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The Music of the Troubadours
 Advanced Engineering Mathematics with MATLAB, Second Edition
 Statics and Mechanics of Materials
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 The Sculpture of Jacques Lipchitz
 Ambient Assisted Living
 House Industries Lettering Manual

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GAIGE LUCIANA

The Music of the Troubadours Packt Publishing Ltd

Business English, 6e gives students a wide-ranging review of the fundamentals of English grammar and usage, placing special emphasis on the language principles and applications that can cause communication problems in the business world. Designed as a core text/workbook for the business English course, it is intended for instructors who want a comprehensive business English book with extensive exercises for remediation. This text could also be used in a business communications course as a supplement for Business English and grammar review. The new edition features increased emphasis on grammar and writing instruction, updated coverage of the Internet and office technologies, and more exercises for review and practice.

[Advanced Engineering Mathematics with MATLAB, Second Edition](#) John Wiley & Sons

"The Music of the Troubadours is the first comprehensive critical study of the extant melodies of the troubadours of Occitania. It begins with an overview of their social and political milieu in the twelfth and thirteenth centuries, then provides brief biographies of the troubadours whose music survives. The four manuscripts that transmit this music are described in detail, with attention to their genesis in the overlapping roles of composers, singers, and scribes"--Back cover

[Statics and Mechanics of Materials](#) Cambridge University Press

Invent your own Python scripts to automate your infrastructure Key Features Make the most of Python libraries and modules to automate your infrastructure Leverage Python programming to automate server configurations and administration tasks Efficiently develop your Python skill set Book Description Hands-On Enterprise Automation with Python starts by covering the set up of a Python environment to perform automation tasks, as well as the modules, libraries, and tools you will be using. We'll explore examples of network automation tasks using simple Python programs and Ansible. Next, we will walk you through automating administration tasks with Python Fabric, where you will learn to perform server configuration and administration, along with system administration tasks such as user management, database management, and process management. As you progress through this book, you'll automate several testing services with Python scripts and perform automation tasks on virtual machines and cloud infrastructure with Python. In the concluding chapters, you will cover Python-based offensive security tools and learn how to automate your security tasks. By the end of this book, you will have mastered the skills of automating several system administration tasks with Python. What you will learn Understand common automation modules used in Python Develop Python scripts to manage network devices Automate common Linux administration tasks with Ansible and Fabric Managing Linux processes Administrate VMware, OpenStack, and AWS instances with Python Security automation and sharing code on GitHub Who this book is for Hands-On Enterprise Automation with Python is for system administrators and DevOps engineers who are looking for an alternative to major automation frameworks such as Puppet and Chef. Basic programming knowledge with Python and Linux shell scripting is necessary.

[Treaty Series / Recueil Des Traités](#) Little, Brown Medical Division

Addresses an Emerging Shift in Developing CountriesThe authors and contributors of Ambient Assisted Living have recognized that the demographic profile is changing in many developing countries and have factored in an inversion of the demographic pyramid. The technology of ambient assisted living (AAL), supports the elderly and disabled in their dai

[Urban Drainage](#) CRC Press

This textbook explains the concepts and techniques required to write programs that can handle large amounts of data efficiently. Project-oriented and classroom-tested, the book presents a number of important algorithms supported by examples that bring meaning to the problems faced by computer programmers. The idea of computational complexity is also introduced, demonstrating what can and cannot be computed efficiently so that the programmer can make informed judgements about the algorithms they use. Features: includes both introductory and advanced data structures and algorithms topics, with suggested chapter sequences for those respective courses provided in the preface; provides learning goals, review questions and programming exercises in

each chapter, as well as numerous illustrative examples; offers downloadable programs and supplementary files at an associated website, with instructor materials available from the author; presents a primer on Python for those from a different language background.

[Abstract Painting and Sculpture in America](#) [New York] : Published for the Museum of Modern Art by Arno Press, 1972 [c1952]

It's easier to learn how to program a computer than it has ever been before. Now everyone can learn to write programs for themselves - no previous experience is necessary. Chris Pine takes a thorough, but lighthearted approach that teaches you the fundamentals of computer programming, with a minimum of fuss or bother. Whether you are interested in a new hobby or a new career, this book is your doorway into the world of programming. Computers are everywhere, and being able to program them is more important than it has ever been. But since most books on programming are written for other programmers, it can be hard to break in. At least it used to be. Chris Pine will teach you how to program. You'll learn to use your computer better, to get it to do what you want it to do. Starting with small, simple one-line programs to calculate your age in seconds, you'll see how to write interactive programs, to use APIs to fetch live data from the internet, to rename your photos from your digital camera, and more. You'll learn the same technology used to drive modern dynamic websites and large, professional applications. Whether you are looking for a fun new hobby or are interested in entering the tech world as a professional, this book gives you a solid foundation in programming. Chris teaches the basics, but also shows you how to think like a programmer. You'll learn through tons of examples, and through programming challenges throughout the book. When you finish, you'll know how and where to learn more - you'll be on your way. What You Need: All you need to learn how to program is a computer (Windows, macOS, or Linux) and an internet connection. Chris Pine will lead you through setting set up with the software you will need to start writing programs of your own.

[KNX Advanced Course Documentation](#) University of Chicago Press

Learn the history and techniques of hand lettering from a renowned design studio. This practical and visual guide features exercises, case studies, and typographic models for letter styles such as serif, sans serif, brush, and script. Known throughout the world for its eclectic typeface collections and far-reaching creative exploits, from fonts and fashion to ceramics and space technology, House Industries has been a standard bearer for American graphic design for more than twenty-five years. The House Industries Lettering Manual is an accessible hands-on guide to drawing letters from Ken Barber, House's head letterer and type design director. Modeled after a series of sold-out lettering workshops that Ken has conducted around the world, this highly illustrated handbook outlines the history of lettering, various methods and techniques, common letter styles, and best practices for getting paid for your work. This handy how-to guide also provides lettering models to help sharpen your drawing skills and offer departure points for further experimentation. Designed by House Industries and including copious examples, exercises, and opportunities to practice what you've learned, plus photographs of works-in-progress and finished projects, this instructive and visually engaging book will help you master the dynamic art of lettering, whether you're a budding artist or an experienced designer.

[Learning a Second Language](#) John Wiley & Sons

Classic works of speculative fiction from the earliest masters of the genre. Classic Science Fiction includes nine stories from masters of early science fiction: H. G. Wells, Jules Verne, H. P. Lovecraft, Edgar Allan Poe, Jack London, Fitz James O'Brien, Charlotte Perkins Gilman, and Stanley G. Weinbaum. The exploration of new concepts and technologies has driven the genre since its earliest days, and these works demonstrate how science fiction evolved to encompass not only speculative science but also humanity's role in the universe.

[Hands-On Enterprise Automation with Python](#) Vintage

A triumphant memoir by the former editor-in-chief of French Elle that reveals an indomitable spirit and celebrates the liberating power of consciousness. In 1995, Jean-Dominique Bauby was the editor-in-chief of French Elle, the father of two young children, a 44-year-old man known and loved for his wit, his style, and his impassioned approach to life. By the end of the year he was also the victim of a rare kind of stroke to the brainstem. After 20 days in a coma, Bauby awoke into a body

which had all but stopped working: only his left eye functioned, allowing him to see and, by blinking it, to make clear that his mind was unimpaired. Almost miraculously, he was soon able to express himself in the richest detail: dictating a word at a time, blinking to select each letter as the alphabet was recited to him slowly, over and over again. In the same way, he was able eventually to compose this extraordinary book. By turns wistful, mischievous, angry, and witty, Bauby bears witness to his determination to live as fully in his mind as he had been able to do in his body. He explains the joy, and deep sadness, of seeing his children and of hearing his aged father's voice on the phone. In magical sequences, he imagines traveling to other places and times and of lying next to the woman he loves. Fed only intravenously, he imagines preparing and tasting the full flavor of delectable dishes. Again and again he returns to an "inexhaustible reservoir of sensations," keeping in touch with himself and the life around him. Jean-Dominique Bauby died two days after the French publication of *The Diving Bell and the Butterfly*. This book is a lasting testament to his life.

Learn to Program Watson-Guptill

Smart homes are intelligent environments that interact dynamically and respond readily in an adaptive manner to the needs of the occupants and changes in the ambient conditions. The realization of systems that support the smart homes concept requires integration of technologies from different fields. Among the challenges that the designers face is to make all the components of the system interact in a seamless, reliable and secure manner. Another major challenge is to design the smart home in a way that takes into account the way humans live and interact. This later aspect requires input from the humanities and social sciences fields. The need for input from diverse fields of knowledge reflects the multidisciplinary nature of the research and development effort required to realize smart homes that are acceptable to the general public. The applications that can be supported by a smart home are very wide and their degree of sophistication depends on the underlying technology used. Some of the application areas include monitoring and control of appliances, security, telemedicine, entertainment, location based services, care for children and the elderly... etc. This book consists of eleven chapters that cover various aspects of smart home systems.

Python in High School IWA Publishing

In the four previous editions the author presented a text firmly grounded in the mathematics that engineers and scientists must understand and know how to use. Tapping into decades of teaching at the US Navy Academy and the US Military Academy and serving for twenty-five years at (NASA) Goddard Space Flight, he combines a teaching and practical experience that is rare among authors of advanced engineering mathematics books. This edition offers a smaller, easier to read, and useful version of this classic textbook. While competing textbooks continue to grow, the book presents a slimmer, more concise option. Instructors and students alike are rejecting the encyclopedic tome with its higher and higher price aimed at undergraduates. To assist in the choice of topics included in this new edition, the author reviewed the syllabi of various engineering mathematics courses that are taught at a wide variety of schools. Due to time constraints an instructor can select perhaps three to four topics from the book, the most likely being ordinary differential equations, Laplace transforms, Fourier series and separation of variables to solve the wave, heat, or Laplace's equation. Laplace transforms are occasionally replaced by linear algebra or vector calculus. Sturm-Liouville problem and special functions (Legendre and Bessel functions) are included for completeness. Topics such as z-transforms and complex variables are now offered in a companion book, *Advanced Engineering Mathematics: A Second Course* by the same author. MATLAB is still employed to reinforce the concepts that are taught. Of course, this Edition continues to offer a wealth of examples and applications from the scientific and engineering literature, a highlight of previous editions. Worked solutions are given in the back of the book.

Business English Chicago: University of Chicago Press

BUSINESS ENGLISH, 11th Edition, by Mary Ellen Guffey and Carolyn Seefer helps students become successful communicators in any business arena with its proven grammar instruction and supporting in-text and online resources. The perennial leader in grammar and mechanics texts, the 11th edition of **BUSINESS ENGLISH** uses a three-level approach to break topics into manageable units, letting students identify and hone the most critical skills and measure their progress along the way. Packed with insights from more than thirty years of classroom experience in business communications, **BUSINESS ENGLISH** also includes access to the premier website and its many resources for building language skills. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Clinical Internal Medicine Pragmatic Bookshelf

An all-in-one reference to the major Home Area Networking, Building Automation and AMI protocols, including 802.15.4 over radio or PLC, 6LowPAN/RPL, ZigBee 1.0 and Smart Energy 2.0, Zwave, LON, BACNet, KNX, ModBus, mBus, C.12 and DLMS/COSEM, and the new ETSI M2M system level standard. In-depth coverage of Smart-grid and EV charging use cases. This book describes the Home Area Networking, Building Automation and AMI protocols and their evolution towards open protocols based on IP such as 6LowPAN and ETSI M2M. The authors discuss the approach taken by service providers to interconnect the protocols and solve the challenge of massive scalability of machine-to-machine communication for mission-critical applications, based on the next generation machine-to-machine ETSI M2M architecture. The authors demonstrate, using the example of the smartgrid use case, how the next generation utilities, by interconnecting and activating our physical environment, will be able to deliver more energy (notably for electric vehicles) with less impact on our natural resources. Key Features: Offers a comprehensive overview of major existing M2M and AMI protocols Covers the system aspects of large scale M2M and smart grid applications Focuses on system level architecture, interworking, and nationwide use cases Explores recent emerging technologies: 6LowPAN, ZigBee SE 2.0 and ETSI M2M, and for existing technologies covers recent developments related to interworking Relates ZigBee to the issue of smartgrid, in the more general context of carrier grade M2M applications Illustrates the benefits of the smartgrid concept based on real examples, including business cases This book will be a valuable guide for project managers working on smartgrid, M2M, telecommunications and utility projects, system engineers and developers, networking companies, and home automation companies. It will also be of use to senior academic researchers, students, and policy makers and regulators.

The Diving Bell and the Butterfly Springer

De hautes exigences fondées sur la sécurité, la flexibilité et le confort des installations électriques combinées avec les besoins de réduire au minimum les dépenses d'énergie ont conduit au développement de systèmes de gestion de bâtiments. La technologie KNX est le résultat du rassemblement de la connaissance et de l'expérience gagnée sur les 25 dernières années grâce au prédécesseur des technologies KNX, c'est-à-dire le European Installation Bus (EIB), le European Home System (EHS) et BatiBUS. Afin de pouvoir utiliser KNX avec compétence, on doit disposer de solides connaissances. C'est pourquoi il est nécessaire de répondre à quelques mesures de formation: - sélection des appareils bus et du matériel d'installation; - champs d'application et applications principales du système KNX bus; - détermination de la topologie du bus en fonction de la structure du bâtiment et les fonctions souhaitées; - planification de l'installation; - installation, y compris les règles en question (p.ex. protection contre la foudre, compatibilité électromagnétique, etc.); - mise en service et maintenance des installations KNX; L'édition de janvier 2015 de la

Documentation cours de base vous donne un aperçu approfondi des points mentionnés ci-dessus.

Vous trouverez plus d'informations sur les thèmes Sécurité, Climatisation avec KNX... dans le document « KNX Advanced Course Documentation » qui est publié séparément (Seulement disponible en anglais, allemand et espagnol). Cette documentation de formation (avec examen réussie suivant le cours KNX de base) constitue la base pour le partenariat KNX. Les cours sont organisés dans plus de 300 centres de formation certifiés.

Data Structures and Algorithms with Python Cengage Learning

When a fiery Nephilim goes rogue, there's only one thing to do: Take cover. Israfil, the only member of the fallen race in existence, is on a mission: kill Jared Crow, head of a secret organization known as The Order, and the man who murdered her friends. She's highly trained in the martial arts, skilled in weaponry and won't allow anything to stand in her way, not even her mortal lover, Edmond. Unable to dissuade Israfil from hunting down Crow, Edmond joins her. He's only along for the ride, but it's one he'll wish he'd never taken. Raziel, the last Watcher on earth, has taken refuge in the desert, far from the mortals he is duty-bound to protect. Though tired of the task after thousands of years of lonely servitude, when he detects a threat to the Symphony--the universal flow of all living things--he has no choice but to track the dissonance. Knowing sooner or later Israfil must die, he joins in the chase. Jared Crow has an agenda none of them could have foreseen—and he's got some powerful help in the form of the Dark One. Nephilim, mortal and Watcher--it will take all three to reverse what Crow has set in motion. 27,000 Words

Advanced Engineering Mathematics with MATLAB Axel Menges

Hit the ground running with this in-depth introduction to the NLP skills and techniques that allow your computers to speak human. In *Getting Started with Natural Language Processing* you'll learn about: Fundamental concepts and algorithms of NLP Useful Python libraries for NLP Building a search algorithm Extracting information from raw text Predicting sentiment of an input text Author profiling Topic labeling Named entity recognition *Getting Started with Natural Language Processing* is an enjoyable and understandable guide that helps you engineer your first NLP algorithms. Your tutor is Dr. Ekaterina Kochmar, lecturer at the University of Bath, who has helped thousands of students take their first steps with NLP. Full of Python code and hands-on projects, each chapter provides a concrete example with practical techniques that you can put into practice right away. If you're a beginner to NLP and want to upgrade your applications with functions and features like information extraction, user profiling, and automatic topic labeling, this is the book for you. About the technology From smart speakers to customer service chatbots, apps that understand text and speech are everywhere. Natural language processing, or NLP, is the key to this powerful form of human/computer interaction. And a new generation of tools and techniques make it easier than ever to get started with NLP! About the book *Getting Started with Natural Language Processing* teaches you how to upgrade user-facing applications with text and speech-based features. From the accessible explanations and hands-on examples in this book you'll learn how to apply NLP to sentiment analysis, user profiling, and much more. As you go, each new project builds on what you've previously learned, introducing new concepts and skills. Handy diagrams and intuitive Python code samples make it easy to get started—even if you have no background in machine learning! What's inside Fundamental concepts and algorithms of NLP Extracting information from raw text Useful Python libraries Topic labeling Building a search algorithm About the reader You'll need basic Python skills. No experience with NLP required. About the author Ekaterina Kochmar is a lecturer at the Department of Computer Science of the University of Bath, where she is part of the AI research group. Table of Contents 1 Introduction 2 Your first NLP example 3 Introduction to information search 4 Information extraction 5 Author profiling as a machine-learning task 6 Linguistic feature engineering for author profiling 7 Your first sentiment analyzer using sentiment lexicons 8 Sentiment analysis with a data-driven approach 9 Topic analysis 10 Topic modeling 11 Named-entity recognition

Gunnar Birkerts Independently Published

Python is the ideal language to learn programming. It is a powerful language that will immerse you in the world of algorithms. This book guides you step by step through original mathematical and computer activities adapted to high school. It is complemented by online resources: all the Python codes and colourful chapters. You have everything you need to succeed! * Hello world! * Turtle (Scratch with Python) * If ... then ... * Functions * Arithmetic - While loop - I * Strings - Analysis of a text * Lists I * Statistics - Data visualization * Files * Arithmetic - While loop - II * Binary I * Lists II * Binary II * Probabilities - Parondo's paradox * Find and replace * Polish calculator - Stacks * Text viewer -Markdown * L-systems * Dynamic images * Game of life * Ramsey graphs and combinatorics * Bitcoin * Random blocks *

Music: A Mathematical Offering CRC Press

Resoundingly popular in its first edition, Dean Duffy's *Advanced Engineering Mathematics* has been updated, expanded, and now more than ever provides the solid mathematics background required throughout the engineering disciplines. Melding the author's expertise as a practitioner and his years of teaching engineering mathematics, this text stands clearly apart from the many others available. Relevant, insightful examples follow nearly every concept introduced and demonstrate its practical application. This edition includes two new chapters on differential equations, another on Hilbert transforms, and many new examples, problems, and projects that help build problem-solving skills. Most importantly, the book now incorporates the use of MATLAB throughout the presentation to reinforce the concepts presented. MATLAB code is included so readers can take an analytic result, fully explore it graphically, and gain valuable experience with this industry-standard software.

Return Of the Fallen Indiana University Press

Urban Drainage: A Multilingual Glossary has been written by research engineers and scientists with substantial experience in the urban drainage field. It provides definitive descriptions of urban drainage terms in English, French, Japanese and German, giving guidance on their appropriate usage and context. The glossary also contains many diagrams, tables and technical discussions, and is a very practical tool to facilitate international technical communication in the urban drainage field. Containing well over 850 commonly-used terms in urban drainage, all expressed in a user-friendly manner, the book serves as a valuable resource for both practitioner and academic. Topics covered include: urban hydrology/hydraulics sewerage surface water runoff pollution (groundwater and surface) receiving waters ecology ecotoxicology best management practices urban water resource management Urban Drainage: A Multilingual Glossary represents an initiative of the joint IWA/IAHR Committee on Urban Drainage and has arisen out of the long-standing terminological and tautological difficulties of many terms in common usage within international urban drainage practice. It will be of great use and interest to scientists, engineers and ecologists, professionals and students working in urban hydrology/hydraulics, urban water resource management and regulation, urban planning and ecology.

Sculpture of the Twentieth Century CRC Press

The building of the National Library of Latvia is a landmark of the capital city of Riga, a spatial symbol and architectural icon, created by one of the 20th century renowned modernists--the Latvian-born American architect Gunnar Birkerts. It is one of the largest cultural buildings in Northern Europe in the 21st century and acquired a symbolic and meaningful name: The Castle of Light. The pyramidal structure which rises 68 meters high is a place of cognition equipped with

state-of-the-art technology where up to 8 million units of national printed materials can be stored.

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