

Solution Of Chapter 1 12 Engineering Dynamics

NCERT Solutions for Class 7th Mathematics Chapter 1 IntegersBright Tutee

This book provides useful reference material for those concerned with the use of Fourier analysis and computational fluid dynamics.

101 Advisor Solutions: A Financial Advisor's Guide to Strategies that Educate, Motivate and Inspire is a must read for any financial advisor looking for tools, techniques, strategies and real world solutions to conquering common challenges! This book is designed to help you build a better business...one solution at a time.

*The definitive guide to architecting reliable, effective composite applications and services with TIBCO products and technologies * *Pragmatic, proven, comprehensive coverage: concepts, products, technologies, service design, service architecture patterns, federation, and much more *The official guide for TIBCO's new two-day education course covering these topics.*

**By Dr. Paul C. Brown, TIBCO's Principal Software Architect: the follow-up to his TIBCO Architecture Fundamentals. Today's complex composite applications and services must be architected with exceptional care. TIBCO Principal Software Architect Dr. Paul C. Brown shows how to use TIBCO technologies to architect them for maximum performance, reliability, and value. Brown covers all major aspects of architecture: participant structure and organization; work structure and organization; and mapping of work onto participants. He first describes essential concepts associated with composite application and services,*

including service utilization contracts, component lifecycles, naming/namespaces, and versioning. Next, he reviews relevant TIBCO products and technologies. This book's full section on service design addresses specification, architecture, data modeling, data structure design, and designing for versioning. Brown identifies proven service architecture patterns for several key issues. An extensive discussion of composite applications covers composition styles and architecture; collaboration; orchestration; security; performance; high availability; fault tolerance, and monitoring. Brown concludes by presenting three sample advanced composite application architectures.

Student Solutions Manual for For All Practical Purposes

For Organic Chemistry, Fourth Edition

Frequent Frauds Found in Governments and Not-for-Profits

JEE Main 2020 Chapter Wise Numerical Response Questions with Solution for Maths By Career Point Kota

Elementary Probability

More than 80% of all data that is collected by organizations is not in a standard relational database. Instead, it is trapped in unstructured documents, social media posts, machine logs, and so on. Many organizations face significant challenges to manage this deluge of unstructured data, such as the following examples: Pinpointing and activating relevant data for large-scale analytics Lacking the fine-grained

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visibility that is needed to map data to business priorities Removing redundant, obsolete, and trivial (ROT) data Identifying and classifying sensitive data IBM® Spectrum Discover is a modern metadata management software that provides data insight for petabyte-scale file and Object Storage, storage on-premises, and in the cloud. This software enables organizations to make better business decisions and gain and maintain a competitive advantage. IBM Spectrum® Discover provides a rich metadata layer that enables storage administrators, data stewards, and data scientists to efficiently manage, classify, and gain insights from massive amounts of unstructured data. It improves storage economics, helps mitigate risk, and accelerates large-scale analytics to create competitive advantage and speed critical research. This IBM Redbooks® publication presents several use cases that are focused on artificial intelligence (AI) solutions with IBM Spectrum Discover. This book helps storage administrators and technical specialists plan and implement AI solutions by using IBM Spectrum Discover and several other IBM Storage products. A comprehensive book on DWDM network design and implementation solutions Design Software Included Study various optical communication principles as well as communication methodologies in an optical fiber

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Design and evaluate optical components in a DWDM network Learn about the effects of noise in signal propagation, especially from OSNR and BER perspectives Design optical amplifier-based links Learn how to design optical links based on power budget Design optical links based on OSNR Design a real DWDM network with impairment due to OSNR, dispersion, and gain tilt Classify and design DWDM networks based on size and performance Understand and design nodal architectures for different classification of DWDM networks Comprehend different protocols for transport of data over the DWDM layer Learn how to test and measure different parameters in DWDM networks and optical systems The demand for Internet bandwidth grows as new applications, new technologies, and increased reliance on the Internet continue to rise. Dense wavelength division multiplexing (DWDM) is one technology that allows networks to gain significant amounts of bandwidth to handle this growing need. DWDM Network Designs and Engineering Solutions shows you how to take advantage of the new technology to satisfy your network's bandwidth needs. It begins by providing an understanding of DWDM technology and then goes on to teach the design, implementation, and maintenance of DWDM in a network. You will gain an understanding of how to analyze

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designs prior to installation to measure the impact that the technology will have on your bandwidth and network efficiency. This book bridges the gap between physical layer and network layer technologies and helps create solutions that build higher capacity and more resilient networks.

Companion CD-ROM The companion CD-ROM contains a complimentary 30-day demo from VPIphotonics™ for VPItransmissionMaker™, the leading design and simulation tool for photonic components, subsystems, and DWDM transmission systems. VPItransmissionMaker contains 200 standard demos, including demos from Chapter 10, that show how to simulate and characterize devices, amplifiers, and systems.

This guide offers step-by-step solutions for all odd-numbered text exercises, Chapter and Cumulative Tests, and Practice Tests with solutions. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. This streamlined review gets you solving problems quickly to measure your readiness for the PE exam. The text provides detailed solutions to problems with pointers to references for further study if needed, as well as brief coverage of the concepts and applications covered on the exam. For busy professionals, Electrical Engineering: A Referenced Review is an

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ideal concise review. Book jacket.

Algebra Through Practice: Volume 3, Groups, Rings and Fields

The Worker and His Bible

101 Advisor Solutions: A Financial Advisor's Guide to Strategies that Educate, Motivate and Inspire!

BizTalk 2013 Recipes

Pro Freeware and Open Source Solutions for Business is a practical guide for the small business owner seeking viable alternative to expensive commercial software packages and subscriptions. This comprehensive look at the powerful alternatives to expensive proprietary software provides an illustrated overview of no-cost software solutions. In this book you will find free and open source solutions for office productivity, PDF creation, accounting, image editing and graphic design, desktop publishing, 3D design, CAD, audio and video editing, website and blog creation, customer relationship management, point of sale, networking and security, and alternatives to the Windows and Macintosh operating systems. This guide helps free the cost-conscious business owner from the bonds of expensive proprietary software by exploring the free and powerful alternatives that exist. You can save a substantial sums of money by replacing just a few commercial software titles with free and open source solutions. Learn how with Pro Freeware and Open Source Solutions for

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Business today.

The Model Rules of Professional Conduct provides an up-to-date resource for information on legal ethics. Federal, state and local courts in all jurisdictions look to the Rules for guidance in solving lawyer malpractice cases, disciplinary actions, disqualification issues, sanctions questions and much more. In this volume, black-letter Rules of Professional Conduct are followed by numbered Comments that explain each Rule's purpose and provide suggestions for its practical application. The Rules will help you identify proper conduct in a variety of given situations, review those instances where discretionary action is possible, and define the nature of the relationship between you and your clients, colleagues and the courts.

The chapter-wise NCERT solutions prove very beneficial in understanding a chapter and also in scoring marks in internal and final exams. Our teachers have explained every exercise and every question of chapters in detail and easy to understand language. You can get access to these solutions in Ebook. Download chapter-wise NCERT Solutions now! These NCERT solutions are comprehensive which helps you greatly in your homework and exam preparations. so you need not purchase any guide book or any other study material. Now, you can study better with our NCERT chapter-wise solutions of English Literature. You just have to download these solutions. The CBSE () NCERT() solutions for Class 7th Mathematics prepared by Bright Tutee team helps you prepare the chapter from

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the examination point of view. The topics covered in the chapter include free fall, mass and weight, and thrust and pressure. All you have to do is download the solutions from our website. NCERT Solutions for Class 7th Mathematics This valuable resource is a must-have for CBSE class 7th students and is available. Some of the added benefits of this resource are:- - Better understanding of the chapter - Access to all the answers of the chapter - Refer the answers for a better exam preparation - You are able to finish your homework faster The CBSE NCERT solutions are constantly reviewed by our panel of experts so that you always get the most updated solutions. Start your learning journey by downloading the chapter-wise solution. At Bright Tutee, we make learning engrossing by providing you video lessons. In these lessons, our teachers use day to day examples to teach you the concepts. They make learning easy and fun. Apart from video lessons, we also give you MCQs, assignments and an exam preparation kit. All these resources help you get at least 30-40 percent more marks in your exams.

Whenever a student decides to prepare for any examination, her/his first and foremost curiosity is about the type of questions that he/she has to face. We feel great pleasure to present this book before you. We have made an attempt to provide Chapter wise Numerical Response Questions for JEE Main as per NTA latest pattern with answer and solutions to majority of questions. Solutions to the questions are not just sketch rather have been written in such a manner that the students will be able

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to understand the application of concept and can answer some other related questions too. We firmly believe that the book in this form will definitely help a genuine, hardworking student. We have tried our best to keep errors out of this book. Comment and criticism from readers will be highly appreciated and incorporated in the subsequent edition. We wish to utilize the opportunity to place on record our special thanks to all team members of Content Development for their efforts to make this wonderful book. Best Wishes Career Point

Exam Ref 70-532 Developing Microsoft Azure Solutions

Student Study and Solutions Manual for Larson's Algebra & Trigonometry, 9th

Introduction to Fortran

Student Solutions Manual for Aufmann/Lockwood's Basic College Math: An Applied Approach, 10th

A Referenced Review

BizTalk 2013 Recipes provides ready-made solutions to BizTalk Server 2013 developers. The recipes in the book save you the effort of developing your own solutions to common problems that have been solved many times over. The solutions demonstrate sound practice, the result of hard-earned wisdom by those who have gone before. Presented in a step-by-step format with clear code examples and explanations, the solutions in BizTalk 2013

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Recipes help you take advantage of new features and deeper capabilities in BizTalk Server 2013. You'll learn to integrate your solutions with the cloud, configure BizTalk on Azure, work with electronic data interchange (EDI), and deploy the growing range of adapters for integrating with the different systems and technologies that you will encounter. You'll find recipes covering all the core areas: schemas, maps, orchestrations, messaging and more. BizTalk Server 2013 is Microsoft's market-leading platform for orchestrating process flow across disparate applications. BizTalk 2013 Recipes is your key to unlocking the full power of that platform. What you'll learn Automate business processes across different systems in your enterprise. Build, test, and deploy complex maps and schemas. Implement the business rules engine (BRE). Develop business activity monitoring (BAM) solutions. Manage electronic data interchange (EDI) with trading partners. Monitor and troubleshoot automated processes. Deploy BizTalk to Azure and build cloud based solutions. Who this book is for BizTalk 2013 Recipes is aimed at developers working in Microsoft BizTalk Server 2013. Experienced BizTalk developers will find great value in the information

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around new functionality in the 2013 release such as that for cloud based integrations. Those brand new to BizTalk will appreciate the clear examples of core functionality that help them understand how best to design and deploy BizTalk Server solutions. Table of Contents What's New in BizTalk Server 2013 Document Schemas Document Mapping Messaging and Pipelines Orchestrations Adapters Business Rules Framework EDI Solutions Cloud Solutions Deployment Administration and Operations Business Activity Monitoring

Accessible to students and flexible for instructors, COLLEGE ALGEBRA, EIGHTH EDITION, incorporates the dynamic link between concepts and applications to bring mathematics to life. By integrating interactive learning techniques, the Aufmann author team helps students to better understand concepts, work independently, and obtain greater mathematical fluency. The Eighth Edition also includes technology features to accommodate courses that allow the option of using graphing calculators. Additional program components that support student success include tutorial practice, online homework, Live Online Tutoring, and Instructional DVDs. The authors' proven Aufmann

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Interactive Method allows students to try a skill as it is presented in example form. This interaction between the examples and Try Exercises serves as a checkpoint to students as they read the textbook, do their homework, or study a section. In the Eighth Edition, Review Notes are featured more prominently throughout the text to help students recognize the key prerequisite skills needed to understand new concepts. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Revised and edited, Linear Algebra with Applications, Seventh Edition is designed for the introductory course in linear algebra and is organized into 3 natural parts. Part 1 introduces the basics, presenting systems of linear equations, vectors and subspaces of \mathbb{R}^n , matrices, linear transformations, determinants, and eigenvectors. Part 2 builds on this material, introducing the concept of general vector spaces, discussing properties of bases, developing the rank/nullity theorem and introducing spaces of matrices and functions. Part 3 completes the course with many of the important ideas and methods of numerical linear algebra, such as ill-conditioning, pivoting, and LU

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decomposition. Offering 28 core sections, the Seventh Edition successfully blends theory, important numerical techniques, and interesting applications making it ideal for engineers, scientists, and a variety of other majors.

This book provides a concise treatment of the theory of nonlinear evolutionary partial differential equations. It provides a rigorous analysis of non-Newtonian fluids, and outlines its results for applications in physics, biology, and mechanical engineering

Advanced Engineering Mathematics

Study Guide and Solutions Manual

Advances in Electric Power and Energy

NCERT Solutions for Class 7th Mathematics Chapter 1 Integers

Linear Algebra with Applications

Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Recognizing fraudulent or deceptive practices is not always easy. What common frauds occur in governments and not-for-profits and how can they be avoided?

Illustrating common frauds that make headlines and damage the reputations of government and not-for-profit entities, this title allows accountants to sharpen their forensic skills and uncover and avoid fraudulent activities. It provides an

informative case study approach to real world situations. This title will show accountants how to do the following: Determine how interim fraudulent reporting may affect planned reliance on internal controls and any related audit procedures. Identify how personnel policies and procedures can be circumvented and lead to possible fraud or abuse. Apply potential ways to follow up on noted indications of fraud, abuse, and weaknesses in internal control. Determine how management override of internal controls can lead to possible fraud. Analyze how bribes and kickbacks may occur. Identify how donated assets and capital assets in general might be misappropriated.

The Code of Federal Regulations is the codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the Federal Government.

A guide to the role of static state estimation in the mitigation of potential system failures With contributions from a noted panel of experts on the topic, Advances in Electric Power and Energy: Static State Estimation addresses the wide-range of issues concerning static state estimation as a main energy control function and major tool for evaluating prevailing operating conditions in electric power systems worldwide. This book is an essential guide for system operators who must be fully aware of potential threats to the integrity of their own and neighboring systems. The contributors provide an overview of the topic and review common threats such as cascading black-outs to model-based anomaly detection to the operation of micro-grids and much more. The book also includes a discussion of an effective

mathematical programming approach to state estimation in power systems. Advances in Electric Power and Energy reviews the most recent developments in the field and: Offers an introduction to the topic to help non-experts (and professionals) get up-to-date on static state estimation Covers the essential information needed to understand power system state estimation written by experts on the subject Discusses a mathematical programming approach Written for electric power system planners, operators, consultants, power system software developers, and academics, Advances in Electric Power and Energy is the authoritative guide to the topic with contributions from experts who review the most recent developments.

Chemical Principles

Third Generation Distributed Computing Environments

College Algebra

Weak and Measure-Valued Solutions to Evolutionary PDEs

New Pattern NTA JEE Main Quick Guide in Chemistry with Numeric Answer Questions 3rd Edition

This book presents a simplified deliberation of fractional calculus, which will appeal not only to beginners, but also to various applied science mathematicians and engineering researchers. The text develops the ideas behind this new field of mathematics, beginning at the most elementary level, before discussing its actual applications in different areas of science and

engineering. This book shows that the simple, classical laws based on Newtonian calculus, which work quite well under limiting and idealized conditions, are not of much use in describing the dynamics of actual systems. As such, the application of non-Newtonian, or generalized, calculus in the governing equations, allows the order of differentiation and integration to take on non-integer values.

This fully updated Seventh Edition of CHEMICAL PRINCIPLES provides a unique organization and a rigorous but understandable introduction to chemistry that emphasizes conceptual understanding and the importance of models. Known for helping students develop a qualitative, conceptual foundation that gets them thinking like chemists, this market-leading text is designed for students with solid mathematical preparation. The Seventh Edition features a new section on Learning to Solve Problems that discusses how to solve problems in a flexible, creative way based on understanding the fundamental ideas of chemistry and asking and answering key questions. The book is also enhanced by new visual problems, new student learning aids, new Chemical Insights boxes, and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Contains complete solutions to odd-numbered problems in text.

Umar provides a collection of powerful services to support the e-business andm-

business initiatives of today and tomorrow. (Computer Books)

The Code of Federal Regulations of the United States of America

Algebra Through Practice: Volume 5, Groups

Student Solutions Manual for Aufmann/Lockwood's Intermediate Algebra: An Applied Approach

Student Solutions Manual for Gustafson/Hughes' College Algebra, 11th

Model Rules of Professional Conduct

Are you looking for a review and update of common GAAP issues important to all CPAs? This broad-ranging book covers FASB accounting and reporting developments that apply to all companies. Emphasizing financial statement disclosures in addition to accounting methods, it presents implementation guidelines and disclosure illustrations from actual financial statements. This book will prepare you to: Identify and apply select FASB accounting and reporting guidance. Recall concepts related to FASB projects. Recall key points related to disclosures.

Problem-solving is an art central to understanding and ability in mathematics. With this series of books, the

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authors have provided a selection of worked examples, problems with complete solutions and test papers designed to be used with or instead of standard textbooks on algebra. For the convenience of the reader, a key explaining how the present books may be used in conjunction with some of the major textbooks is included. Each volume is divided into sections that begin with some notes on notation and prerequisites. The majority of the material is aimed at the students of average ability but some sections contain more challenging problems. By working through the books, the student will gain a deeper understanding of the fundamental concepts involved, and practice in the formulation, and so solution, of other problems. Books later in the series cover material at a more advanced level than the earlier titles, although each is, within its own limits, self-contained. The numerical analysis of stochastic differential equations (SDEs) differs significantly from that of ordinary differential equations. This book provides an easily accessible introduction to SDEs, their applications and the

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numerical methods to solve such equations. From the reviews: "The authors draw upon their own research and experiences in obviously many disciplines... considerable time has obviously been spent writing this in the simplest language possible." --ZAMP

Now with a full-color design, the new Fourth Edition of Zill's Advanced Engineering Mathematics provides an in-depth overview of the many mathematical topics necessary for students planning a career in engineering or the sciences. A key strength of this text is Zill's emphasis on differential equations as mathematical models, discussing the constructs and pitfalls of each. The Fourth Edition is comprehensive, yet flexible, to meet the unique needs of various course offerings ranging from ordinary differential equations to vector calculus. Numerous new projects contributed by esteemed mathematicians have been added. New modern applications and engaging projects makes Zill's classic text a must-have text and resource for Engineering Math students!

A Collection of Problems in Algebra with Solutions

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Pro Freeware and Open Source Solutions for Business
Building IBM Enterprise Content Management Solutions From
End to End

Common U.S. GAAP Issues Facing CPAS

Making Data Smarter with IBM Spectrum Discover: Practical AI
Solutions

IBM® Enterprise Content Management (ECM) solutions provide efficient and effective ways to capture content, manage the content and business processes, discover insights from the content, and derive actions to improve business processes, products, and services. This IBM Redbooks® publication introduces and highlights some of the IBM ECM products that can be implemented and integrated together to create end-to-end ECM solutions: IBM Case Manager IBM Datacap IBM Content Manager OnDemand IBM Enterprise Records IBM Watson™ Content Analytics IBM Content Classification For each product involved in the ECM solution, this IBM Redbooks publication briefly describes what it is, its functions and capabilities, and provides step-by-step procedures for installing, configuring, and implementing it. In addition, we provide procedures for integrating these products together to create an end-to-end ECM solution to achieve the overall solution objectives. Not all of the products are required to be integrated into an ECM solution. Depending on your business requirements, you can choose a subset of these products to be built into your ECM solutions. This book serves as a hands-on learning guide for information technology (IT) specialists who plan to build ECM solutions from end-to-end, for a proof of concept (PoC) environment, or for a proof of technology

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environment. For implementing a production-strength ECM solution, also refer to IBM Knowledge Center, IBM Redbooks publications, and IBM Software Services.

As NTA introduces Numeric Answer Questions in JEE Main, Disha launches the Questions' the 3rd latest updated edition of 'New Pattern NTA JEE Main Quick Guide in Chemistry with Numeric Answer Questions'. This study material is developed for quick revision and practice of the complete syllabus of the JEE Main Exam in a short span of 40 days. The book can prove to be the ideal material for class 12 students as they can utilise this book to revise their preparation immediately after the board exams. The book contains 27 chapters of class 11 & 12 and each Chapter contains: # JEE Main 6 Years at a Glance i.e., JEE Main (2019 - 2014) with TOPIC-WISE Analysis. # Detailed Concept Maps covers entire JEE Syllabus for speedy revision. # IMPORTANT/ CRITICAL Points of the Chapter for last minute revision. # TIPS to PROBLEM SOLVING – to help students to solve Problems in shortest possible time. # Exercise 1 CONCEPT BUILDER - A Collection of Important Topic-wise MCQs to Build Your Concepts. # Exercise 2 CONCEPT APPLICATOR – A Collection of Quality MCQs that helps sharpen your concept application ability. # Exercise 3 Numeric Answer Questions – A Collection of Quality Numeric Answer Questions as per the new pattern of JEE. # Answer Keys & Detailed Solutions of all the Exercises and Past years problems are provided at the end of the chapter. Prepare for Microsoft Exam 70-532--and help demonstrate your real-world mastery of Microsoft Azure solution development. Designed for experienced developers ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the Microsoft Specialist level. Focus on the expertise measured by these objectives: Design and implement Websites Create and manage Virtual Machines Design and

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implement Cloud Services Design and implement a storage strategy Manage application and network services This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Will be valuable for Microsoft Azure developers, solution architects, DevOps engineers, and QA engineers Assumes you have experience designing, programming, implementing, automating, and monitoring Microsoft Azure solutions and that you are proficient with tools, techniques, and approaches for building scalable, resilient solutions Developing Microsoft Azure Solutions About the Exam Exam 70-532 focuses on the skills and knowledge needed to develop Microsoft Azure solutions that include websites, virtual machines, cloud services, storage, application services, and network services. About Microsoft Certification Passing this exam earns you a Microsoft Specialist certification in Microsoft Azure, demonstrating your expertise with the Microsoft Azure enterprise-grade cloud platform. You can earn this certification by passing Exam 70-532, Developing Microsoft Azure Solutions; or Exam 70-533, Implementing Microsoft Azure Infrastructure Solutions; or Exam 70-534, Architecting Microsoft Azure Solutions. See full details at: microsoft.com/learning

Now available in a fully revised and updated second edition, this well established textbook provides a straightforward introduction to the theory of probability. The presentation is entertaining without any sacrifice of rigour; important notions are covered with the clarity that the subject demands. Topics covered include conditional probability, independence, discrete and continuous random variables, basic combinatorics, generating functions and limit theorems, and an introduction to Markov chains. The text is accessible to undergraduate students and provides numerous worked examples and exercises to help build the important

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skills necessary for problem solving.

A Course in Applied Stochastic Processes

Metallurgical Analysis

Architecting Composite Applications and Services with TIBCO

Solutions in Statistics and Probability

A Problem-Solution Approach