

Mitchell Estimating Guide Online

2020 National Construction Estimator
Choosing GreenWeb Scraping with Python
Chilton Labor Guide
Construction Forms & Contracts
Evidence-Based Practice Across the Health Professions
Contractor's Guide to QuickBooks Pro 2003
Principles of Accounting Volume 1 - Financial Accounting
Auto Repair For Dummies
The Magician's Hat
Heavy Truck Collision Estimating Guide
Contractor's Guide to QuickBooks Pro 2001
Multivariable Analysis
Business Happens
New Information Systems and Services
Information Market Place, 1978-79
Encyclopedia of Information Systems and Services
Artificial Intelligence
National Construction Estimator 2019
The Routledge Handbook of Disaster Risk Reduction Including Climate Change Adaptation
Publishers Directory
Filtering and System Identification
Real Estate Investor's Guide to QuickBooks 2006
Contractor's Guide to QuickBooks Pro 2007
Estimating for Building & Civil Engineering
Work-Learning Standards
Information Industry Directory
Agile Estimating and Planning
News Media Yellow Book
Publishing Addiction
Science Architect's Guide to QuickBooks Desktop
Business Law I Essentials
Introduction to Information Retrieval
The Thousand Autumns of Jacob de Zoet
Introduction to Building
New Serial Titles
Contractor's Guide to QuickBooks Pro 2002
Mathematics for Machine Learning
EUSIDIC Database Guide
Cloud Atlas

2020 National Construction Estimator

Choosing Green

Current building costs for residential, commercial, and industrial construction. Estimated prices for every common building material. Provides manhours, recommended crew, and gives the labor cost for installation. Complete estimates for just about every item used in residential, commercial, or industrial construction." --

Web Scraping with Python

How to perform and interpret multivariable analysis, using plain language rather than complex derivations.

Chilton Labor Guide

Learn web scraping and crawling techniques to access unlimited data from any web source in any format. With this practical guide, you'll learn how to use Python scripts and web APIs to gather and process data from thousands—or even millions—of web pages at once. Ideal for programmers, security professionals, and web administrators familiar with Python, this book not only teaches basic web scraping mechanics, but also delves into more advanced topics, such as analyzing raw data or using scrapers for frontend website testing. Code samples are available to help you understand the concepts in practice. Learn how to parse complicated HTML pages Traverse multiple pages and sites Get a general overview of APIs and how they work Learn several

methods for storing the data you scrape Download, read, and extract data from documents Use tools and techniques to clean badly formatted data Read and write natural languages Crawl through forms and logins Understand how to scrape JavaScript Learn image processing and text recognition

Construction Forms & Contracts

Evidence-Based Practice Across the Health Professions

Introduction to Building, written by Derek Osbourn and Roger Greeno, is essential reading for all students of construction and building related disciplines. It is a preliminary and complementary reader for the other books in the Mitchell's Building Series and is a standard reference for all those concerned with contemporary construction processes and procedures. This third edition has been revised, updated and extended to retain its authoritative overview of the many and varied aspects of creating buildings. The new edition provides a wider perspective of construction, incorporating detailed interpretation of standard practice to current legislative measures. It analyses a building in terms of what is expected of it, the practical processes and typical methods used in its construction, the building team which implements the processes and the methods used for communicating information. Each section is written to stimulate interest in and to encourage further reading from the more advanced volumes in the Mitchell's

Building Series and associated research papers. Topics covered: the requirements of a building; appearance; durability; dimensional suitability; strength and stability; we

Contractor's Guide to QuickBooks Pro 2003

Current building costs for residential, commercial, and industrial construction. Estimated prices for every common building material, the labor cost to install the material and a total "installed" cost. For those jobs where you can't rely on your past experience to estimate, rely on the prices in this national standard of construction costs to get you safely in the ballpark. Provides manhours, recommended crew, and the labor cost for installation of every job and practically every type of material in construction. Provides clear descriptions on what is included in the job being estimated so you know exactly what the job and the prices for that job entail. Every cost is carefully described. It even provides suggested crew sizes, and equipment rates.

Principles of Accounting Volume 1 - Financial Accounting

Auto Repair For Dummies

The Magician's Hat

Contractor's Guide to Quickbooks Pro 2007 not only explains how to set up Quickbooks Pro for a construction company, it also includes a CD-ROM with a template for a construction business to help speed set-up, along with an estimating program with a 5,000-item database, a program that converts estimates into QuickBooks forms so they can compare estimated costs with actual costs, and blank construction forms. QuickBooks Pro is made for all types of businesses. This user-friendly guide walks the builder through the often-complicated set-up procedure that's right for a construction business, so that the builder can get his complicated accounting simplified and automated in his computer. With one easy system, and QuickBooks Pro, your customers can write checks, keep track of their bills, payroll, billing, and the little accounting tidbits that they usually keep in their heads. They'll be able to sleep better at night, as QuickBooks Pro becomes their office accountant.

Heavy Truck Collision Estimating Guide

By the New York Times bestselling author of *The Bone Clocks* and *Cloud Atlas* | Longlisted for the Man Booker Prize In 2007, *Time* magazine named him one of the most influential novelists in the world. He has twice been short-listed for the Man Booker Prize. The *New York Times* Book Review called him simply “a genius.” Now David Mitchell lends fresh credence to *The Guardian’s* claim that “each of his books seems entirely different from that which preceded it.” *The Thousand Autumns of Jacob de Zoet* is a stunning

departure for this brilliant, restless, and wildly ambitious author, a giant leap forward by even his own high standards. A bold and epic novel of a rarely visited point in history, it is a work as exquisitely rendered as it is irresistibly readable. The year is 1799, the place Dejima in Nagasaki Harbor, the “high-walled, fan-shaped artificial island” that is the Japanese Empire’s single port and sole window onto the world, designed to keep the West at bay; the farthest outpost of the war-ravaged Dutch East Indies Company; and a de facto prison for the dozen foreigners permitted to live and work there. To this place of devious merchants, deceitful interpreters, costly courtesans, earthquakes, and typhoons comes Jacob de Zoet, a devout and resourceful young clerk who has five years in the East to earn a fortune of sufficient size to win the hand of his wealthy fiancée back in Holland. But Jacob’s original intentions are eclipsed after a chance encounter with Orito Aibagawa, the disfigured daughter of a samurai doctor and midwife to the city’s powerful magistrate. The borders between propriety, profit, and pleasure blur until Jacob finds his vision clouded, one rash promise made and then fatefully broken. The consequences will extend beyond Jacob’s worst imaginings. As one cynical colleague asks, “Who ain’t a gambler in the glorious Orient, with his very life?” A magnificent mix of luminous writing, prodigious research, and heedless imagination, *The Thousand Autumns of Jacob de Zoet* is the most impressive achievement of its eminent author. Praise for *The Thousand Autumns of Jacob de Zoet* “A page-turner . . . [David] Mitchell’s masterpiece; and also, I am convinced, a masterpiece of our time.”—Richard Eder,

The Boston Globe “An aching romantic story of forbidden love . . . Mitchell’s incredible prose is on stunning display. . . . A novel of ideas, of longing, of good and evil and those who fall somewhere in between [that] confirms Mitchell as one of the more fascinating and fearless writers alive.”—Dave Eggers, The New York Times Book Review “The novelist who’s been showing us the future of fiction has published a classic, old-fashioned tale . . . an epic of sacrificial love, clashing civilizations and enemies who won’t rest until whole family lines have been snuffed out.”—Ron Charles, The Washington Post “By any standards, The Thousand Autumns of Jacob de Zoet is a formidable marvel.”—James Wood, The New Yorker “A beautiful novel, full of life and authenticity, atmosphere and characters that breathe.”—Maureen Corrigan, NPR Look for special features inside. Join the Random House Reader’s Circle for author chats and more. From the Trade Paperback edition.

Contractor's Guide to QuickBooks Pro 2001

Publishing Addiction Science is a comprehensive guide for addiction scientists facing the complex process of contributing to scholarly journals. Written by an international group of addiction journal editors and their colleagues, it discusses how to write research articles and systematic reviews, choose a journal, respond to reviewers’ reports, become a reviewer, and resolve the often difficult authorship, ethical and citation issues that arise in addiction science publishing. As a “Guide for the Perplexed,”

Publishing Addiction Science helps novice as well as experienced researchers to deal with these challenges. It is suitable for university courses and forms the basis of the training workshops offered by the International Society of Addiction Journal Editors (ISAJE). Co-sponsored by ISAJE and the scientific journal Addiction, the third edition of Publishing Addiction Science gives special attention to the challenges faced by researchers from developing and non-English-speaking countries and features new chapters on guidance for clinician-scientists and the growth of infrastructure and career opportunities in addiction science.

Multivariable Analysis

Business Happens

Agile Estimating and Planning is the definitive, practical guide to estimating and planning agile projects. In this book, Agile Alliance cofounder Mike Cohn discusses the philosophy of agile estimating and planning and shows you exactly how to get the job done, with real-world examples and case studies. Concepts are clearly illustrated and readers are guided, step by step, toward how to answer the following questions: What will we build? How big will it be? When must it be done? How much can I really complete by then? You will first learn what makes a good plan-and then what makes it agile. Using the techniques in Agile Estimating and Planning , you can stay agile from start to finish, saving time, conserving

resources, and accomplishing more. Highlights include: Why conventional prescriptive planning fails and why agile planning works How to estimate feature size using story points and ideal days—and when to use each How and when to re-estimate How to prioritize features using both financial and nonfinancial approaches How to split large features into smaller, more manageable ones How to plan iterations and predict your team's initial rate of progress How to schedule projects that have unusually high uncertainty or schedule-related risk How to estimate projects that will be worked on by multiple teams Agile Estimating and Planning supports any agile, semiagile, or iterative process, including Scrum, XP, Feature-Driven Development, Crystal, Adaptive Software Development, DSDM, Unified Process, and many more. It will be an indispensable resource for every development manager, team leader, and team member.

New Information Systems and Services

Information Market Place, 1978-79

Save time setting up and making the most out of QuickBooks, so you can focus on what you do best! This book guides you step-by-step through all of the important features of QuickBooks to an Architecture firm - customers and projects, employees and payroll and more. It is low on official "accounting speak" and full of realistic, useful examples. Just follow our steps and you will have an effective accounting system that

provides all of the information any successful architect needs, in the easiest, shortest time possible.

Encyclopedia of Information Systems and Services

According to a recent national survey, more construction contractors use QuickBooks Pro and QuickBooks than all other accounting programs combined. And for good reason. QuickBooks Pro excels at all the routine paperwork in a construction office: writing checks, keeping track of your bank balance, sending out invoices and statements, creating up-to-the-minute profit and loss statements for the month, year or by job, writing payroll checks, paying suppliers and subcontractors, tracking job costs, comparing estimated and actual costs for each job, and much more. But there's a lot to learn in QuickBooks Pro. And converting to a new accounting system can be a complex and confusing task, even if you have a strong background in accounting and plenty of time to install the new system. That's why this book was written -- because most construction pros aren't accounting experts and have more important work to do at the job site.

Artificial Intelligence

A less-expensive grayscale paperback version is available. Search for ISBN 9781680923018. Business Law I Essentials is a brief introductory textbook designed to meet the scope and sequence requirements of courses on Business Law or the Legal

Environment of Business. The concepts are presented in a streamlined manner, and cover the key concepts necessary to establish a strong foundation in the subject. The textbook follows a traditional approach to the study of business law. Each chapter contains learning objectives, explanatory narrative and concepts, references for further reading, and end-of-chapter questions. Business Law I Essentials may need to be supplemented with additional content, cases, or related materials, and is offered as a foundational resource that focuses on the baseline concepts, issues, and approaches.

National Construction Estimator 2019

The Routledge Handbook of Disaster Risk Reduction Including Climate Change Adaptation

For the first time ever, clear, comprehensive information about the major e-learning standards has been brought together in a single resource. No more confusing patchworks of information gleaned from scattered Web sites and periodicals. No more frustrating searches through hundreds of pages of technical specifications to find the twenty pages that apply to you. No more sorting through the alphabet soup of acronyms trying to discern which of them you need. Written by the developers of the first Learning Management System (LMS) to be AICC-certified for Web-based interoperability, *E-Learning Standards: A Guide to Purchasing, Developing, and Deploying*

Standards-Conformant E-Learning thoroughly covers this complex topic. The authors focus on those standards that are being successfully implemented such as the AICC and SCORM specifications for interoperable data tracking, searchable meta-data, and interchangeable course structures and the QTI specification for interoperable tests and test questions. They clearly explain the purpose of each standard and its application to the various components of e-learning such as learning management systems and learning content management systems, assessment systems, and courseware. The book provides practical advice on choosing and purchasing standards-based e-learning components and gives guidance on developing interoperable, interchangeable courseware that will work in any standards-based e-learning environment. Learning technology standards are still very new to the Web-based training world, leaving room for many potential pitfalls. There are distinct sets of standards available for Internet-delivered learning that enable all components of an e-learning system to communicate with each other. However, choosing which set of standards would best suit the system's needs, then understanding and following those specifications, can be a daunting task. *E-Learning Standards: A Guide to Purchasing, Developing, and Deploying Standards-Conformant E-Learning* provides a road map for anyone involved in the development of components for e-learning environments and a guide buyers can use to make well-informed decisions about their e-learning purchases.

Publishers Directory

Filtering and System Identification

Real Estate Investor's Guide to QuickBooks 2006

An expanded and revised new E-book edition of the respected evidence-based practice (EBP) foundation text. Evidence-based Practice across the Health Professions, 2nd Edition E-book provides health professions students with the basic knowledge and skills necessary to become evidence-based clinicians. Years after its 2009 publication, Evidence-based Practice across the Health Professions remains one of the few truly multidisciplinary evidence-based practice textbooks meeting the needs of undergraduate and postgraduate students enrolled in inter-professional courses. Fully revised and expanded, the second edition of this key health textbook picks up where the first left off: demystifying the practice of finding and using evidence to inform decision-making across a range of professions and roles within the healthcare sector. Evidence-based Practice across the Health Professions, 2nd Edition E-book covers an additional three health disciplines - now totalling 12 - and features a new chapter on the important role of organisations in promoting evidence-based practice. Additional new content includes a greater emphasis on reflection, new clinical scenarios and additional examples of systematic reviews. The

authors' focused, user-friendly approach helps students understand the importance and implications of evidence-based practice, and addresses the growing importance of collaborative practice and the reality of multidisciplinary health teams in the overall healthcare environment. Worked examples of a wide range of case scenarios and appraised papers (some are discipline-specific and others are multidisciplinary). Designed to be used by students from a wide range of health professions, thus facilitating the student's ability to understand the needs of multi-disciplinary health-care teams in a real-life setting. Includes a detailed chapter on implementing evidence into practice and other topics that are not typically addressed in other texts, such as a chapter about how to communicate evidence to clients and another that discusses the role of clinical reasoning in evidence-based practice. Summary points at the end of each chapter. Supported by an Evolve resource package that contains revision questions that utilize a range of question formats. Three new health disciplines covered - human movement & exercise science, pharmacy and paramedicine - with new clinical scenarios. New chapter - Embedding evidence-based practice into routine clinical care. Elsevier's Evolve - an expanded suite of online assets to provide additional teaching and student resources. New examples of appraising and using systematic reviews of qualitative evidence (meta-synthesis). Nine new contributors including paramedicine, CAMS, qualitative EBP and nursing. New larger format and internal design.

Contractor's Guide to QuickBooks Pro 2007

Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.

Estimating for Building & Civil Engineering Work

e-Learning Standards

Super Bowl champion and literacy crusader Malcolm Mitchell presents the story of a magician who reveals an awe-inspiring treasure from his bag of tricks -- books that make every kid's dream come true! This is

not your typical afternoon at the library -- a magician invites kids to reach into his hat to pull out whatever they find when they dig down deep. Soon -- poof! -- each child comes away with something better than they could've imagined -- a book that helps them become whatever they want to be, and makes their dreams come true through pages and words, and the adventures that follow. But each child can't help but wonder, What's really making the magic happen? "Malcolm Mitchell is changing the world through the power of reading." -- Dav Pilkey, bestselling creator of the Dog Man and Captain Underpants series "The Magician's Hat will cast its spell on you!" -- Jeff Kinney, bestselling author of the Diary of a Wimpy Kid series

Information Industry Directory

By the New York Times bestselling author of *The Bone Clocks* | Shortlisted for the Man Booker Prize A postmodern visionary and one of the leading voices in twenty-first-century fiction, David Mitchell combines flat-out adventure, a Nabokovian love of puzzles, a keen eye for character, and a taste for mind-bending, philosophical and scientific speculation in the tradition of Umberto Eco, Haruki Murakami, and Philip K. Dick. The result is brilliantly original fiction as profound as it is playful. In this groundbreaking novel, an influential favorite among a new generation of writers, Mitchell explores with daring artistry fundamental questions of reality and identity. *Cloud Atlas* begins in 1850 with Adam Ewing, an American notary voyaging from the Chatham Isles to his home in California. Along the

way, Ewing is befriended by a physician, Dr. Goose, who begins to treat him for a rare species of brain parasite. . . . Abruptly, the action jumps to Belgium in 1931, where Robert Frobisher, a disinherited bisexual composer, contrives his way into the household of an infirm maestro who has a beguiling wife and a nubile daughter. . . . From there we jump to the West Coast in the 1970s and a troubled reporter named Luisa Rey, who stumbles upon a web of corporate greed and murder that threatens to claim her life. . . . And onward, with dazzling virtuosity, to an inglorious present-day England; to a Korean superstate of the near future where neocapitalism has run amok; and, finally, to a postapocalyptic Iron Age Hawaii in the last days of history. But the story doesn't end even there. The narrative then boomerangs back through centuries and space, returning by the same route, in reverse, to its starting point. Along the way, Mitchell reveals how his disparate characters connect, how their fates intertwine, and how their souls drift across time like clouds across the sky. As wild as a videogame, as mysterious as a Zen koan, *Cloud Atlas* is an unforgettable tour de force that, like its incomparable author, has transcended its cult classic status to become a worldwide phenomenon. Praise for *Cloud Atlas* “[David] Mitchell is, clearly, a genius. He writes as though at the helm of some perpetual dream machine, can evidently do anything, and his ambition is written in magma across this novel’s every page.”—The New York Times Book Review “One of those how-the-holy-hell-did-he-do-it? modern classics that no doubt is—and should be—read by any student of contemporary literature.”—Dave Eggers “Wildly entertaining . . . a head rush, both action-

packed and chillingly ruminative.”—People “The novel as series of nested dolls or Chinese boxes, a puzzle-book, and yet—not just dazzling, amusing, or clever but heartbreaking and passionate, too. I’ve never read anything quite like it, and I’m grateful to have lived, for a while, in all its many worlds.”—Michael Chabon “Cloud Atlas ought to make [Mitchell] famous on both sides of the Atlantic as a writer whose fearlessness is matched by his talent.”—The Washington Post Book World “Thrilling . . . One of the biggest joys in Cloud Atlas is watching Mitchell sashay from genre to genre without a hitch in his dance step.”—Boston Sunday Globe “Grand and elaborate . . . [Mitchell] creates a world and language at once foreign and strange, yet strikingly familiar and intimate.”—Los Angeles Times From the Hardcover edition.

Agile Estimating and Planning

A union list of serials commencing publication after Dec. 31, 1949.

News Media Yellow Book

Easily master QuickBooks Pro 2003 and quickly learn how to generate reports to help you analyze your company's progress. Includes a FREE CD-ROM with preconfigured construction company files for QuickBooks Pro, including one for Canada. Just drag the company file onto your hard drive and then fill it in with your vendors, subs, and customers. Also included is a complete estimating program with a cost

database to help you estimate your jobs, and a unique translation tool to transfer the estimate to QuickBooks Pro for job costing. Includes 40 FREE construction forms.

Publishing Addiction Science

The text and images in this book are in grayscale. A hardback color version is available. Search for ISBN 9781680922929. Principles of Accounting is designed to meet the scope and sequence requirements of a two-semester accounting course that covers the fundamentals of financial and managerial accounting. This book is specifically designed to appeal to both accounting and non-accounting majors, exposing students to the core concepts of accounting in familiar ways to build a strong foundation that can be applied across business fields. Each chapter opens with a relatable real-life scenario for today's college student. Thoughtfully designed examples are presented throughout each chapter, allowing students to build on emerging accounting knowledge. Concepts are further reinforced through applicable connections to more detailed business processes. Students are immersed in the "why" as well as the "how" aspects of accounting in order to reinforce concepts and promote comprehension over rote memorization.

Architect's Guide to QuickBooks Desktop

It deals in a practical and reasonable way with many of the estimating problems which can arise where building and civil engineering works are carried out

and to include comprehensive estimating data within the guidelines of good practice. The early part of the book has been completely rewritten to contain chapters useful to students and practitioners alike for the development of the estimating process resulting in the presentation of a tender for construction works. The second and major part of the book contains estimating data fully updated for the major elements in building and civil engineering work, including a new chapter on piling, and a wealth of constants for practical use in estimating. The estimating examples are based on the current edition of the Standard Method of Measurement for Building Works (SMM7). The comprehensive information on basic principles of estimating found in 'Spence Geddes' are still as valid today as the first edition. In this edition the prevailing rates of labour and costs of materials are taken whenever possible as a round figure. Readers will appreciate in the construction industry that prices are continually changing, rise and fall, and that worked examples should therefore be used as a guide to method of calculation substituting in any specific case the current rates applicable to it. In the case of plant output dramatic increases have been experienced in productivity over recent years and again estimators with their own records should substitute values appropriate to their work.

Business Law I Essentials

Introduction to Information Retrieval

The fundamental mathematical tools needed to understand machine learning include linear algebra, analytic geometry, matrix decompositions, vector calculus, optimization, probability and statistics. These topics are traditionally taught in disparate courses, making it hard for data science or computer science students, or professionals, to efficiently learn the mathematics. This self-contained textbook bridges the gap between mathematical and machine learning texts, introducing the mathematical concepts with a minimum of prerequisites. It uses these concepts to derive four central machine learning methods: linear regression, principal component analysis, Gaussian mixture models and support vector machines. For students and others with a mathematical background, these derivations provide a starting point to machine learning texts. For those learning the mathematics for the first time, the methods help build intuition and practical experience with applying mathematical concepts. Every chapter includes worked examples and exercises to test understanding. Programming tutorials are offered on the book's web site.

The Thousand Autumns of Jacob de Zoet

Professional technicians have relied on the Chilton Labor Guide estimated repair times for decades. This latest edition expands on that reliability by including technical hotline feedback and research from professional labor experts. The labor times reflect actual vehicle conditions found in the aftermarket, including rust, wear and grime. Available in both hardcover and CD-ROM, this completely revised

manual provides thousands of labor times for 1981 through current year domestic and imported vehicles. All times reflect technicians' use of aftermarket tools and training.

Introduction to Building

Donation/No CD with book.

New Serial Titles

The Routledge Handbook of Disaster Risk Reduction Including Climate Change Adaptation aims to provide an overview and critique of the current state of knowledge, policy, and practice, encouraging engagement, and reflection on bringing the two sectors together. This long-awaited and welcomed volume makes a compelling case that a common research agenda and a series of practical policies and policy recommendations can and should be put in place. Over 40 contributions explore DRR including CCA in five parts. The first part presents and interrogates much of the typical vocabulary seen in DRR including CCA, not only pointing out the useful and not-so-useful dimensions, but also providing alternatives and positive examples. The second part explains how to move forward creating and supporting positive crossovers and connections, while the third one explores some aspects of multi-dimensional approaches to knowing and understanding. The fourth part argues for a balanced approach to governance, taking both governmental and non-governmental governance, as well as

different scales of governance, into consideration. The final part of the Handbook emphasises DRR including CCA as an investment, rather than a cost, and connects its further implementation with livelihoods of people around the world. This handbook highlights the connections amongst the processes of dealing with disasters and dealing with climate change. It demonstrates how little climate change brings which is new and emphasises the strengths of placing climate change within wider contexts in order to draw on all our strengths while overcoming limitations with specialities. It will prove to be a valuable guide for graduate and advanced undergraduate students, academics, policy makers, and practitioners with an interest in disaster risk reduction and climate change.

Contractor's Guide to Quickbooks Pro 2002

Melanie Mitchell separates science fact from science fiction in this sweeping examination of the current state of AI and how it is remaking our world. No recent scientific enterprise has proved as alluring, terrifying, and filled with extravagant promise and frustrating setbacks as artificial intelligence. The award-winning author Melanie Mitchell, a leading computer scientist, now reveals AI's turbulent history and the recent spate of apparent successes, grand hopes, and emerging fears surrounding it. In *Artificial Intelligence*, Mitchell turns to the most urgent questions concerning AI today: How intelligent—really—are the best AI programs? How do they work? What can they actually do, and when do

they fail? How humanlike do we expect them to become, and how soon do we need to worry about them surpassing us? Along the way, she introduces the dominant models of modern AI and machine learning, describing cutting-edge AI programs, their human inventors, and the historical lines of thought underpinning recent achievements. She meets with fellow experts such as Douglas Hofstadter, the cognitive scientist and Pulitzer Prize-winning author of the modern classic *Gödel, Escher, Bach*, who explains why he is “terrified” about the future of AI. She explores the profound disconnect between the hype and the actual achievements in AI, providing a clear sense of what the field has accomplished and how much further it has to go. Interweaving stories about the science of AI and the people behind it, *Artificial Intelligence* brims with clear-sighted, captivating, and accessible accounts of the most interesting and provocative modern work in the field, flavored with Mitchell’s humor and personal observations. This frank, lively book is an indispensable guide to understanding today’s AI, its quest for “human-level” intelligence, and its impact on the future for us all.

Mathematics for Machine Learning

Filtering and system identification are powerful techniques for building models of complex systems. This 2007 book discusses the design of reliable numerical methods to retrieve missing information in models derived using these techniques. Emphasis is on the least squares approach as applied to the linear state-space model, and problems of increasing

complexity are analyzed and solved within this framework, starting with the Kalman filter and concluding with the estimation of a full model, noise statistics and state estimator directly from the data. Key background topics, including linear matrix algebra and linear system theory, are covered, followed by different estimation and identification methods in the state-space model. With end-of-chapter exercises, MATLAB simulations and numerous illustrations, this book will appeal to graduate students and researchers in electrical, mechanical and aerospace engineering. It is also useful for practitioners. Additional resources for this title, including solutions for instructors, are available online at www.cambridge.org/9780521875127.

EUSIDIC Database Guide

I find *Choosing Green* incredibly insightful and chock full of insider's experience. This is the kind of book that will help homebuyers cut to the chase and leap frog the poseurs towards legitimate green home living. I think *Choosing Green* would also be helpful to builders that are trying to green their business. Building green, as Yudelson discusses in the book, is the hottest trend in the building industry, but you have to know how to do so in the best, most effective way. So if you're looking for a thorough guide to good green homes, make sure to pick up a copy of *Choosing Green*. Reviewed by Preston D K, Jetson

Green Energy-efficient, non-toxic, healthy homes are the hottest trend in the building industry. Homebuilders are constructing green homes in

astounding numbers—nearly 200,000 in the United States alone in 2006. How does a home buyer who wants a green home know what to look for, what questions to ask a builder, which green home rating systems to trust, and what homes are on the market? Nationally recognized green-building expert Jerry Yudelson provides answers to some common areas of concern, including: Energy-efficient home features Water conservation fixtures Non-toxic finishes Green products Healthy indoor air Drawing from the expertise of dozens of homebuilders, government officials, and green home experts, *Choosing Green* deftly takes the reader through these considerations with easy-to-use tables, charts, maps, score sheets, and checklists. The book includes a glossary of green building terms, an extensive resource section, and a list of homebuilders, green rating programs, and financial incentives. This comprehensive book provides home buyers with every thing they will need to make a successful search for their own green home. Jerry Yudelson is the president of Yudelson Associates, green building consultants. He has trained over 3,000 people in the LEED green building rating system. He chairs Greenbuild, the world's largest green building conference, and has written six books on green building, including *Green Building A to Z* (New Society Publishers).

Cloud Atlas

Auto Repair For Dummies, 2nd Edition (9781119543619) was previously published as *Auto Repair For Dummies, 2nd Edition* (9780764599026).

While this version features a new Dummies cover and design, the content is the same as the prior release and should not be considered a new or updated product. The top-selling auto repair guide--400,000 copies sold--now extensively reorganized and updated. Forty-eight percent of U.S. households perform at least some automobile maintenance on their own, with women now accounting for one third of this \$34 billion automotive do-it-yourself market. For new or would-be do-it-yourself mechanics, this illustrated how-to guide has long been a must and now it's even better. A complete reorganization now puts relevant repair and maintenance information directly after each automotive system overview, making it much easier to find hands-on fix-it instructions. Author Deanna Sclar has updated systems and repair information throughout, eliminating discussions of carburetors and adding coverage of hybrid and alternative fuel vehicles. She's also revised schedules for tune-ups and oil changes, included driving tips that can save on maintenance and repair costs, and added new advice on troubleshooting problems and determining when to call in a professional mechanic. For anyone who wants to save money on car repairs and maintenance, this book is the place to start. Deanna Sclar (Long Beach, CA), an acclaimed auto repair expert and consumer advocate, has contributed to the Los Angeles Times and has been interviewed on the Today show, NBC Nightly News, and other television programs.

[ROMANCE](#) [ACTION & ADVENTURE](#) [MYSTERY & THRILLER](#) [BIOGRAPHIES & HISTORY](#) [CHILDREN'S](#) [YOUNG ADULT](#) [FANTASY](#) [HISTORICAL FICTION](#) [HORROR](#) [LITERARY FICTION](#) [NON-FICTION](#) [SCIENCE FICTION](#)