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HAYDEN MCKEE

Python for Scientists Sultan Chand & Sons
 Anda mungkin beruntung memiliki pekerjaan atau proyek mendatang dengan visi yang cemerlang. Namun, upaya mewujudkan visi ini sering kali tak mudah. Setiap hari Anda gampang sekali terjebak dalam berbagai hal: surel yang seolah tiada habisnya, tenggat yang molor, rapat-rapat sehabian yang menyita waktu, dan proyek jangka panjang yang hanya berdasarkan asumsi. Sudah waktunya Anda mencoba Sprint, sebuah metode untuk memecahkan masalah dan menguji ide-ide baru, menyelesaikan lebih banyak hal dengan efisien. Buku ini ditulis Jake Knapp, mantan Design Partner Google Ventures, untuk menuntun Anda merasakan pengalaman menerapkan metode yang telah mendunia ini. Sprint mewujudkan pengeksekusian ide besar hanya dalam lima hari. Menuntun tim Anda dengan checklist lengkap, mulai dari Senin hingga Jumat. Menjawab segala pertanyaan penting yang sering kali hanya disimpan di benak mereka yang sedang menguji ide/konsep/produk. Sprint juga membantu Anda lebih menikmati setiap proses. Anda bisa mengamati dan bergabung dengan ratusan dari pelaku Sprint di seluruh dunia melalui tagar #sprintweek di Twitter. Sebuah proyek besar terjadi pada 2009. Seorang insinyur Gmail bernama Peter Balsiger mencetuskan ide mengenai surel yang bisa teratur secara otomatis. Saya sangat tertarik dengan idenya—yang disebut “Kotak Masuk Prioritas”—dan merekrut insinyur lain, Annie Chen, untuk bergabung bersama kami. Annie setuju, tetapi dia hanya punya waktu sebulan untuk mengerjakannya. Kalau kami tidak bisa membuktikan bahwa ide itu bisa diterapkan dalam jangka waktu tersebut, Annie akan beralih ke proyek lainnya. Saya yakin waktunya tidak akan cukup, tetapi Annie adalah insinyur yang luar biasa. Jadi, saya memutuskan untuk menjalaninya saja. Kami membagi waktu sebulan itu ke dalam empat bagian yang masing-masing lamanya seminggu. Setiap pekan, kami menggarap desain baru. Annie dan Peter membuat purwarupa, lalu pada akhir minggu, kami menguji desain ini bersama beberapa ratus orang lainnya. Pada akhir bulan, kami menemukan solusi yang bisa dipahami dan diinginkan orang-orang. Annie tetap menjadi pemimpin untuk tim Kotak Masuk Prioritas. Dan entah bagaimana caranya, kami berhasil menyelesaikan tugas desainnya dalam waktu yang lebih singkat dari biasanya. Beberapa bulan kemudian, saya mengunjungi Serge Lachapelle dan Mikael Drugge, dua orang karyawan Google di Stockholm. Kami bertiga ingin menguji ide perangkat lunak untuk konferensi video yang bisa dijalankan lewat peramban. Karena saya berada di kota tersebut hanya selama beberapa hari, kami bekerja secepat mungkin. Pada penghujung kunjungan saya, kami berhasil menyelesaikan purwarupanya. Kami mengirimkannya ke rekan kerja kami lewat surel dan mulai menggunakannya dalam rapat. Dalam beberapa bulan, seluruh perusahaan sudah bisa menggunakannya. (Selanjutnya, versi yang sudah dipoles dan disempurnakan dari aplikasi berbasis web tersebut dikenal sebagai Google Hangouts.) Dalam kedua kasus tersebut, saya menyadari bahwa saya bekerja jauh lebih efektif ketimbang rutinitas kerja harian saya atau ketika mengikuti lokakarya diskusi sumbang saran. Apa yang membedakannya? Saya menimbang kembali lokakarya tim yang saya gagas sebelumnya. Bagaimana kalau saya memasukkan elemen ajaib lainnya—fokus pada kerja individu, waktu untuk membuat purwarupa, dan tenggat yang tak bisa ditawar? Saya lalu menyebutkan, “sprint” desain. Saya membuat jadwal kasar untuk sprint pertama saya: satu hari untuk berbagi informasi dan mereka ide, diikuti dengan empat hari pembuatan purwarupa. Sekali lagi, tim Google menyambut baik eksperimen ini. Saya memimpin sprint untuk mendesain Chrome, Google Search, Gmail, dan proyek-proyek lainnya. Ini sangat menarik. Sprint ini berhasil. Ide-ide diuji, dibangun, diluncurkan, dan yang terbaik, kebanyakan dari ide-ide ini berhasil diterapkan dalam dunia nyata. Proses sprint menyebar di seisi Google dari satu tim ke tim lain, dari satu kantor ke kantor lain. Seorang desainer dari Google X tertarik dengan metode ini, jadi dia menjalankan sprint

untuk sebuah tim di Google Ads. Anggota tim dalam sprint di Ads kemudian menyampaikannya kepada kolega mereka, dan begitu seterusnya. Dalam waktu singkat saya mendengar penerapan sprint dari orang-orang yang tidak saya kenal. Dalam perjalanannya, saya membuat beberapa kesalahan. Sprint pertama saya melibatkan empat puluh orang—jumlah yang sangat besar dan justru hampir menghambat sprint tersebut, bahkan sebelum dimulai. Saya menyesuaikan waktu yang diperlukan untuk mengembangkan ide dan pembuatan purwarupa. Saya jadi memahami mana yang terlalu cepat, terlalu lambat, hingga akhirnya menemukan yang waktu paling sesuai. Beberapa tahun kemudian, saya bertemu Bill Maris untuk membicarakan sprint. Bill adalah CEO Google Ventures, perusahaan modal ventura yang didirikan Google untuk berinvestasi pada startup-startup potensial. Dia adalah salah satu orang berpengaruh di Silicon Valley. Namun, Anda tidak akan menyangkanya dari pembawaannya yang santai. Pada sore itu, dia mengenakan pakaian khasnya, yaitu topi bisbol dan kaus dengan tulisan tentang Vermont. Bill tertarik untuk menjalankan sprint dengan startup dalam portofolio GV. Startup biasanya hanya memiliki satu kesempatan emas untuk mendesain sebuah produk yang sukses, sebelum akhirnya kehabisan dana. Sprint bisa membantu mencari tahu apakah startup-startup ini berada di jalur yang tepat sebelum akhirnya mereka bisa berkecimpung dalam tahapan yang lebih berisiko untuk membangun dan meluncurkan produk mereka. Dengan menjalankan sprint, mereka bisa mendapatkan sekaligus menghemat uang. Namun agar berhasil, saya harus menyesuaikan proses sprint ini. Saya sudah berpikir mengenai produktivitas individu dan tim selama beberapa tahun. Namun, saya hampir tidak tahu apa-apa mengenai startup dan kebutuhan bisnis mereka. Tetap saja, antusiasme Bill meyakinkan saya bahwa Google Ventures adalah tempat yang tepat untuk menerapkan sprint—sekaligus tempat yang tepat bagi saya. “Ini misi kita,” ujarnya, “untuk bisa menemukan entrepreneur terbaik di muka bumi dan membantu mereka membuat dunia ini menjadi tempat yang lebih baik.” Saya tentu tak bisa menolaknya. Di GV, saya bergabung dengan tiga rekan lain: Braden Kowitz, John Zeratsky, dan Michael Margolis. Bersama, kami mulai menjalankan sprint dengan startup-startup, bereksperimen dengan prosesnya, dan menguji hasilnya agar bisa menemukan cara untuk memperbaikinya. Ide-ide dalam buku ini lahir dari semua anggota tim kami. Braden Kowitz memasukkan desain berbasis cerita dalam proses sprint, sebuah pendekatan tak biasa yang berfokus pada pengalaman konsumen alih-alih komponen individu atau teknologi. John Zeratsky membantu kami memulai dari akhir sehingga tiap sprint bisa membantu menjawab berbagai pertanyaan bisnis paling penting. Braden dan John memiliki pengalaman dalam bisnis dan startup, hal yang tidak saya miliki, dan mereka menyesuaikan prosesnya untuk menciptakan fokus yang lebih baik dan keputusan yang lebih cerdas di tiap sprint. Michael Margolis mendorong kami untuk mengakhiri tiap sprint dengan pengujian di dunia nyata. Dia menjalankan riset konsumen, yang perencanaan dan pelaksanaannya bisa menghabiskan waktu berminggu-minggu, dan menemukan cara untuk mendapatkan hasil yang jelas hanya dalam sehari. Ini benar-benar sebuah keajaiban. Kami tidak perlu lagi menebak-nebak apakah solusi kami bagus atau tidak karena di akhir tiap sprint, kami mendapatkan jawabannya. Kemudian ada Daniel Burka, seorang entrepreneur yang mendirikan dua startup sebelum menjual salah satunya ke Google dan bergabung dengan GV. Saat kali pertama menjelaskan proses sprint kepadanya, dia skeptis. Baginya, sprint terdengar seperti serangkaian proses manajemen yang rumit. Namun, dia sepakat untuk mencoba salah satunya. “Dalam sprint pertama itu, kami memangkas prosesnya dan menciptakan sesuatu yang ambisius hanya dalam sepekan. Saya benar-benar jatuh hati.” Setelah kami berhasil meyakinkannya, pengalaman langsung Daniel sebagai seorang pendiri startup dan sikapnya yang tidak menoleransi omong kosong membantu kami menyempurnakan prosesnya. Sejak sprint pertama di GV pada 2012, kami telah beradaptasi dan bereksperimen. Mulanya kami mengira pembuatan purwarupa dan riset yang cepat hanya akan berhasil untuk produk berskala besar. Mampukah kami bergerak sama cepatnya jika konsumen kami adalah para ahli di berbagai bidang seperti kesehatan dan keuangan? Tanpa disangka, proses lima

hari ini bisa bertahan. Proses ini sesuai untuk semua jenis konsumen, mulai dari investor sampai petani, dari onkolog sampai pemilik bisnis skala kecil. Juga bagi situs web, aplikasi iPhone, laporan medis, hingga perangkat keras berteknologi tinggi. Tidak hanya untuk mengembangkan produk, kami juga menggunakan sprint untuk menentukan prioritas, strategi pemasaran, bahkan menamai perusahaan. Proses ini berulang-ulang menyatukan tim dan menjadikan ide-ide menjadi nyata. Selama beberapa tahun belakangan, tim kami mendapatkan beragam kesempatan untuk bereksperimen dan memvalidasi ide kami mengenai proses kerja. Kami menjalankan lebih dari seratus sprint bersama dengan startup-startup dalam portofolio GV. Kami bekerja bersama, sekaligus belajar dari para entrepreneur brilian seperti Anne Wojcicki (pendiri 23andMe), Ev Williams (pendiri Twitter, Blogger, dan Medium), serta Chad Hurley dan Steve Chen (pendiri YouTube). Pada awalnya, saya hanya ingin membuat hari-hari kerja saya efisien dan berkualitas. Saya ingin berfokus pada apa yang benar-benar penting dan menjadikan waktu saya berharga—bagi saya, tim, dan konsumen kami. Kini, lebih dari satu dekade kemudian, proses sprint secara konsisten telah membantu saya meraih mimpi tersebut. Dan saya sangat senang berbagi mengenai hal tersebut dengan Anda dalam buku ini. Dengan keberuntungan, Anda bisa memilih pekerjaan Anda karena visi yang tajam. Anda ingin berbagi visi tersebut kepada dunia, baik yang berupa pesan, layanan, maupun pengalaman, dengan perangkat lunak maupun keras, atau bahkan—sebagaimana dicontohkan dalam buku ini—sebuah cerita atau ide. Namun, mewujudkan visi ini tak mudah. Gampang sekali terjebak dalam berbagai hal: surel yang seolah tiada habisnya, tenggat yang molor, rapat-rapat sehabian yang menyita waktu Anda, dan proyek jangka panjang yang hanya berdasarkan asumsi. Prosesnya tidak harus selalu seperti ini. Sprint menawarkan jalur untuk memecahkan masalah-masalah besar, menguji ide-ide baru, menyelesaikan lebih banyak hal, dan melakukan semuanya dengan lebih cepat. Sprint juga membantu Anda lebih menikmati prosesnya. Dengan kata lain, Anda benar-benar harus mencobanya sendiri. Ayo kita mulai. —Jake Knapp San Francisco, Februari 2016 [Mizan, Bentang Pustaka, Manajemen, Ide, Kreatif, Inovasi, Motivasi, Dewasa, Indonesia] spesial seri bentang bisnis & startup

Surveying Solved Problems for the FS and PS Exams Corwin Press

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.

Statistical Power Analysis for the Behavioral Sciences Courier Corporation

The fundamentals and implementation of digital electronics are essential to understanding the design and working of consumer/industrial electronics, communications, embedded systems, computers, security and military equipment. Devices used in applications such as these are constantly decreasing in size and employing more complex technology. It is therefore essential for engineers and students to understand the fundamentals, implementation and application principles of digital electronics, devices and integrated circuits. This is so that they can use the most appropriate and effective technique to suit their technical need. This book provides practical and comprehensive coverage of digital electronics, bringing together information on fundamental theory, operational aspects and potential applications. With worked problems, examples, and review questions for each chapter, Digital Electronics includes: information on number systems, binary codes, digital arithmetic, logic gates and families, and Boolean algebra; an in-depth look at multiplexers, de-multiplexers, devices for arithmetic operations, flip-flops and related devices, counters and registers, and data conversion circuits; up-to-date coverage of recent application fields, such as programmable logic devices, microprocessors, microcontrollers, digital troubleshooting and digital instrumentation. A comprehensive, must-read book on digital electronics for senior undergraduate and graduate students of electrical, electronics and computer engineering, and a valuable reference book for professionals and researchers.

Practical SQL, 2nd Edition Cambridge University Press

Interested in the Genetic Algorithm? Simulated Annealing? Ant Colony Optimization? Essentials of Metaheuristics covers these and other metaheuristic algorithms, and is intended for undergraduate students, programmers, and non-experts. The book covers a wide range of algorithms, representations, selection and modification operators, and related topics, and includes 71 figures and 135 algorithms great and small. Algorithms include: Gradient Ascent techniques, Hill-Climbing variants, Simulated Annealing, Tabu Search variants, Iterated Local Search, Evolution Strategies, the Genetic Algorithm, the Steady-State Genetic Algorithm, Differential Evolution, Particle Swarm Optimization, Genetic Programming variants, One- and Two-Population Competitive Coevolution, N-Population Cooperative Coevolution, Implicit Fitness Sharing, Deterministic Crowding, NSGA-II, SPEA2, GRASP, Ant Colony Optimization variants, Guided Local Search, LEM, PBIL, UMDA, cGA, BOA, SAMUEL, ZCS, XCS, and XCSF.

Surveying Fundamentals No Starch Press

The authors provide clear examples and thorough explanations of every feature in the C language. They teach C vis-a-vis the UNIX operating system. A reference and tutorial to the C programming language. Annotation copyrighted by Book News, Inc., Portland, OR

RFID Handbook Cambridge University Press

Math in Society is a survey of contemporary mathematical topics, appropriate for a college-level topics course for liberal arts major, or as a general quantitative reasoning course. This book is an open textbook; it can be read free online at <http://www.opentextbookstore.com/mathinsociety/>. Editable versions of the chapters are available as well.

Numerical Methods for Conservation Laws New Age International

This is the third revised edition of the established and trusted RFID Handbook; the most comprehensive introduction to radio frequency identification (RFID) available. This essential new edition contains information on electronic product code (EPC) and the EPC global network, and explains near-field communication (NFC) in depth. It includes revisions on chapters devoted to the physical principles of RFID systems and microprocessors, and supplies up-to-date details on relevant standards and regulations. Taking into account critical modern concerns, this handbook provides the latest information on: the use of RFID in ticketing and electronic passports; the security of RFID systems, explaining attacks on RFID systems and other security matters, such as transponder emulation and cloning, defence using cryptographic methods, and electronic article surveillance; frequency ranges and radio licensing regulations. The text explores schematic circuits of simple transponders and readers, and includes new material on active and passive transponders, ISO/IEC 18000 family, ISO/IEC 15691 and 15692. It also describes the technical limits of RFID systems. A unique resource offering a complete overview of the large and varied world of RFID, Klaus Finkenzeller's volume is useful for end-users of the technology as well as practitioners in auto ID and IT designers of RFID products. Computer and electronics engineers in security system development,

microchip designers, and materials handling specialists benefit from this book, as do automation, industrial and transport engineers. Clear and thorough explanations also make this an excellent introduction to the topic for graduate level students in electronics and industrial engineering design. Klaus Finkenzeller was awarded the Fraunhofer-Smart Card Prize 2008 for the second edition of this publication, which was celebrated for being an outstanding contribution to the smart card field.

Planning Algorithms New Age International

Originally published in 1983, this book presents both the technical and political information necessary to evaluate the emerging threat to world security posed by recent advances in uranium enrichment technology. Uranium enrichment has played a relatively quiet but important role in the history of efforts by a number of nations to acquire nuclear weapons and by a number of others to prevent the proliferation of nuclear weapons. For many years the uranium enrichment industry was dominated by a single method, gaseous diffusion, which was technically complex, extremely capital-intensive, and highly inefficient in its use of energy. As long as this remained true, only the richest and most technically advanced nations could afford to pursue the enrichment route to weapon acquisition. But during the 1970s this situation changed dramatically. Several new and far more accessible enrichment techniques were developed, stimulated largely by the anticipation of a rapidly growing demand for enrichment services by the world-wide nuclear power industry. This proliferation of new techniques, coupled with the subsequent contraction of the commercial market for enriched uranium, has created a situation in which uranium enrichment technology might well become the most important contributor to further nuclear weapon proliferation. Some of the issues addressed in this book are: A technical analysis of the most important enrichment techniques in a form that is relevant to analysis of proliferation risks; A detailed projection of the world demand for uranium enrichment services; A summary and critique of present institutional non-proliferation arrangements in the world enrichment industry, and An identification of the states most likely to pursue the enrichment route to acquisition of nuclear weapons.

Surveying Public Affairs

A comprehensive and rigorous introduction for graduate students and researchers, with applications in sequential decision-making problems.

Surveying Fundamentals and Practices Cambridge University Press

The Book Provides A Lucid And Step-By-Step Treatment Of The Various Principles And Methods For Solving Problems In Land Surveying. Each Chapter Starts With Basic Concepts And Definitions, Then Solution Of Typical Field Problems And Ends With Objective Type Questions. The Book Explains Errors In Survey Measurements And Their Propagation. Survey Measurements Are Detailed Next. These Include Horizontal And Vertical Distance, Slope, Elevation, Angle, And Direction. Measurement Using Stadia Tacheometry And Edm Are Then Highlighted, Followed By Various Types Of Levelling Problems. Traversing Is Then Explained, Followed By A Detailed Discussion On Adjustment Of Survey Observations And Then Triangulation And Trilateration. A Detailed Discussion On Various Types Of Curves And Their Setting Out Is Followed By Calculation Of Areas And Volumes. The Last Chapter Includes Point Location And Setting Out Works In Civil Engineering Projects. Suitable Illustrations And Worked Out Examples Are Included Throughout The Book. Selected Practice Problems Are Given At The End Of The Book. The Book Would Serve As An Excellent Text For Degree And Diploma Students Of Civil Engineering. Amie Candidates And Practicing Engineers Would Also Find This Book Extremely Useful.

Surveying Fundamentals, Solutions Manual No Starch Press

The real challenge of programming isn't learning a language's syntax—it's learning to creatively solve problems so you can build something great. In this one-of-a-kind text, author V. Anton Spraul breaks down the ways that programmers solve problems and teaches you what other introductory books often ignore: how to Think Like a Programmer. Each chapter tackles a single programming concept, like classes, pointers, and recursion, and open-ended exercises throughout challenge you to apply your knowledge. You'll also learn how to: -Split problems into discrete components to make them easier to solve -Make the most of code reuse with functions, classes, and libraries -Pick the perfect data structure for a particular job -Master more advanced programming tools like recursion and dynamic memory -Organize your thoughts and develop strategies to tackle particular types of problems Although the book's examples are written in C++, the creative problem-solving concepts they illustrate go beyond any particular language; in fact, they often reach outside the realm of computer science. As the most skillful programmers know, writing great code is a creative art—and the first step in creating your masterpiece is learning to Think Like a Programmer.

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Surveying Fundamentals and Practices, Sixth Edition, covers up-to-date surveying technology without losing perspective of the need to provide students with a strong foundation in traditional surveying fundamentals. Through clear explanations and applied examples, the text presents the methods of measuring and computing distances, angles, and directions. It provides students with a firm grasp of modern equipment and office and field procedures related to horizontal control surveys, property surveys, topographic surveys, roadway curve calculations, and construction layout surveys. The sixth edition offers students a user-friendly text that they will be able to rely on as a meaningful learning tool in class and at home. Plus A companion student website, MyConstructionKit, is now available *MyConstructionKit is an online resource that offers a wealth of study tools to engage students for a variety of Pearson construction management, architecture, and civil engineering technology textbooks

1001 Solved Engineering Fundamentals Problems CRC Press

Accessible but rigorous, this outstanding text encompasses all of the topics covered by a typical course in elementary abstract algebra. Its easy-to-read treatment offers an intuitive approach, featuring informal discussions followed by thematically arranged exercises. This second edition features additional exercises to improve student familiarity with applications. 1990 edition.

Numerical Algorithms John Wiley & Sons

Social entrepreneurship and social innovation both seek to improve the world through social change. Whereas social entrepreneurship revolves around the business side of change, social innovation focuses on the processes through which that change is generated. This textbook provides a comprehensive analysis of both topics, covering all the characteristics and elements of social innovation and social entrepreneurship, from a conceptual and practical perspective. The book has four sections: 1) Basics and concepts of Social Innovation and Social Entrepreneurship; 2) Business models and generation of value in social enterprises; 3) Social innovation within traditional companies, and 4) Definition and alignment of the impact of social innovation and entrepreneurship. Students and any practitioners that want to know about social innovation or social entrepreneurship will be exposed to contemporary topics in the field as well as a variety of cases and tools for its development. With its learning objectives, reflective questions, the definition of key concepts, and exercises, this book is the definitive text for advanced undergraduate and graduate courses in social innovation and social entrepreneurship.

Uranium Enrichment and Nuclear Weapon Proliferation Routledge

Planning algorithms are impacting technical disciplines and industries around the world, including robotics, computer-aided design, manufacturing, computer graphics, aerospace applications, drug design, and protein folding. Written for computer scientists and engineers with interests in artificial

intelligence, robotics, or control theory, this is the only book on this topic that tightly integrates a vast body of literature from several fields into a coherent source for teaching and reference in a wide variety of applications. Difficult mathematical material is explained through hundreds of examples and illustrations.

Surveying Fundamentals and Practices Professional Publications Incorporated

Now in its second edition, this book focuses on practical algorithms for mining data from even the largest datasets.

Plane Surveying John Wiley & Sons

The Book Provides A Lucid And Step-By-Step Treatment Of The Various Principles, Methods And Instruments Involved In Land Surveying. Modern Methods And Techniques Are Emphasised Throughout The Text. After Presenting The Basic Concepts And Definitions, The Book Explains Errors In Survey Measurement And Their Propagation. Survey Measurements Are Detailed Next. These Include Horizontal And Vertical Distances, Slope, Elevation, Angle And Direction. Measurement Using Stadia Tacheometry Is Then Highlighted, Followed By Contouring And Uses Of Contours In Civil Engineering Projects. Traversing Is Then Explained, Followed By A Detailed Discussion Of Plotting Of Maps By Plane Tabling. The Use Of Tangent Clinometer In Plane Tabling Has Been Suitably Highlighted. The Book Then Explains The Calculation Of Areas And Volumes From The Survey Measurements. The Last Chapter Features Various Types Of Curves And Includes A Variety Of Field Problems In Setting Out The Curves. Suitable Diagrams, Illustrative Examples And Practice Problems Are Included Throughout The Book. The Book Would Serve As An Excellent Text For Degree And

Diploma Students Of Civil Engineering. Amie Candidates, And Practicing Engineers Would Also Find This Book Extremely Useful.

Surveying Fundamentals Springer

Here's a wide-ranging collection of practice problems typical of the FE exam in every respect. All exam topics are covered and SI units are used. These multiple-choice questions are conveniently arranged by subject--so you can work through just the areas where you need practice, or all 1001 problems. A full, step-by-step solution is provided for each problem.

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Problem-Solving Strategies Birkhäuser

Numerical Algorithms: Methods for Computer Vision, Machine Learning, and Graphics presents a new approach to numerical analysis for modern computer scientists. Using examples from a broad base of computational tasks, including data processing, computational photography, and animation, the textbook introduces numerical modeling and algorithmic design.

A Book on C Routledge

Statistical Power Analysis is a nontechnical guide to power analysis in research planning that provides users of applied statistics with the tools they need for more effective analysis. The Second Edition includes: * a chapter covering power analysis in set correlation and multivariate methods; * a chapter considering effect size, psychometric reliability, and the efficacy of "qualifying" dependent variables and; * expanded power and sample size tables for multiple regression/correlation.

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