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The most up-to-date and balanced biography of Barry Goldwater ever written draws on family papers and on interviews with Goldwater and with a wide range of his friends, family members, and colleagues to provide a fresh account of the private and public life of the man known as "Mr. Conservative". Photos.

In this marvelously funny, unsettling, subtle, and moving collection of stories the characters exist in the thick of everyday experience absent of epiphanies. The people are caught off-guard or cast adrift by personal impulses even while wide awake to their own imperfections. Each voice will win readers over completely and break hearts with each confused and conflicted decision that is made. Every story is beautifully controlled and provocatively alive to its own truth.

MEA Piano Studio - Pentascale Cheat SheetMEA Piano Studio

A New York City forensic pathologist and her Harvard-educated husband describe her experiences as a student and doctor throughout the events of September 11, the subsequent anthrax bio-terrorism attack and the disastrous crash of Flight 587.

"In the age of technology we have become disconnected at a cellular level. The time to reconnect to ourselves and each other is now!" Consciously Connecting is a step-by-step guide that will enlighten and give you the ability to further connect to your inner self. Learn to enrich your relationships with others, take action, and connect within the world around you--and most importantly, with yourself. Develop healthy emotional habits, and decrease stress and anxiety with your connectivity, which will give you the inspiration to lead a more productive and creative life. This adventure will be fun, and the exercises are easy. Engage in a weekly plan of action as you commit to be cognizant and walk away from life's disconnect and distractions. Unlock the secrets to Consciously Connecting as you choose to achieve your goals, embrace your strengths, and define your journey. Give yourself the gift of joy and happiness through connection and watch the possibilities happen.

The Tulsa Race Riot of 1921 was the worst civil disturbance since the Civil War. On May 21, 1921, a group of white Oklahomans attacked the prosperous African American community, called the Greenwood District or "the Black Wall Street" in Tulsa, OK over the alleged assault of a white woman by a black man. 24 hours later more than 800 people were admitted to local hospitals, 10,000 residents were homeless, and 35 city blocks were reduced to rubble. The monetary cost of the riot was later estimated to be 26 million dollars. This report examines the events leading up to the riot, the riot itself, and the consideration of reparations for the victims.

The free book "Fundamentals of Computer Programming with C#" is a comprehensive computer programming tutorial that teaches programming, logical thinking, data structures and algorithms, problem solving and high quality code with lots of examples in C#. It starts with the first steps in programming and software development like variables, data types, conditional statements, loops and arrays and continues with other basic topics like methods, numeral systems, strings and string processing, exceptions, classes and objects. After the basics this fundamental programming book enters into more advanced programming topics like recursion, data structures (lists, trees, hash-tables and graphs), high-quality code, unit testing and refactoring, object-oriented principles (inheritance, abstraction, encapsulation and polymorphism) and their

implementation the C# language. It also covers fundamental topics that each good developer should know like algorithm design, complexity of algorithms and problem solving. The book uses C# language and Visual Studio to illustrate the programming concepts and explains some C# / .NET specific technologies like lambda expressions, extension methods and LINQ. The book is written by a team of developers lead by Svetlin Nakov who has 20+ years practical software development experience. It teaches the major programming concepts and way of thinking needed to become a good software engineer and the C# language in the meantime. It is a great start for anyone who wants to become a skillful software engineer. The books does not teach technologies like databases, mobile and web development, but shows the true way to master the basics of programming regardless of the languages, technologies and tools. It is good for beginners and intermediate developers who want to put a solid base for a successful career in the software engineering industry. The book is accompanied by free video lessons, presentation slides and mind maps, as well as hundreds of exercises and live examples. Download the free C# programming book, videos, presentations and other resources from http://introprogramming.info. Title: Fundamentals of Computer Programming with C# (The Bulgarian C# Programming Book) ISBN: 9789544007737 ISBN-13: 978-954-400-773-7 (9789544007737) ISBN-10: 954-400-773-3 (9544007733) Author: Svetlin Nakov & Co. Pages: 1132 Language: English Published: Sofia, 2013 Publisher: Faber Publishing, Bulgaria Web site: http://www.introprogramming.info License: CC-Attribution-Share-Alike Tags: free, programming, book, computer programming, programming fundamentals, ebook, book programming, C#, CSharp, C# book, tutorial, C# tutorial; programming concepts, programming fundamentals, compiler, Visual Studio, .NET, .NET Framework, data types, variables, expressions, statements, console, conditional statements, control-flow logic, loops, arrays, numeral systems, methods, strings, text processing, StringBuilder, exceptions, exception handling, stack trace, streams, files, text files, linear data structures, list, linked list, stack, queue, tree, balanced tree, graph, depth-first search, DFS, breadth-first search, BFS, dictionaries, hash tables, associative arrays, sets, algorithms, sorting algorithm, searching algorithms, recursion, combinatorial algorithms, algorithm complexity, OOP, object-oriented programming, classes, objects, constructors, fields, properties, static members, abstraction, interfaces, encapsulation, inheritance, virtual methods, polymorphism, cohesion, coupling, enumerations, generics, namespaces, UML, design patterns, extension methods, anonymous types, lambda expressions, LINQ, code quality, high-quality code, high-quality classes, high-quality methods, code formatting, self-documenting code, code refactoring, problem solving, problem solving methodology, 9789544007737, 9544007733
In a monumental history of WWI, Germany's leading historian of the first great 20th-century catastrophe explains the war's origins and course, revealing how profoundly it shaped the world to come. Jörn Leonhard treats the clash of arms with a sure feel for grand strategy, the tactics of arms and attrition, and the grim fate of frontline soldiers. George Stubbs is one of the greatest of British eighteenth-century painters, with a deep and unaffected sympathy for country life and the English countryside. This fully illustrated book outlines his career, followed by a catalogue raisonne (the first since Sir Walter Gilbey's short listing of 1898) of all his known works. One of the stickiest labels in the history of British art attached itself to Stubbs as 'Mr Stubbs the horse painter'.

Over half of his paintings were of horses, each founded on the pioneering observations assembled (in 1766) in his book The Anatomy of the Horse; but Stubbs's wide-ranging subjects included portraits, conversation pieces and paintings of exotic animals from the Zebra to the Rhinoceros, as well as an extraordinarily sympathetic series of portraits of dogs.

Seeking the Truth from Mobile Evidence: Basic Fundamentals, Intermediate and Advanced Overview of Current Mobile Forensic Investigations will assist those who have never collected mobile evidence and augment the work of professionals who are not currently performing advanced destructive techniques. This book is intended for any professional that is interested in pursuing work that involves mobile forensics, and is designed around the outcomes of criminal investigations that involve mobile digital evidence. Author John Bair brings to life the techniques and concepts that can assist those in the private or corporate sector. Mobile devices have always been very dynamic in nature. They have also become an integral part of our lives, and often times, a digital representation of where we are, who we communicate with and what we document around us. Because they constantly change features, allow user enabled security, and or encryption, those employed with extracting user data are often overwhelmed with the process. This book presents a complete guide to mobile device forensics, written in an easy to understand format. Provides readers with basic, intermediate, and advanced mobile forensic concepts and methodology Thirty overall chapters which include such topics as, preventing evidence contamination, triaging devices, troubleshooting, report writing, physical memory and encoding, date and time stamps, decoding Multi-Media-Messages, decoding unsupported application data, advanced validation, water damaged phones, Joint Test Action Group (JTAG), Thermal and Non-Thermal chip removal, BGA cleaning and imaging, In-System-Programming (ISP), and more Popular JTAG boxes – Z3X and RIFF/RIFF2 are expanded on in detail Readers have access to the companion guide which includes additional image examples, and other useful materials

London 1996: Alexander McQueen took over the Hawksmoor masterpiece Christ Church in London's East End for what was quite possibly the greatest fashion show on Earth. A candle-lit, cruciform catwalk with a backdrop of stained-glass windows set the tone for an extraordinary collection. Lace sat against chiffon and rubbed shoulders with couture and club-culture clothing and digital print. Dante was the seminal collection that would resonate throughout Alexander McQueen's career. This book features unique photographs shot behind the scenes, with raw, unseen pictures of the designer, models and clothes. The fashion creatives who worked with McQueen to make the show such a success recall this pivotal time in the designer's career and reflect on what made Dante truly groundbreaking. Newly created imagery of clothes shown on the catwalk gives an insight into why this collection was so special.

This book is intended for classroom teaching in architectural and civil engineering at the graduate and undergraduate levels. Although it has been developed from lecture notes given in structural steel design, it can be useful to practicing engineers. Many of the examples presented in this book are drawn from the field of design of structures. Design of Steel Structures can be used for one or two semesters of three hours each on the undergraduate level. For a two-semester curriculum, Chapters 1 through 8 can be used during the first semester. Heavy emphasis should be placed on Chapters 1

through 5, giving the student a brief exposure to the consideration of wind and earthquakes in the design of buildings. With the new federal requirements vis a vis wind and earthquake hazards, it is beneficial to the student to have some under standing of the underlying concepts in this field. In addition to the class lectures, the instructor should require the student to submit a term project that includes the complete structural design of a multi-story building using standard design procedures as specified by AISC Specifications. Thus, the use of the AISC Steel Construction Manual is a must in teaching this course. In the second semester, Chapters 9 through 13 should be covered. At the undergraduate level, Chapters 11 through 13 should be used on a limited basis, leaving the student more time to concentrate on composite construction and built-up girders.

From assassinations to student riots, this is "a splendidly evocative account of a historic year—a year of tumult, of trauma, and of tragedy" (Arthur Schlesinger Jr.). In the United States, the 1960s were a period of unprecedented change and upheaval—but the year 1968 in particular stands out as a dramatic turning point. Americans witnessed the Tet offensive in Vietnam; the shocking assassinations of Martin Luther King Jr. and Robert Kennedy; and the chaos at the Democratic National Convention in Chicago. At the same time, a young generation was questioning authority like never before—and popular culture, especially music, was being revolutionized. Largely based on unpublished interviews and documents—including in-depth conversations with Eugene McCarthy and Bob Dylan, among many others, and the late Theodore White's archives, to which the author had sole access—1968 in America is a fascinating social history, and the definitive study of a year when nothing could be taken for granted. "Kaiser aims to convey not only what happened during the period but what it felt like at the time. Affecting touches bring back powerful memories, including strong accounts of the impact of the Tet offensive and of the frenzy aroused by Bobby Kennedy's race for the presidency." —The New York Times Book Review

A classic problem in mathematics is solving systems of polynomial equations in several unknowns. Today, polynomial models are ubiquitous and widely used across the sciences. They arise in robotics, coding theory, optimization, mathematical biology, computer vision, game theory, statistics, and numerous other areas. This book furnishes a bridge across mathematical disciplines and exposes many facets of systems of polynomial equations. It covers a wide spectrum of mathematical techniques and algorithms, both symbolic and numerical.The set of solutions to a system of polynomial equations is an algebraic variety - the basic object of algebraic geometry. The algorithmic study of algebraic varieties is the central theme of computational algebraic geometry. Exciting recent developments in computer software for geometric calculations have revolutionized the field. Formerly inaccessible problems are now tractable, providing fertile ground for experimentation and conjecture. The first half of the book gives a snapshot of the state of the art of the topic. Familiar themes are covered in the first five chapters, including polynomials in one variable, Grobner bases of zero-dimensional ideals, Newton polytopes and Bernstein's Theorem, multidimensional resultants, and primary decomposition.The second half of the book explores polynomial equations from a variety of novel and unexpected angles. It introduces interdisciplinary connections, discusses highlights of current research, and outlines possible future algorithms. Topics include computation of Nash equilibria in

game theory, semidefinite programming and the real Nullstellensatz, the algebraic geometry of statistical models, the piecewise-linear geometry of valuations and amoebas, and the Ehrenpreis-Palamodov theorem on linear partial differential equations with constant coefficients.Throughout the text, there are many hands-on examples and exercises, including short but complete sessions in MapleR, MATLABR, Macaulay 2, Singular, PHCpack, CoCoA, and SOSTools software. These examples will be particularly useful for readers with no background in algebraic geometry or commutative algebra. Within minutes, readers can learn how to type in polynomial equations and actually see some meaningful results on their computer screens. Prerequisites include basic abstract and computational algebra. The book is designed as a text for a graduate course in computational algebra.

* Totaling 900 pages and covering all of the topics important to new and intermediate users, Beginning Python is intended to be the most comprehensive book on the Python ever written. * The 15 sample projects in Beginning Python are attractive to novice programmers interested in learning by creating applications of timely interest, such as a P2P file-sharing application, Web-based bulletin-board, and an arcade game similar to the classic Space Invaders. * The author Magnus Lie Hetland, PhD, is author of Apress' well-received 2002 title, Practical Python, ISBN: 1-59059-006-6. He's also author of the popular online guide, Instant Python Hacking (http://www.hetland.org), from which both Practical Python and Beginning Python are based.

Discover the tools and techniques of mobile forensic investigations and make sure your mobile autopsy doesn't miss a thing, all through powerful practical recipes About This Book Acquire in-depth knowledge of mobile device acquisition using modern forensic tools Understand the importance of clouds for mobile forensics and learn how to extract data from them Discover advanced data extraction techniques that will help you to solve forensic tasks and challenges Who This Book Is For This book is aimed at practicing digital forensics analysts and information security professionals familiar with performing basic forensic investigations on mobile device operating systems namely Android, iOS, Windows, and Blackberry. It's also for those who need to broaden their skillset by adding more data extraction and recovery techniques. What You Will Learn Retrieve mobile data using modern forensic tools Work with Oxygen Forensics for Android devices acquisition Perform a deep dive analysis of iOS, Android, Windows, and BlackBerry Phone file systems Understand the importance of cloud in mobile forensics and extract data from the cloud using different tools Learn the application of SQLite and Plists Forensics and parse data with digital forensics tools Perform forensic investigation on iOS, Android, Windows, and BlackBerry mobile devices Extract data both from working and damaged mobile devices using JTAG and Chip-off Techniques In Detail Considering the emerging use of mobile phones, there is a growing need for mobile forensics. Mobile forensics focuses specifically on performing forensic examinations of mobile devices, which involves extracting, recovering and analyzing data for the purposes of information security, criminal and civil investigations, and internal investigations. Mobile Forensics Cookbook starts by explaining SIM cards acquisition and analysis using modern forensics tools. You will discover the different software solutions that enable digital forensic examiners to quickly and easily acquire forensic images. You will also learn about forensics analysis and acquisition on Android, iOS, Windows Mobile, and BlackBerry devices. Next, you will understand the

importance of cloud computing in the world of mobile forensics and understand different techniques available to extract data from the cloud. Going through the fundamentals of SQLite and Plists Forensics, you will learn how to extract forensic artifacts from these sources with appropriate tools. By the end of this book, you will be well versed with the advanced mobile forensics techniques that will help you perform the complete forensic acquisition and analysis of user data stored in different devices. Style and approach This book delivers a series of extra techniques and methods for extracting and analyzing data from your Android, iOS, Windows, and Blackberry devices. Using practical recipes, you will be introduced to a lot of modern forensics tools for performing effective mobile forensics.

Rebel, Jester, Mystic, Poet tells the story of the evolution of Iranian contemporary art by examining the work of 30 artists. This is art where the ills of internal politics remain astutely masked below a layer of ornamentation, poetry, or humor. What unites the disparate works into a coherent theme is the artists' coping mechanisms, which consist of subversive critique, quiet rebellion, humor, mysticism, and poetry--hence the publications title. The subtitle Contemporary Persians is also a reference to a strategy of survival, this one used by Iranians in the United States during the early 2000s; at a time when 'Iranians' were identified with hostage takers and terrorists, they adopted the identity 'Persians', which remained free of such associations. This title collects the work of a number of artists who are already well-known in the United States, including among others Afruz Amighi, whose work is in the permanent collection of the Metropolitan Museum of Art in New York and Monir Farmanfarmaian, who received a major exhibition at the Guggenheim Museum in 2015.

"It's Moosewood's world. We're just eating in it." —Christine Muhlke, The New York Times The creators of America's beloved natural foods restaurant, Moosewood, are back with The Moosewood Restaurant Table, their new book with over 250 brand new, never-before-published recipes. With the restaurant now in its fifth decade, the Moosewood chefs continue to remain faithful to the farm-to-table philosophy that has governed the restaurant since its founding, while also keeping an eye on today's gastro-trends. As they say "We've gotten to know our customers and readers pretty well... their curiosity and culinary IQ have grown exponentially...We've been on some adventures developing this book..." Indeed, they have, working with some less common fruits and vegetables that you might find in your CSA, like Romanesco broccoli and watermelon radishes. They've begun cooking with a wider variety of grains like freekeh and millet. All this experimentation has led them to some great new recipes: Two Potato Tomato Curry Cashew-Crusted Chickpea Burgers Cuban Picadillo with Tofu Pot Pies for Autumn Winter and Spring Butternut Latkes Jamaican Jerk Tempeh Patties and plenty more. Of course, a Moosewood cookbook wouldn't be complete without desserts like Turkish Coffee Brownies, Orange Pistachio Cornmeal Cake or Cherry Tomato Upside Down Cake to mention just a few. Including a healthy number of both vegan and gluten-free recipes, The Moosewood Restaurant Table is the next classic from the restaurant that revolutionized natural eating in the US.

Politicians of every stripe frequently invoke the Marshall Plan in support of programs aimed at using American wealth to extend the nation's power and influence, solve intractable third-world economic problems, and combat world hunger and disease. Do any of these impassioned advocates understand why the Marshall Plan succeeded

where so many subsequent aid plans have not? Historian Nicolaus Mills explores the Marshall Plan in all its dimensions to provide valuable lessons from the past about what America can and cannot do as a superpower.

Support for people suffering from alopecia, a condition that causes hair loss

This textbook teaches introductory data structures.

Partial Differential Equations presents a balanced and comprehensive introduction to the concepts and techniques required to solve problems containing unknown functions of multiple variables. While focusing on the three most classical partial differential equations (PDEs)—the wave, heat, and Laplace equations—this detailed text also presents a broad practical perspective that merges mathematical concepts with real-world application in diverse areas including molecular structure, photon and electron interactions, radiation of electromagnetic waves, vibrations of a solid, and many more. Rigorous pedagogical tools aid in student comprehension; advanced topics are introduced frequently, with minimal technical jargon, and a wealth of exercises reinforce vital skills and invite additional self-study. Topics are presented in a logical progression, with major concepts such as wave propagation, heat and diffusion, electrostatics, and quantum mechanics placed in contexts familiar to students of various fields in science and engineering. By understanding the properties and applications of PDEs, students will be equipped to better analyze and interpret central processes of the natural world.

The war is over. Japan is defeated. As his country rebuilds, a young man must fight disease and rebuild his life. He will start at a peculiar sanatorium, where everyone gets a nickname, and where he is surrounded by an odd assortment of patients and caregivers.

Visual guide to help beginning piano students learn the five finger pentascales.

Revisits the largely forgotten story of how the McGovern campaign represented the zenith of sixties-style liberalism, and how its historic defeat still haunts Democrats to this day--and in the process identifies what Democrats must do before they can reassume their role as agents of progressive change.

This is a short, focused introduction to MATLAB, a comprehensive software system for mathematical and technical computing. It contains concise explanations of essential MATLAB commands, as well as easily understood instructions for using MATLAB's programming features, graphical capabilities, simulation models, and rich desktop interface. Written for MATLAB 7, it can also be used with earlier (and later) versions of MATLAB. This book teaches how to graph functions, solve equations, manipulate images, and much more. It contains explicit instructions for using MATLAB's companion software, Simulink, which allows graphical models to be built for dynamical systems. MATLAB's new "publish" feature is discussed, which allows mathematical computations to be combined with text and graphics, to produce polished, integrated, interactive documents. For the beginner it explains everything needed to start using MATLAB, while experienced users making the switch to MATLAB 7 from an earlier version will also find much useful information here.

The Keys To Superior Painting Can Be Yours! These are the brushstrokes with which great oil paintings are created. They give you the power to convey

everything from realistic light and shadow to dynamic mood and tension. Mark Christopher Weber shows you how to mix and load paint, shape your brush and apply a variety of intriguing strokes in nine easy-to-follow demonstrations. Special icons appear throughout the book to indicate which brush to use for each technique and when. It couldn't be any easier.

The open source nature of the platform has not only established a new direction for the industry, but enables a developer or forensic analyst to understand the device at the most fundamental level. Android Forensics covers an open source mobile device platform based on the Linux 2.6 kernel and managed by the Open Handset Alliance. The Android platform is a major source of digital forensic investigation and analysis. This book provides a thorough review of the Android platform including supported hardware devices, the structure of the Android development project and implementation of core services (wireless communication, data storage and other low-level functions). Finally, it will focus on teaching readers how to apply actual forensic techniques to recover data. Ability to forensically acquire Android devices using the techniques outlined in the book Detailed information about Android applications needed for forensics investigations Important information about SQLite, a file based structured data storage relevant for both Android and many other platforms.

This book constitutes the refereed proceedings of the Third International Workshop on Coding and Cryptology, IWCC 2011, held in Qingdao, China, May 30-June 3, 2011. The 19 revised full technical papers are contributed by the invited speakers of the workshop. The papers were carefully reviewed and cover a broad range of foundational and methodological as well as applicative issues in coding and cryptology, as well as related areas such as combinatorics.

Includes: Elements of the problem. Theory of propagation in a horizontally stratified atmosphere. Meteorology of the retraction problem. Experimental studies of refraction. Reflections from the earth's surface. Radar targets and echoes. Meteorological echoes. Atmosphere attenuation.

Presenting simple yet highly effective methods for coping and healing, this book provides answers and relief to parents trying to deal with the loss of a child. It offers 100 practical, action-oriented tips for embracing grief, such as writing a letter to the child who has died; spending time with others who will listen to stories of grief; creating a memory book, box, or Web site; and remembering others who may still be struggling with the death. The guide also addresses common problems for grieving parents, including dealing with marital stress, helping surviving siblings, dealing with hurtful advice, and exploring feelings of guilt. This compassionate resource will aid parents who have been through the death of a child—whether the passing happened recently or many years ago, whether the child was young or an adult.

With sensitivity and insight, this series offers suggestions for healing activities that can help survivors learn to express their grief and mourn naturally. Acknowledging that death is a painful, ongoing part of life, they explain how

people need to slow down, turn inward, embrace their feelings of loss, and seek and accept support when a loved one dies. Each book, geared for mourning adults, teens, or children, provides ideas and action-oriented tips that teach the basic principles of grief and healing. These ideas and activities are aimed at reducing the confusion, anxiety, and huge personal void so that the living can begin their lives again. Included in the books for teens and kids are age-appropriate activities that teach younger people that their thoughts are not only normal but necessary.

In Purifying the Land of the Pure, Farahnaz Ispahani analyzes Pakistan's policies towards its religious minority populations, both Muslim and non-Muslim, since independence in 1947. Research on human beings saves countless lives, but has at times harmed the participants. To what degree then should government regulate science, and how? The horrors of Nazi concentration camp experiments and the egregious Tuskegee syphilis study led the US government, in 1974, to establish Research Ethics Committees, known as Institutional Review Boards (IRBs) to oversee research on humans. The US now has over 4,000 IRBs, which examine yearly tens of billions of dollars of research -- all studies on people involving diseases, from cancer to autism, and behavior. Yet ethical violations persist. At the same time, critics have increasingly attacked these committees for delaying or blocking important studies. Partly, science is changing, and the current system has not kept up. Since the regulations were first conceived 40 years ago, research has burgeoned 30-fold. Studies often now include not a single university, but multiple institutions, and 40 separate IRBs thus need to approve a single project. One committee might approve a study quickly, while others require major changes, altering the scientific design, and making the comparison of data between sites difficult. Crucial dilemmas thus emerge of whether the current system should be changed, and if so, how. Yet we must first understand the status quo to know how to improve it. Unfortunately, these committees operate behind closed doors, and have received relatively little in-depth investigation. Robert Klitzman thus interviewed 45 IRB leaders and members about how they make decisions. What he heard consistently surprised him. This book reveals what Klitzman learned, providing rare glimpses into the conflicts and complexities these individuals face, defining science, assessing possible future risks and benefits of studies, and deciding how much to trust researchers -- illuminating, more broadly, how we view and interpret ethics in our lives today, and perceive and use power. These committees reflect many of the most vital tensions of our time - concerning science and human values, individual freedom, government control, and industry greed. Ultimately, as patients, scientists, or subjects, the decisions of these men and women affect us all.

"Sloane Jacobsen is the most powerful trend forecaster in the world ... and global fashion, lifestyle, and tech companies pay to hear her opinions about the future. Her recent forecasts on the family are unwavering: the world is overpopulated, and with unemployment, college costs, and food prices all on the rise, having children is an extravagant indulgence. So it's no surprise when the tech giant Mammoth hires Sloane to lead their groundbreaking annual conference, celebrating the voluntarily childless. But not far into her contract, Sloane begins to sense the undeniable signs of a movement against electronics that will see people embracing compassion, empathy, and 'in-personism' again"--

Build and deploy scalable cloud native microservices using the Spring framework and Kubernetes. KEY FEATURES ? Complete coverage on how to design, build, run, and deploy modern cloud native microservices. ? Includes numerous sample code exercises on microservices, Spring and Kubernetes. ? Develop a stronghold on Kubernetes, Spring, and the microservices architecture. ? Complete guide of application containerization on Kubernetes containers. ? Coverage on managing modern applications and infrastructure using

observability tools. DESCRIPTION The main objective of this book is to give an overview of cloud native microservices, their architecture, design patterns, best practices, real use cases and practical coverage of modern applications. This book covers a strong understanding of the fundamentals of microservices, API first approach, Testing, observability, API Gateway, Service Mesh and Kubernetes alternatives of Spring Cloud. This book covers the implementation of various design patterns of developing cloud native microservices using Spring framework docker and Kubernetes libraries. It covers containerization concepts and hands-on lab exercises like how to build, run and manage microservices applications using Kubernetes. After reading this book, the readers will have a holistic understanding of building, running, and managing cloud native microservices applications on Kubernetes containers. WHAT YOU WILL LEARN ? Learn fundamentals of microservice and design patterns. ? Learn microservices development using Spring Boot and Kubernetes. ? Learn to develop reactive, event-driven, and batch microservices. ? Perform end-to-end microservices testing using Cucumber. ? Implement API gateway,authentication & authorization,load balancing, caching, rate limiting. ? Learn observability and monitoring techniques of microservices. WHO THIS BOOK IS FOR This book is for the Spring Developers, Microservice Developers, Cloud Engineers, DevOps Consultants, Technical Architect and Solution Architects, who have some familiarity with application development, Docker and Kubernetes containers. TABLE OF CONTENTS 1. Overview of Cloud Native microservices 2. Microservice design patterns 3. API first approach 4. Build microservices using the Spring Framework 5. Batch microservices 6. Build reactive and event-driven microservices 7. The API gateway, security, and distributed caching with Redis 8. Microservices testing and API mocking 9. Microservices observability 10. Containers and Kubernetes overview and architecture 11. Run microservices on Kubernetes 12. Service Mesh and Kubernetes alternatives of Spring Cloud

This book presents recent results in robot motion and control. Twenty papers presented at the Fourth International Workshop on Robot Motion and Control held in 2004 have been expanded. The authors of these papers were carefully selected and represent leading institutions in this field. The book covers nonlinear control of nonholonomic systems and legged robots as well as trajectory planning for these systems, topics not covered in previous books.

Pub Dogs of London is a beautiful, charming coffee-table book of photographic portraits of the many and varied canine regulars of London's inimitable public houses. With a range of famous breeds as well as the expected scruffy mongrels, and with biographical profiles of each pub-visiting pooch, this is the must-have record of the capital's world-famous demi-monde. The book also includes some occasional humorous verse inspired by the images from poet Graham Fulton.

This book, based on Pólya's method of problem solving, aids students in their transition to higher-level mathematics. It begins by providing a great deal of guidance on how to approach definitions, examples, and theorems in mathematics and ends by providing projects for independent study. Students will follow Pólya's four step process: learn to understand the problem; devise a plan to solve the problem; carry out that plan; and look back and check what the results told them.

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