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Computers in Education Journal 1996
The Chemical News and Journal of Industrial Science 1882
Electromagnetic Transients in Transformer and Rotating Machine Windings Su, Charles Q. 2012-07-31 "This book explores relevant theoretical frameworks, the latest empirical research findings, and industry-approved techniques in this field of electromagnetic

transient phenomena"--Provided by publisher. Electromechanical Motion Devices Paul Krause 2012-08-10 This text provides a basic treatment of modern electric machineanalysis that gives readers the necessary background forcomprehending the traditional applications and operatingcharacteristics of electric machines—as well as theiremerging applications in modern power systems and electric drives,such as those used in hybrid and electric vehicles. Through the appropriate use of reference frame theory,Electromagnetic Motion Devices, Second Edition introducesreaders to field-oriented control of induction machines,constant-torque, and constant-power control of dc, permanent-magnetac machines, and brushless dc machines. It also discussessteady-state and transient performance in addition to theirapplications. Electromagnetic Motion Devices, Second Editionpresents: The derivations of all machine models, starting with a commonfirst-principle approach (based upon Ohm's, Faraday's, Ampere's,and Newton's/Euler's laws) A generalized two-phase approach to reference frame theory thatcan be applied to the ac machines featured in the book The influences of the current and voltage constraints in thetorque-versus-speed profile of electric machines operated with anelectric drive Complete with slides, videos, animations, problems &solutions Thoroughly classroom tested and complete with a supplementarysolutions manual and video library, Electromagnetic MotionDevices, Second Edition is an invaluable book for anyoneinterested in modern machine theory and applications. If youwould like access to the solutions manual and video library, pleasesend an email to: ahref="mailto:ieeeproposals@wiley.com"ieeeproposals@wiley.com/a.

Scientific and Technical Books and Serials in Print 1989

Publishers' Trade List Annual 1995

Books in Print 1993
Books in Print Supplement 2002
Books in Series 1985-89 1989 Cited in BCL3 and Sheehy . Formerly Books in series in the United States . The editor's solicitude expressed in the preface Bowker...has consistently recognized those areas in which we can assist to make the work of librarians...easier. It is because of this concern that we decided to publish the 1
Databases David M. Kroenke 2017
Energy: a Continuing Bibliography with Indexes 1982
Transformer Ageing Tapan Kumar Saha 2017-06-01 A one-stop guide to transformer ageing, presenting industrially relevant state-of-the-art diagnostic techniques backed by extensive research data Offers a comprehensive coverage of transformer ageing topics including insulation materials, condition monitoring and diagnostic techniques Features chapters on smart transformer monitoring frameworks, transformer life estimation and biodegradable oil Highlights industrially relevant techniques adopted in electricity utilities, backed by extensive research
The Chemical News and Journal of Physical Science 1882
Books in Series, 1985-89 1989
Chemical News and Journal of Industrial Science 1882
Whitaker's Books in Print 1998
CIS Bibliography 1976
Electromechanical Motion Devices Paul Krause 2020-01-22 The updated third edition of the classic book that provides an introduction to electric machines and their emerging applications The thoroughly revised and updated third edition of Electromechanical Motion Devices contains an introduction to modern electromechanical devices and offers an understanding of the uses of electric machines in emerging applications such as in hybrid and electric vehicles. The authors—noted experts on

the topic—put the focus on modern electric drive applications. The book includes basic theory, illustrative examples, and contains helpful practice problems designed to enhance comprehension. The text offers information on Tesla's rotating magnetic field, which is the foundation of reference frame theory and explores in detail the reference frame theory. The authors also review permanent-magnet ac, synchronous, and induction machines. In each chapter, the material is arranged so that if steady-state operation is the main concern, the reference frame derivation can be de-emphasized and focus placed on the steady state equations that are similar in form for all machines. This important new edition: • Features an expanded section on Power Electronics • Covers Tesla's rotating magnetic field • Contains information on the emerging applications of electric machines, and especially, modern electric drive applications • Includes online animations and a solutions manual for instructors Written for electrical engineering students and engineers working in the utility or automotive industry, Electromechanical Motion Devices offers an invaluable book for students and professionals interested in modern machine theory and applications.

E-business en e-commerce Dave Chaffey 2011

Dynamic Simulation of Electric Machinery Chee-Mun Ong 1998 This book and its accompanying CD-ROM offer a complete treatment from background theory and models to implementation and verification techniques for simulations and linear analysis of frequently studied machine systems. Every chapter of Dynamic Simulation of Electric Machinery includes exercises and projects that can be explored using the accompanying software. A full chapter is devoted to the use of MATLAB and SIMULINK, and an appendix provides a convenient overview of key numerical methods used. Dynamic Simulation of Electric Machinery provides professional engineers and students

with a complete toolkit for modeling and analyzing power systems on their desktop computers.

Inleiding informatica J. Glenn Brookshear 2005

Het Tweede machinetijdperk Erik Brynjolfsson 2014-10-08 Internationale bestseller over de impact van technologie op ons leven: Google Glasses, zelfrijdende auto's, computers die het menselijk brein vervangen... De digitalisering heeft ons leven drastisch veranderd, en we staan nog maar aan het begin van deze revolutie. 'Vanaf nu wordt de verandering pas echt duizelingwekkend', aldus Erik Brynjolfsson en Andrew McAfee, beiden verbonden aan het prestigieuze MIT. 'En het is aanpassen of verliezen.' Miljoenen mensen dreigen hun baan te verliezen, precaire machtsevenwichten verschuiven en de sociale ongelijkheid groeit. Dit tweede tijdperk der machines kan echter ook zorgen voor meer welvaart. Maar dan moeten we nu de juiste keuzes maken.

International Maritime Engineering Conference 1985

Solutions Manual to Accompany Analysis of Electric Machinery Paul C. Krause 1986

American Machinist 1895

Whitaker's Cumulative Book List 1986

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Power Magnetic Devices Scott D. Sudhoff 2021-12-02 Power Magnetic Devices Discover a cutting-edge discussion of the design process for power magnetic devices In the newly revised second edition of Power Magnetic Devices: A Multi-Objective Design Approach, accomplished engineer and author Dr. Scott D. Sudhoff delivers a thorough exploration of the design principles of power magnetic devices such as inductors, transformers, and rotating electric machinery using a systematic and consistent framework. The book includes new chapters on

converter and inverter magnetic components (including three-phase and common-mode inductors) and elaborates on characteristics of power electronics that are required knowledge in magnetics. New chapters on parasitic capacitance and finite element analysis have also been incorporated into the new edition. The work further includes: A thorough introduction to evolutionary computing-based optimization and magnetic analysis techniques Discussions of force and torque production, electromagnet design, and rotating electric machine design Full chapters on high-frequency effects such as skin- and proximity-effect losses, core losses and their characterization, thermal analysis, and parasitic capacitance Treatments of dc-dc converter design, as well as three-phase and common-mode inductor design for inverters An extensive open-source MATLAB code base, PowerPoint slides, and a solutions manual Perfect for practicing power engineers and designers, Power Magnetic Devices will serve as an excellent textbook for advanced undergraduate and graduate courses in electromechanical and electromagnetic design.

Monthly Labor Review 1980-07 Publishes in-depth articles on labor subjects, current labor statistics, information about current labor contracts, and book reviews

Dynamica Russell Charles Hibbeler 2010 Boek bevat vraagstukken, analyseprocedures en diverse voorbeelden ter illustratie. Op de site staan animaties en videouitwerkingen met uitgebreide instructies.

Proceedings of EMPD 1998

Proceedings of the ... Intersociety Energy Conversion Engineering Conference 1997

Engineering Education 1983

The Publishers' Trade List Annual 1981

Energy Research Abstracts 1978

Index to IEEE Periodicals Institute of Electrical and Electronics Engineers 1971 Proceedings of the IEEE, IEEE Transactions, IEEE Journals, IEEE Spectrum.

Forthcoming Books Rose Arny 2002
Subject Guide to Books in Print 1990
Proceedings of the IEEE International Conference on Industrial Technology 1994
Analysis of Electric Machinery and Drive Systems Paul Krause 2013-05-22 Introducing a new edition of the popular reference on machine analysis Now in a fully revised and expanded edition, this widely used reference on machine analysis boasts many changes designed to address the varied needs of engineers in the electric machinery, electric drives, and electric power industries. The authors draw on their own extensive research efforts, bringing all topics up to date and outlining a variety of new approaches they have developed over the past decade. Focusing on reference frame theory that has been at the core of this work since the first edition, this volume goes a step further, introducing new material relevant to machine design along with numerous techniques for making the derivation of equations more direct and easy to use. Coverage includes: Completely new chapters on winding functions and machine design that add a significant dimension not found in any other text A new formulation of machine equations for improving analysis and modeling of machines coupled to power electronic circuits Simplified techniques throughout, from the derivation of torque equations and synchronous machine analysis to the analysis of unbalanced operation A unique generalized approach to machine parameters identification A first-rate resource for engineers wishing to master cutting-edge techniques for machine analysis, Analysis of Electric Machinery and Drive Systems is also a highly useful guide for students in the field.