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This book introduces readers to two major sustainable applications of linear synchronous machines: wave energy conversion and magnetic levitation train technology. To do so, it begins with a state-of-the-art review of linear machines, covering induction and synchronous topologies and their applications, with a particular focus on sustainable applications. This is followed by an analysis of the electromagnetic modeling of linear synchronous machines, the goal being to investigate their main features, especially their force production capabilities.

Proceedings of the Second International Conference on the Theory of Groups

Physics and chemistry

Applied Mechanics Reviews

Bibliography of Technical Reports

Selected United States Government Publications

Creatively Teach the Common Core Literacy Standards With Technology

This Companion offers an extensive examination of how new technologies are changing the nature of literary studies, from scholarly editing and criticism, to interactive fiction and immersive environments. A complete overview exploring the application of computing in literary studies and seminal writings from the field. Focuses on methods and perspectives, new genres, formatting issues, and best practices for digital presentation of the new genres of hypertext literature, installations, gaming, and web blogs. The Appendix serves as an annotated bibliography.

Annotation: This volume consists of papers presented to the Second International Conference on the Theory of Groups held in Canberra together with a report by the chairman of the Organizing Committee and a collection of problems. The manuscripts were typed by Mrs. C. G. of the bibliographic work was done by Mrs. Pinkerton, and a number of colleagues helped with proof-reading; Professor Neumann, Drs. C. McDougall, Praeger, Pride, Rangaswamy and Stewart. I here record my thanks to all these people for their lightening of the editorial burden.

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Robotics—Advances in Research and Application: 2012 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Robotics. The editors have built Robotics—Advances in Research and Application: 2012 Edition on the vast information from ScholarlyNews.™ You can expect the information about Robotics in this eBook to be deeper than what you can access anywhere else, consistently reliable, authoritative, informed, and relevant. The content of Robotics—Advances in Research and Application: 2012 Edition is produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

A Companion to Digital Literary Studies

Anticarcinogenesis and Radiation Protection

Issues in Energy Research and Application: 2011 Edition

Energy Efficiency in Mobility Systems

The Homopolar Handbook

The Anti-Gravity Handbook

"Nikola Tesla on free energy & wireless transmission of power"--Cover.

Stapled booklet, research report 147, printed on acid-free paper.

Boundary Layer and Flow Control: Its Principles and Application, Volume 2 focuses on the layer of fluid in the immediate area of a bounding surface where the effects of viscosity are substantial. This book is organized into two main topics—boundary layer control for low drag, and shock-induced separation and its prevention by design and boundary layer control. It specifically discusses the nature of transition, effect of two-dimensional and isolated roughness on laminar flow, and progress in the design of low drag aerofoils. The onset of separation effects for aerofoils and wings, shock-induced separation for laminar boundary layers, and shock-induced separation for laminar boundary layers are also deliberated. This volume is recommended to physicists and specialists interested in boundary layer and flow control.

Popular Science

A Definitive Guide to Faraday Disk and N-Machine Technologies

Boundary Layer and Flow Control

Volume 2

Scientific and Technical Aerospace Reports

Research Report 147

This book highlights a diverse range of initiatives that have been launched to attain sustainable mobility systems, in particular regarding the energy efficiency aspect. It offers a valuable reference for various stakeholders in transportation systems, while also sharing new ideas on how transportation can meet the challenges of tomorrow.

Steam Generators for Nuclear Power Plants examines all phases of the lifecycle of nuclear steam

generators (NSGs), components which are essential for the efficient and safe operation of light water reactors (LWRs). Coverage spans the design, manufacturing, operation and maintenance, fitness-for-service, and long-term operation of these key reactor parts. Part One opens with a chapter that provides fundamental background on NSG engineering and operational experiences. Following chapters review the different NSG concepts, describe NSG design and manufacturing, and consider the particularities of SGs for VVER reactors. Part Two focuses on NSG operation and maintenance, starting with an overview of the activities required to support reliable and safe operation. The discussion then moves on to tubing vibration, followed by the water and steam cycle chemistry issues relevant to the NSG lifecycle. Finally, a number of chapters focus on the key issue of corrosion in NSGs from different angles. This book serves as a timely resource for professionals involved in all phases of the NSG lifecycle, from design, manufacturing, operation and maintenance, to fitness-for-service and long-term operation. It is also intended as a valuable resource for students and researchers interested in a range of topics relating to NSG lifecycle management. Fulfills the need for a detailed reference on steam generators for nuclear power plants Contains comprehensive coverage of all phases of the nuclear steam generator lifecycle, from design, manufacturing, operation and maintenance, to fitness-for-service and long-term operation in one convenient volume Presents contributions from key manufacturers and research institutes and universities

Educational Research: Quantitative, Qualitative, and Mixed Approaches by R. Burke Johnson and Larry Christensen offers a comprehensive, easily digestible introduction to research methods for undergraduate and graduate students. Readers will develop an understanding of the multiple research methods and strategies used in education and related fields, including how to read and critically evaluate published research and how to write a proposal, construct a questionnaire, and conduct an empirical research study on their own. The Seventh Edition maintains the features that made this book a best-seller, including attention-grabbing chapter-opening vignettes, lively examples that engage student interest, a conversational and friendly writing style, and more. With the support of this highly readable text, readers will transform into critical consumers and users of research. FREE DIGITAL TOOLS INCLUDED WITH THIS TEXT SAGE edge gives instructors and students the edge they need to succeed with an array of teaching and learning tools in one easy-to-navigate website. Learn more: edge.sagepub.com/rbjohnson7e

Research Report 157

Steam Generators for Nuclear Power Plants

Government-wide Index to Federal Research & Development Reports

Kirlian Camera Plans--RR 157

The Tesla Papers

Research Strategies

This book is based on the invited and contributed papers presented at the 2nd International Conference on Anticarcinogenesis and Radiation Protection held at the National Bureau of Standards, Gaithersburg, Maryland, USA, on March 8-12, 1987. The conference documented developments that have taken place in areas that were addressed during the first conference in 1982. A number of new topics, such as biological response modifiers, were included because of their emerging relevance to anticarcinogenesis and radiation protection. The organization of the material in this book does not follow the conference program; rather, we have attempted to provide a different sequence for didactic reasons. The aim of the conference, which is reflected in this book, was to promote further development of mechanistic approaches to cancer prevention and treatment based on recent progress in molecular biology and free radical chemistry. At the basis of carcinogenesis lie changes in the dynamics of growth and differentiation of specific cell subpopulations in the target tissue. 'These changes are brought about by selective toxicity and modulation of gene expression that are induced by xenobiotic carcinogens and affected by physiological and genetic factors. The book deals with oxidative stress and molecular damage caused by radiation and chemical pro-oxidants and their role in carcinogenesis, and it discusses mechanisms of deregulation of the expression of oncogenes and other genes involved in carcinogenic initiation and promotion.

Everyone does research. Some just do it better than others. In this chaotic world of information and misinformation, referred to as "information fog," university students, in particular, need to learn how to conduct research effectively. Good research is about a quest to discover more, about a burning desire to solve society's problems and make a better world. Ultimately, research is a way forward to a resolution of life's greatest difficulties. In this seventh edition of *Research Strategies: Finding Your Way through*

the Information Fog, author William Badke walks you step by step through the entire research process—from choosing a topic, to writing the final project, and everything in between. A seasoned researcher and educator, Badke offers tried-and-true tips, tricks, and strategies to help you identify a problem, acquire pertinent information, and use that information to address the problem. Employing a host of examples and humor, *Research Strategies: Finding Your Way through the Information Fog* shows how research can be exciting and fun.

This volume of *Advances in Intelligent Systems and Computing* contains papers presented in the main track of IITI 2016, the First International Conference on Intelligent Information Technologies for Industry held in May 16-21 in Sochi, Russia. The conference was jointly co-organized by Rostov State Transport University (Russia) and VŠB – Technical University of Ostrava (Czech Republic) with the participation of Russian Association for Artificial Intelligence (RAAI) and Russian Association for Fuzzy Systems and Soft Computing (RAFSSC). The volume is devoted to practical models and industrial applications related to intelligent information systems. The conference has been a meeting point for researchers and practitioners to enable the implementation of advanced information technologies into various industries. Nevertheless, some theoretical talks concerning the-state-of-the-art in intelligent systems and soft computing are included in the proceedings as well.

Proceedings of the First International Scientific Conference “Intelligent Information Technologies for Industry” (IITI’16)

Energy: a Continuing Bibliography with Indexes

Application to Sustainable Energy and Mobility

Its Principles and Application

Energy Research Abstracts

A Practical Guide for Engineers and Scientists

Engineers and scientists of all types are often required to write reports, summaries, manuals, guides, and so forth. While these individuals certainly have had some sort of English or writing course, it is less likely that they have had any instruction in the special requirements of technical writing. Filling this void, *Technical Writing: A Practical Guide for Engineers and Scientists* enables readers to write, edit, and publish

materials of a technical nature, including books, articles, reports, and electronic media. Written by a renowned engineer and widely published technical author, this guide complements the traditional writer's reference manuals and other books on technical writing. It helps readers understand the practical considerations in writing technical content. Drawing on his own work, the author presents many first-hand examples of writing, editing, and publishing technical materials. These examples illustrate how a publication originated as well as various challenges and solutions.

Issues in Energy Research and Application / 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Energy Research and Application. The editors have built Issues in Energy Research and Application: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Energy Research and Application in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Energy Research and Application: 2011 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

The mysterious Unipolar Dynamo, so simple that even the earth's core has one, so powerful that it forges metal alloy billets and launches a rail gun! This handbook has all the history, operating principles, practical construction details, and pictures of Faraday disk/unipolar/homopolar generators. Investigating the Paulsen UFO story and the DePalma claims of overunity, the author began an earnest scientific endeavour in 1980 to build and test a homopolar generators (HPG) for the elusive 'back torque' which had never been measured before in a one-piece HPG. This project helped to complete his Master's Degree in Physics at SUNY Buffalo. What does the torque push against when the magnet spins with the disk? How can the back torque or armature reaction be diminished or counteracted? These and other burning questions are answered in the only book of its kind on the subject of homopolar generators.

Linear Synchronous Machines

Quantitative, Qualitative, and Mixed Approaches

Educational Research

Monthly Catalog, United States Public Documents

Grades 6-12

The Plant Engineer

We live in a time when there is more knowledge available to us than ever before. Yet we struggle to make sense of it. When a research deadline looms and all you see is a confusing fog of data, you know you need help. In this sixth edition of Research Strategies, author William Badke helps you make sense of it all. He will show you how to navigate the information fog intelligently, and he will detail how to use it to your advantage to become a better researcher. Badke focuses on informational research and provides a host of tips and advices not only for conducting research, but also for everything from finding a topic to writing an outline to locating high quality, relevant resources to finishing the final draft. Study guides, practice exercises, and assignments at the end of

each chapter will help reinforce the lessons. As an experienced researcher who has led thousands of students to ramp up their research abilities, Badke uses humor to help you gain a better understanding of today's world of complex technological information. Research Strategies provides the skills and strategies to efficiently and effectively complete a research project from topic to final product.

Revised, expanded new edition of the weird science classic—a compilation of material on Anti-Gravity, Free Energy, Flying Saucer Propulsion, UFOs, Suppressed Technology, NASA Cover-ups and more. Includes: - Photos of Area 51 in Nevada - How to build a flying saucer - Arthur C. Clarke on anti-gravity - Crystals and their role in levitation - Secret government research and development - Nikola Tesla on how anti-gravity airships could draw power from the atmosphere - Bruce Cathie's Anti-Gravity Equation - NASA, the Moon and Anti-Gravity - The mysterious technology used by the ancient Hindus of the Rama Empire - The Rand Corporation's 1956 study on Gravity Control - T. Townsend Brown's electro-gravity experiments - How equations exist for electro-gravity and magneto-gravity - Schematics, photos and illustrations with patents, technical illustrations, photos, & cartoons

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

Research & Technology 1998

Research Strategies: Finding Your Way Through the Information Fog

Finding Your Way Through the Information Fog

Mechanical Engineering

Energy

A Continuing Bibliography with Indexes