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Make workplace conflict resolution a game that EVERYBODY wins! Recent studies show that typical managers devote more than a quarter of their time to resolving coworker disputes. The Big Book of Conflict-Resolution Games offers a wealth of activities and exercises for groups of any size that let you manage your business (instead of managing personalities). Part of the acclaimed, bestselling Big Books series, this guide offers step-by-step directions and customizable tools that empower you to heal rifts arising from ineffective communication, cultural/personality clashes, and other specific problem areas—before they affect your organization's bottom line.

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Let The Big Book of Conflict-Resolution Games help you to: Build trust Foster morale Improve processes Overcome diversity issues And more Dozens of physical and verbal activities help create a safe environment for teams to explore several common forms of conflict—and their resolution.

Inexpensive, easy-to-implement, and proved effective at Fortune 500 corporations and mom-and-pop businesses alike, the exercises in The Big Book of Conflict-Resolution Games delivers everything you need to make your workplace more efficient, effective, and engaged.

The second edition of a comprehensive introduction to machine learning approaches used in predictive data analytics, covering both theory and practice. Machine learning is often used to build predictive models by extracting

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patterns from large datasets. These models are used in predictive data analytics applications including price prediction, risk assessment, predicting customer behavior, and document classification. This introductory textbook offers a detailed and focused treatment of the most important machine learning approaches used in predictive data analytics, covering both theoretical concepts and practical applications. Technical and mathematical material is augmented with explanatory worked examples, and case studies illustrate the application of these models in the broader business context. This second edition covers recent developments in machine learning, especially in a new chapter on deep learning, and two new chapters that go beyond predictive analytics to cover unsupervised learning and

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reinforcement learning.

Appropriate for one- or two-semester Advanced Engineering Mathematics courses in departments of Mathematics and Engineering. This clear, pedagogically rich book develops a strong understanding of the mathematical principles and practices that today's engineers and scientists need to know. Equally effective as either a textbook or reference manual, it approaches mathematical concepts from a practical-use perspective making physical applications more vivid and substantial. Its comprehensive instructional framework supports a conversational, down-to-earth narrative style offering easy accessibility and frequent opportunities for application and reinforcement.

Candidates for the Network+ certification can find all the help they

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need in this student workbook which provides a full set of lab exercises to accompany the "Network+ Study Guide, " and covers every objective defined by CompTIA for the exam.

Advanced Engineering Mathematics
Artificial Intelligence

Applied Statistics 3rd Edition Just Ask
Edition with Student Workbook Set
Algorithms, Worked Examples, and
Case Studies

Coherent Optical Fiber
Communications

Software Quality Assurance

This text succeeds in giving a practical introduction to the fundamentals, problems and techniques of the design and utilisation of optical fiber systems. This edition retains all core features, while incorporating recent

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improvements and developments in the field. Since the invention of the laser, our fascination with the photon has led to one of the most dynamic and rapidly growing fields of technology. New advances in fiber optic devices, components, and materials make it more important than ever to stay current. Comprising chapters drawn from the author's highly anticipated book *Photonics: Principles and Practices, Fiber Optics: Principles and Practices* offers a detailed and focused treatment for anyone in need of authoritative information on this critical area

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underlying photonics. Using a consistent approach, the author leads you step-by-step through each topic. Each skillfully crafted chapter first explores the theoretical concepts of each topic, and then demonstrates how these principles apply to real-world applications by guiding you through experimental cases illuminated with numerous illustrations. The book works systematically through fiber optic cables, advanced fiber optic cables, light attenuation in optical components, fiber optic cable types and installations, fiber optic connectors, passive fiber

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optic devices, wavelength division multiplexing, optical amplifiers, optical receivers, opto-mechanical switches, and optical fiber communications. It also includes important chapters in fiber optic lighting, fiber optics testing, and laboratory safety.

Containing several topics presented for the first time in book form, *Fiber Optics: Principles and Practices* is simply the most modern, detailed, and hands-on text in the field.

Noncooperative Game Theory is aimed at students interested in using game theory as a design methodology for solving

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problems in engineering and computer science. João Hespanha shows that such design challenges can be analyzed through game theoretical perspectives that help to pinpoint each problem's essence: Who are the players? What are their goals? Will the solution to "the game" solve the original design problem? Using the fundamentals of game theory, Hespanha explores these issues and more. The use of game theory in technology design is a recent development arising from the intrinsic limitations of classical optimization-based designs. In optimization, one

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attempts to find values for parameters that minimize suitably defined criteria—such as monetary cost, energy consumption, or heat generated. However, in most engineering applications, there is always some uncertainty as to how the selected parameters will affect the final objective. Through a sequential and easy-to-understand discussion, Hespanha examines how to make sure that the selection leads to acceptable performance, even in the presence of uncertainty—the unforgiving variable that can wreck engineering designs. Hespanha looks at

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such standard topics as zero-sum, non-zero-sum, and dynamics games and includes a MATLAB guide to coding. Noncooperative Game Theory offers students a fresh way of approaching engineering and computer science applications. An introduction to game theory applications for students of engineering and computer science Materials presented sequentially and in an easy-to-understand fashion Topics explore zero-sum, non-zero-sum, and dynamics games MATLAB commands are included Data Mining: Concepts and Techniques provides the concepts and techniques in processing gathered data or

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information, which will be used in various applications. Specifically, it explains data mining and the tools used in discovering knowledge from the collected data. This book is referred as the knowledge discovery from data (KDD). It focuses on the feasibility, usefulness, effectiveness, and scalability of techniques of large data sets. After describing data mining, this edition explains the methods of knowing, preprocessing, processing, and warehousing data. It then presents information about data warehouses, online analytical processing

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(OLAP), and data cube technology. Then, the methods involved in mining frequent patterns, associations, and correlations for large data sets are described. The book details the methods for data classification and introduces the concepts and methods for data clustering. The remaining chapters discuss the outlier detection and the trends, applications, and research frontiers in data mining. This book is intended for Computer Science students, application developers, business professionals, and researchers who seek information on data mining.

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Presents dozens of algorithms and implementation examples, all in pseudo-code and suitable for use in real-world, large-scale data mining projects

Addresses advanced topics such as mining object-relational databases, spatial databases, multimedia databases, time-series databases, text databases, the World Wide Web, and applications in several fields

Provides a comprehensive, practical look at the concepts and techniques you need to get the most out of your data

Student Study Guide and Solutions Manual to accompany Organic Chemistry

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2e Binder Ready Version
Supplement: Introduction to
Signal Processing & Computer
Based Exercise Signal
Processing Using MATLAB
Version 5 Pkg. - Introducti
1972: Title Index
Network+ Lab Manual
From Theory to
Implementation
The Big Book of Conflict
Resolution Games: Quick,
Effective Activities to
Improve Communication, Trust
and Collaboration
*Written in a concise, easy-
to understand manner,*
**INTRODUCTION TO
GEOTECHNICAL ENGINEERING,
2e, presents intensive
research and observation**

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in the field and lab that have improved the science of foundation design. Now providing both U.S. and SI units, this non-calculus-based text is designed for courses in civil engineering technology programs where soil mechanics and foundation engineering are combined into one course. It is also a useful reference tool for civil engineering practitioners. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook

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version.

This is the Student Study Guide and Solutions Manual to accompany Organic Chemistry, 3e. Organic Chemistry, 3rd Edition is not merely a compilation of principles, but rather, it is a disciplined method of thought and analysis. Success in organic chemistry requires mastery in two core aspects: fundamental concepts and the skills needed to apply those concepts and solve problems. Readers must learn to become proficient at approaching new situations methodically,

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based on a repertoire of skills. These skills are vital for successful problem solving in organic chemistry. Existing textbooks provide extensive coverage of, the principles, but there is far less emphasis on the skills needed to actually solve problems.

A comprehensive and detailed treatment of classical and contemporary numerical methods for undergraduate students of engineering. The text emphasizes how to apply the methods to solve practical engineering

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problems covering over 300 projects drawn from civil, mechanical and electrical engineering.

Master introductory mechanics with ANALYTICAL MECHANICS! Direct and practical, this physics text is designed to help you grasp the challenging concepts of physics. Specific cases are included to help you master theoretical material. Numerous worked examples found throughout increase your problem-solving skills and prepare you to succeed on tests. Discrete Mathematics and

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Its Applications

Fit for Growth

Fundamentals of Quality

Control and Improvement 2e

Fiber Optic Communications

A Manual for Scientists

Fiber Optics

CD-ROM contains: a software package for designing fiber-optic communication systems called "OptiSystem Lite" and a set of problems for each chapter.

Sugar chains (glycans) are often attached to proteins and lipids and have multiple roles in the organization and function

**of all organisms.
"Essentials of
Glycobiology" describes
their biogenesis and
function and offers a
useful gateway to the
understanding of glycans.
This book covers the
foundations of modern
methods of quality
control and improvement
that are used in the
manufacturing and
service industries. Quality
is key to surviving tough
competition.
Consequently, business
needs technically
competent people who**

are well-versed in statistical quality control and improvement. This book should serve the needs of students in business and management and students in engineering, technology, and other related disciplines. Professionals will find this book to be a valuable reference in the field. Organic chemistry is not merely a compilation of principles, but rather, it is a disciplined method of thought and analysis. Success in organic

chemistry requires mastery in two core aspects: fundamental concepts and the skills needed to apply those concepts and solve problems. Readers must learn to become proficient at approaching new situations methodically, based on a repertoire of skills. These skills are vital for successful problem solving in organic chemistry. Existing textbooks provide extensive coverage of, the principles, but there is far

**less emphasis on the
skills needed to actually
solve problems.**

**An Introduction to Fiber
Optic Systems**

**An Action Agenda for the
21st Century**

**Translating the Basic
Concepts**

**Introduction to Fiber
Optics**

**Fundamentals of Machine
Learning for Predictive
Data Analytics, second
edition**

Mechanics of Fluids

*Measuring metabolic rates is central
to important questions in many areas
of scientific research. Unfortunately*

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these measurements are anything but straightforward, and numerous pitfalls await the novice and even the experienced investigator. Measuring Metabolic Rates de-mystifies the field, explaining every common variation of metabolic rate measurement, from century-old manometric methods through ingenious syringe-based techniques, direct calorimetry, aquatic respirometry, stable-isotope metabolic measurement and every type of flow-through respirometry. Each variation is described in enough detail to allow it to be applied in practice. Background information on different analyzer and equipment types allows users to choose the best instruments

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for their application. Respirometry equations - normally a topic of terror and confusion to researchers - are derived and described in enough detail to make their selection and use effortless. Vital topics such as manual and automated baselining, implementing multi-animal systems, and the correct analysis and presentation of metabolic data are covered in enough detail to turn a respirometry neophyte into a hardened metabolic warrior, ready to take on the task of publication in peer-reviewed journals.

A precise, relevant, comprehensive approach to mathematical concepts...

Get a Better Grade in Organic

Chemistry Organic Chemistry may be

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challenging, but that doesn't mean you can't get the grade you want. With David Klein's Organic Chemistry as a Second Language: Translating the Basic Concepts, you'll be able to better understand fundamental principles, solve problems, and focus on what you need to know to succeed. Here's how you can get a better grade in Organic Chemistry: Understand the Big Picture. Organic Chemistry as a Second Language points out the major principles in Organic Chemistry and explains why they are relevant to the rest of the course. By putting these principles together, you'll have a coherent framework that will help you better understand your textbook.

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Study More Efficiently and Effectively Organic Chemistry as a Second Language provides time-saving study tips and a clear roadmap for your studies that will help you to focus your efforts. Improve Your Problem-Solving Skills Organic Chemistry as a Second Language will help you develop the skills you need to solve a variety of problem types-even unfamiliar ones! Need Help in Your Second Semester? Get Klein's Organic Chemistry II as a Second Language! 978-0-471-73808-5

The third edition of this popular text and reference book presents the fundamental principles for understanding and applying optical fiber technology to sophisticated

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modern telecommunication systems. Optical-fiber-based telecommunication networks have become a major information-transmission-system, with high capacity links encircling the globe in both terrestrial and undersea installations. Numerous passive and active optical devices within these links perform complex transmission and networking functions in the optical domain, such as signal amplification, restoration, routing, and switching. Along with the need to understand the functions of these devices comes the necessity to measure both component and network performance, and to model and stimulate the complex behavior of

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reliable high-capacity networks.

A Guide to Strategic Cost Cutting,

Restructuring, and Renewal

Numerical Methods in Engineering

Practice

Measuring Metabolic Rates

Pearson New International Edition

An Introduction for Engineers and

Computer Scientists

Organic Chemistry, Loose-Leaf Print

Companion

Success in organic chemistry requires mastery in two core aspects: fundamental concepts and the skills needed to apply those concepts and solve problems. With Organic Chemistry, Student Solution Manual and Study Guide, 4th

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Edition, students can learn to become proficient at approaching new situations methodically, based on a repertoire of skills. These skills are vital for successful problem solving in organic chemistry. Like its predecessors, this edition presents the basic principles of the mechanics of fluids in a thorough and clear manner. It provides the essential material for an honours degree course in civil or mechanical engineering, in addition to providing material for undergraduates studying aeronautics.

This Is The Second Edition Of

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This Highly Successful Book, Giving An Introduction To The Fundamentals, Problems And Techniques Of Design And Utilisation Of Optical Fibre Systems. All The Chapters Have Been Updated And Many Have Been Extended With Extra Sections Including The Most Recent Developments. In Addition, Three New Chapters Have Been Incorporated Offering many worked examples and end of chapter problems, this new edition is a comprehensive introduction to optical fiber communications and single mode fiber properties and types. It features

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coverage of optical fiber couples and wavelength division multiplexing devices, optical amplifiers, active integrated optic devices, and coherent transmission. For electrical and electronic engineers.

Noncooperative Game Theory
A Modern Approach

Nature-Based Solutions and
Water Security

Fiber-optic Communication
Systems

Organic Chemistry I as a Second
Language

This edition of the text offers a pragmatic approach to the study of fibre optics in communication. The text

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integrates diverse elements of fibre optics and provides a picture of how they are used in fibre optics communication, by introducing the terminology used and describing the building blocks of an optical fibre system. The text permits the reader to process initial design of optical links and to understand the tradeoffs made in designing and using a fibre optic communication line. This edition expands discussion of non-linearity, includes coverage of the latest developments in the field including new material on solitons, dispersion compensation techniques and

fibre gratings, and also covers ATM, broadening the network applications covered to include banking together with computers and telecommunications.

Nature-Based Solutions and Water Security: An Action Agenda for the 21st Century presents an action agenda for natural infrastructure on topics of standards and principles, technical evaluation and design tools, capacity building and innovative finance. Chapters introduce the topic and concepts of natural infrastructure, or nature-based solutions (NBS) and water security, with

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important background on the urgency of the global water crisis and the role that NBS can, and should play, in addressing this crisis. Sections also present the community of practice's collective thinking on a prioritized action agenda to guide more rapid progress in mainstreaming NBS. With contributions from global authors, including key individuals and organizations active in developing NBS solutions, users will also find important conclusions and recommendations, thus presenting a collaboratively developed, consensus roadmap to scaling NBS.

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Covers all issues of water security and natural infrastructures Presents a comprehensive state of synthesis, providing readers with a solid grounding in the field of natural infrastructures and water security Includes a fully workable and intuitive roadmap for action that is presented as a guide to the most important actions for practitioners, research questions for academics, and information on promising careers for students entering the field

Introduction to Fiber Optics is well established as an introductory text for

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engineers, managers and students. It meets the needs of systems designers, installation engineers, electronic engineers and anyone else looking to gain a working knowledge of fiber optics with a minimum of maths. Review questions are included in the text to enable the reader to check their understanding as they work through the book. The new edition of this successful book is now fully up to date with the new standards, latest technological developments and includes a new chapter on specifying optical components. Whether you are looking for a

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complete self-study course in fiber optics, a concise reference text to dip into, or a readable introduction to this fast moving technology, this book has the solution. * A practical, no-nonsense guide to fiber optics * Up-to-date coverage that minimises mathematics * New material on specifying optical components

Artificial Intelligence: A Modern Approach offers the most comprehensive, up-to-date introduction to the theory and practice of artificial intelligence. Number one in its field, this textbook is ideal for one or two-semester,

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undergraduate or graduate-level courses in Artificial Intelligence.

Principles and Practice

Principles and Practices

Data Mining: Concepts and Techniques

Student Study Guide and

Solutions Manual to

accompany Organic Chemistry, 3e

Organic Chemistry, Student Solution Manual and Study Guide

Essentials of Glycobiology

Your SOURCE for supply chain management fundamentals Optimize your understanding of the essential supply chain management practices used by the best firms to gain

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competitive advantage. Written in an easy-to-follow style, Supply Chain Management DeMYSTiFieD is filled with best practices and proven techniques for success. This practical guide covers supply chain collaboration, planning, strategic sourcing, manufacturing, production, logistics, risk management, and performance metrics. Corporate social responsibility is also addressed. Detailed examples and concise explanations make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce key concepts. It's a no-brainer! You'll learn about:

Creating a customer-focused

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*strategy Buyer-supplier negotiations
New product development Just in
time (JIT), Lean manufacturing, and
Six Sigma Transportation Global
supply chains Simple enough for a
beginner, but challenging enough
for an advanced student, Supply
Chain Management DeMYSTiFieD
helps you master this essential
business and quality management
topic.*

Optical Fiber

*Communications Principles and
Practice Pearson Education*

*Organic Chemistry, 3rd Edition
offers success in organic chemistry
requires mastery in two core
aspects: fundamental concepts and
the skills needed to apply those*

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concepts and solve problems. Students must learn to become proficient at approaching new situations methodically, based on a repertoire of skills. These skills are vital for successful problem solving in organic chemistry. Existing textbooks provide extensive coverage of the principles but there is far less emphasis on the skills needed to actually solve problems. This book comprehensively covers the ISO 9000-3 requirements. IT also provides a substantial portion of the body of knowledge required for the CSQE (Certified Software Quality Engineer) as outlined by the ASQ (American Quality Engineer) as outlined by the ASQ (American

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Society for Quality).

Optical Fiber Communications

Supply Chain Management

Demystified

*Catalog of Copyright Entries. Third
Series*

*Introduction to Geotechnical
Engineering*

*An Introduction to Management
Science*

*Optical Fiber Communication
Principles And Practice 2ed*

A practical approach to business transformation Fit for Growth* is a unique approach to business transformation that explicitly connects growth strategy with cost management and organization restructuring. Drawing on 70-plus

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years of strategy consulting experience and in-depth research, the experts at PwC ' s Strategy& lay out a winning framework that helps CEOs and senior executives transform their organizations for sustainable, profitable growth. This approach gives structure to strategy while promoting lasting change. Examples from Strategy& ' s hundreds of clients illustrate successful transformation on the ground, and illuminate how senior and middle managers are able to take ownership and even thrive during difficult periods of transition. Throughout the Fit for Growth process, the focus is on maintaining consistent high-value performance while enabling fundamental

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change. Strategy& has helped major clients around the globe achieve significant and sustained results with its research-backed approach to restructuring and cost reduction. This book provides practical guidance for leveraging that expertise to make the choices that allow companies to:

- Achieve growth while reducing costs
- Manage transformation and transition productively
- Create lasting competitive advantage
- Deliver reliable, high-value performance

Sustainable success is founded on efficiency and high performance. Companies are always looking to do more with less, but their efforts often work against them in the long run. Total

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business transformation requires total buy-in, and it entails a series of decisions that must not be made lightly. The Fit for Growth approach provides a clear strategy and practical framework for growth-oriented change, with expert guidance on getting it right. *Fit for Growth is a registered service mark of PwC Strategy& Inc. in the United States

Analytical Mechanics

College Physics

Fiber Optics Yellow Pages

Solutions Manual