, its ramifications, and its impact on city life. Written by a well-known expert in the field, "Cities in a Time of Terror" draws on data from more than a thousand cities across the globe and traces the evolution of urban terrorism between 1968 and 2006. It explains what kinds of cities have become prime targets, why terrorism has become increasingly lethal, and how its inspiration has changed from secular to religious. The author describes urban

terrorism as an attempt to use the city's own strength against itself, forcing it to implode, and delineates three basic logics of terrorist choices for targeting cities. The book also includes a discussion of local resilience - the city's capacity to bounce back from attack - and suggests how that can be sustained. Examples from New York, London, Jerusalem, Istanbul, Moscow, Paris, and Madrid illustrate the book's central themes.

1st World Congress on Electroporation and Pulsed Electric Fields in Biology, Medicine and Food & Environmental Technologies Springer Science & Business Media

Advances and Trends in Structural Engineering, Mechanics and Computation features over 300 papers classified into 21 sections, which were presented at the Fourth International Conference on Structural Engineering, Mechanics and Computation (SEMC 2010, Cape Town, South Africa, 6-8 September 2010). The SEMC conferences have been held every 3 years in

Minutes of Proceedings of the Institution of Civil Engineers Springer Nature

The first international symposium on NDT-

CE (Non-Destructive Testing in Civil Engineering) was held in Berlin, Germany in 1991. Successive symposia were held throughout Europe until 1997. This, the 5th symposium is organized as SEIKEN SYMPOSIUM No. 26, and is sponsored by the Institute of Industrial Science, at the University of Tokyo, Japan. Original objectives of the NDT-CE symposium have been to provide an opportunity for discussing current issues and future perspectives of NDT and for promoting mutual understanding among engineers and researchers. Asia is one of the key regions for further development in NDT and this symposium in Japan will be a good opportunity not only to exchange technical information on NDT, but to promote worldwide friendship between engineers in Asian countries and other nations of the world. This volume contains 70 papers providing the most recent research results and findings. The papers are grouped under the following areas: (1) keynote papers, (2) magnetic / electric, (3) steel structures, (4) integrated test, (5) moisture, (6) strength, (7) acoustic emission, (8) various tests, (9) ultrasonic, (10) impact echo, (11) radar, (12) quality

and (13) corrosion / cover.

Darstellungen Aus Den Nachkriegskämpfen Deutscher Truppen und Freikorps Routledge

At the time when "Parkinson's Disease" is diagnosed in a patient, roughly two thirds of dopaminergic neurons of substantia nigra are already degenerated. The onset of the disease must, therefore, be much earlier. This book deals with early diagnosis and early preventive treatment which may sustain the process underlying the disease. By use of psychometric, kinesiologic, physiologic, histologic, biochemical, endocrinologic, pharmacologic and imaging techniques, including positron-emission tomography and brain mapping, specialists tried to focus on new diagnostic criteria. New methods including psychometric evaluation, apparatusive measurement of movement, analysis of peripheral blood and urinary constituents have supplemented this approach. It has been agreed that early preventive therapy consists of low dosis of L-DOPA plus benserazide, L-deprenyl and dopaminergic agonists.

Chemicals Soyinfo Center

These are powerful times. Fundamental change is around the corner, but the concrete manifestations are unpredictable. Past trends will, less than ever, be a reliable orientation for desirable action. Adopting familiar game plans, reinforcing standard procedures and implementing strategies which were successful in the good old days of the second half of the 20th century are no longer a guarantee for an adequate solution. And even if they seem to alleviate a problem in the short term, they may lay the roots for failure in the longer term. What is needed in such a situation is the enhancement of resilience to facilitate the absorption of the unexpected and the unforeseeable; strengthening of the capacity to adjust innovatively and flexibly to rapidly changing political, economic, social and technological circumstances; and, in the political arena, to stretch what interest groups and the public believe is socially acceptable and thus politically feasible. This is the lesson to be learned from the 2,000 year long history of globalisation and the story of one city, Hamburg, which for 1,000 years has successfully remained on the side of the winners.

United States Official Postal Guide
Earthscan

The world's most comprehensive, well documented, and well illustrated book on this subject. With extensive subject and geographic index. 245 photographs and illustrations - mostly color. Free of charge in digital format on Google Books

Yip Harburg Casemate Publishers

Biological treatment of urban biodegradable wastes is on the increase in Europe. Future growth looks certain, with pressures to provide an alternative to landfill in managing our cities' wastes. This book deals with urban biodegradables from households, trade, light industry, gardens and parks. It examines legislation and regulation, methods of composting and collection, management systems, occupational health, anaerobic and other processes, biodegradability, product quality, marketing, and end-user demands. Sections on: * existing and emerging legislation and regulation * local composting and collection * systems, cases and collection * occupational health * anaerobic processing * biodegradability * aerobic and other processing * product quality, marketing and end-user demands

* urban biodegradable wastes status and opinion The book reflects up-to-date theory and practice and will be particularly valuable reading for university graduate schools, consulting engineering companies and managers in biological waste treatment.

Capitalising on Change in a Globalising World Prentice Hall

While America's relationship with Britain has often been deemed unique, especially during the two world wars when Germany was a common enemy, the American business sector actually had a greater affinity with Germany for most of the twentieth century. American Big Business in Britain and Germany examines the triangular relationship between the American, British, and German business communities and how the special relationship that Britain believed it had with the United States was supplanted by one between America and Germany. Volker Berghahn begins with the pre-1914 period and moves through the 1920s, when American investments supported German reconstruction rather than British industry. The Nazi seizure of power in 1933 led to a reversal in German-

American relations, forcing American corporations to consider cutting their losses or collaborating with a regime that was inexorably moving toward war. Although Britain hoped that the wartime economic alliance with the United States would continue after World War II, the American business community reconnected with West Germany to rebuild Europe's economy. And while Britain thought they had established their special relationship with America once again in the 1980s and 90s, in actuality it was the Germans who, with American help, had acquired an informal economic empire on the European continent. American Big Business in Britain and Germany uncovers the surprising and differing relationships of the American business community with two major European trading partners from 1900 through the twentieth century. Baedeker's Hamburg Springer
Absorption-Based Post-Combustion Capture of Carbon Dioxide provides a comprehensive and authoritative review of the use of absorbents for post-combustion capture of carbon dioxide. As fossil fuel-based power generation technologies are likely to remain key in the future, at least

in the short- and medium-term, carbon capture and storage will be a critical greenhouse gas reduction technique. Post-combustion capture involves the removal of carbon dioxide from flue gases after fuel combustion, meaning that carbon dioxide can then be compressed and cooled to form a safely transportable liquid that can be stored underground. Provides researchers in academia and industry with an authoritative overview of the amine-based methods for carbon dioxide capture from flue gases and related processes. Editors and contributors are well known experts in the field. Presents the first book on this specific topic.

American Big Business in Britain and Germany Wesleyan University Press

This book is a riveting account told in ten big chapters of the young RAF crews who flew Lancasters in RAF Bomber Command from 1942 to the end of the war in Europe in April 1945. It is unique in that the story is told using first person accounts from RAF aircrew and German night fighter crews who fought each other on raids on occupied Europe and Germany from 1942 onwards. Details of what it was like to be on the receiving end in Hamburg, Berlin,

Cologne etc are also included. A whole host of incredible first-hand accounts by British, Commonwealth, American and German air crews permeate the action and describe the aerial battles as only they can. This unique book also includes many accounts and photos that have not previously been seen before while the rich mix of combat accounts from all sides are brought together for the first time in one volume.

Energy Research Abstracts Psychology Press

This volume presents the proceedings of the 1st World Congress on Electroporation and Pulsed Electric Fields in Biology, Medicine and Food & Environmental Technologies (WC2015). The congress took place in Portorož, Slovenia, during the week of September 6th to 10th, 2015. The scientific part of the Congress covered different aspects of electroporation and related technologies and included the following main topics: · Application of pulsed electric fields technology in food: challenges and opportunities · Electrical impedance measurement for assessment of electroporation yield · Electrochemistry and electroporation · Electroporation

meets electrostimulation · Electrotechnologies for food and biomass treatment · Food and biotechnology applications · In vitro electroporation - basic mechanisms · Interfacial behaviour of lipid-assemblies, membranes and cells in electric fields · Irreversible electroporation in clinical use · Medical applications: electrochemotherapy · Medical applications: gene therapy · Non-electric field-based physical methods inducing cell poration and enhanced molecule transfer · Non-thermal plasmas for food safety, environmental applications and medical treatments · PEF for the food industry: fundamentals and applications · PEF process integration - complex process chains and process combinations in the food industry · Predictable animal models · Pulsed electric fields and electroporation technologies in bioeconomy · Veterinary medical applications

The Beatles Springer Science & Business Media

The contributions in this book were presented at the sixth international symposium on Advances in Robot Kinematics organised in June/July 1998 in Strobl/Salzburg in Austria. The preceding

symposia of the series took place in Ljubljana (1988), Linz (1990), Ferrara (1992), Ljubljana (1994), and Piran (1996). Ever since its first event, ARK has attracted the most outstanding authors in the area and managed to create a perfect combination of professionalism and friendly atmosphere. We are glad to observe that, in spite of a strong competition of many international conferences and meetings, ARK is continuing to grow in terms of the number of participants and in terms of its scientific impact. In its ten years, ARK has contributed to develop a remarkable scientific community in the area of robot kinematics. The last four symposia were organised under the patronage of the International Federation for the Theory of Machines and Mechanisms -IFTOMM. interest to researchers, doctoral students and teachers, The book is of engineers and mathematicians specialising in kinematics of robots and mechanisms, mathematical modelling, simulation, design, and control of robots. It is divided into sections that were found as the prevalent areas of the contemporary kinematics research. As it can easily be

noticed, an important part of the book is dedicated to various aspects of the kinematics of parallel mechanisms that persist to be one of the most attractive areas of research in robot kinematics.

Cities and Their Vital Systems CRC Press

"Simultaneously published in Great Britain by Little Brown UK"-- Title page verso.
Reference Guide to Christian Missionary Societies in China: From the Sixteenth to the Twentieth Century Berghahn Books
 This comprehensive guide will facilitate scholarly research concerning the history of Christianity in China as well as the wider Sino-Western cultural encounter. It will assist scholars in their search for material on the anthropological, educational, medical, scientific, social, political, and religious dimensions of the missionary presence in China prior to 1950. The guide contains nearly five hundred entries identifying both Roman Catholic and Protestant missionary sending agencies and related religious congregations. Each entry includes the organization's name in English, followed by its Chinese name, country of origin, and denominational affiliation. Special attention has been paid

to identifying the many small, lesser-known groups that arrived in China during the early decades of the twentieth century. In addition, a special category of the as yet little-studied indigenous communities of Chinese women has also been included. Multiple indexes enhance the guide's accessibility.

The Jewish Encyclopedia Murmann Publishers GmbH

Cities and Their Vital Systems asks basic questions about the longevity, utility, and nature of urban infrastructures; analyzes how they grow, interact, and change; and asks how, when, and at what cost they should be replaced. Among the topics discussed are problems arising from increasing air travel and airport congestion; the adequacy of water supplies and waste treatment; the impact of new technologies on construction; urban real estate values; and the field of "telematics," the combination of computers and telecommunications that makes money machines and national newspapers possible.

History of Soy Flour, Flakes and Grits (510 CE to 2019) Routledge

This book sees public art outside the

normal confines of art criticism and place it within broader contexts of public space

and gender. Using different perspectives,

it explores both the aesthetic and political aspects of the medium.