

Superbolt Torque Chart

This book is written in a conversational style that minimizes technical jargon in favor of laymen’s terms. It presents a solid, comprehensive theoretical background of transformer operation, covering voltage correction taps, control transformers, and nonstandard transformer connections. It encourages critical thinking and the application of key concepts with review questions and exercises at the end of each chapter.

Integrated Gasification Combined Cycle (IGCC) Technologies discusses this innovative power generation technology that combines modern coal gasification technology with both gas turbine and steam turbine power generation, an important emerging technology which has the potential to significantly improve the efficiencies and emissions of coal power plants. The advantages of this technology over conventional pulverized coal power plants include fuel flexibility, greater efficiencies, and very low pollutant emissions. The book reviews the current status and future developments of key technologies involved in IGCC plants and how they can be integrated to maximize efficiency and reduce the cost of electricity generation in a carbon-constrained world. The first part of this book introduces the principles of IGCC systems and the fuel types for use in IGCC systems. The second part covers syngas production within IGCC systems. The third part looks at syngas cleaning, the separation of CO2 and hydrogen enrichment, with final sections describing the gas turbine combined cycle and presenting several case studies of existing IGCC plants. Provides an in-depth, multi-contributor overview of integrated gasification combined cycle technologies
Reviews the current status and future developments of key technologies involved in IGCC plants
Provides several case studies of existing IGCC plants around the world

Describes the rotordynamic considerations that are important to the successful design or troubleshooting of a turbomachine. Shows how bearing design, fluid seals, and rotor geometry affect rotordynamic behavior (vibration, shaft whirling, bearing loads, and critical speeds), and describes two successful computational methods for rotordynamic analysis in terms that can be understood by practicing engineers. Gives descriptive accounts of the state of the art in several areas of the field and presents important mathematical or computational concepts, describing equations and formulas in physical terms for better understanding. Also offers tips for troubleshooting unstable machines and provides practical interpretations of vibration measurements.

Magnets and Motors

Small and Micro Combined Heat and Power (CHP) Systems

Machinery’s Handbook

Student Activity Book

The Lockheed P-38 Lightning

Heat Recovery Steam Generator Technology

The best collection of gun reference available, this book is ideal for illustrators and 3-D digital artists. Hundreds of reference photos of the most post popular and visually interesting firearms photographed from 360 degrees and three different points of view, worms eye, eye level, and birds-eye view. This guide will enhance any artists work, providing an easy to use guide for creating realistic depictions of widely used firearms.

Contains the proceedings of the Association.

Bringing together decades of research findings into a single, coherent source, this practical guide discusses industrial, automotive, and chemical gasket types and materials from selection, installation, and testing to applications and problem-solving and prevention methods. The coverage includes, but is not limited to, the complex mechanical and l

The Morrow Project 4th Edition

Challenges, Interventions, and Preventive Measures

A Reference Book for the Mechanical Engineer, Designer, Manufacturing Engineer, Draftsman, Toolmaker, and Machinist

Weapons File

Web Reasoning and Rule Systems

Fastener Safety

Oh, what a night! How had Maxwell Taylor ended up naked...in a honeymoon suite...with Kelly O'Rourke at his side? The last thing the Boston blue blood remembered was catching the garter at a wedding and putting it on sweet Kelly's shapely leg. Then the memories hit him: He and this redheaded spitfire of a stranger had gotten hitched last night. And, if his dated body could be trusted, they'd just consummated their wedding! But before the midnight groom could absorb this monumental fact, his blushing bride had one more surprise. Kelly's military father and three brawny brothers were about to break down the door. And there would be no getting out of this situation unscathed, for in the O'Rourke family, marriage was forever..!

Handbook of Bolts and Bolted JointsCRC Press

An introduction to Mining Seismology describes comprehensively the modern methods and techniques used to monitor and study seismicity and rockbursts in mines. Key case histories from various worldwide mining districts clearly illustrate and skillfully emphasize the practical aspects of mining seismology. This text is intended as a handbook for geophysicists and mining and rock mechanics engineers working at mines. It will also serve as an essential reference tool for seismologists working at research institutions on local seismicity not necessarily induced by mining. Presents a comprehensive description of seismicity induced by mining worldwide Provides information on optimum network planning and seismic event location performance in deep mines Covers a broad array of topics including focal mechanism, moment tensor, and double-couple versus non-double-couple seismic events in mines Includes data on source parameters and scaling relations for seismic events in mines

Tromsø

Advanced Design, Performance, Materials and Applications

Swiss Passport Office Zine

Iron and Steel Engineer

Rotordynamics of Turbomachinery

ISO 18436-2 Certified Vibration Analyst Category I: Principles of Vibration

Business Logistics Management 4e covers concepts and theories relating to the movement of goods, the coordination of supply chain, the most recent advances in logistics technology, the exchange of information, and the impact on business within the logistics management framework.

This book constitutes the refereed proceedings of the 8th International Conference on Web Reasoning and Rule Systems, RR 2014, held in Athens, Greece in September 2014. The 9 full papers, 9 technical communications and 5 poster presentations presented together with 3 invited talks, 3 doctoral consortial papers were carefully reviewed and selected from 33 submissions. The conference covers a wide range of the following: semantic Web, rule and ontology languages, and reasoning incompleteness, inconsistency and uncertainty, non-monotonic, common sense, and closed-world reasoning for the web, dynamic information, stream reasoning and complex event processing, decision making, planning, and intelligent agents, machine learning, knowledge extraction and information retrieval, data management, data integration and reasoning on the web of data, ontology-based data access, system descriptions, applications and experiences.

Looks at the history, geography, and culture of Africa, assesses native, Arab, and Western influences, and discusses sports, religion, government, and social issues in Africa

Quality, Installation Techniques and Failure Prevention

Ocean and Coastwise

8th International Conference, RR 2014, Athens, Greece, September 15-17, 2014. Proceedings

An Autobiography

The Woes of Young Rennsler

Fundamentals of Diesel Engines

A workbook with 16 experiments working with magnets and motors.

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Water and Sanitation-Related Diseases and the Changing Environment

An Introduction to Mining Seismology

Transformers for the Electrician

The Africans

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A Triple Heritage

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