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~~C# Tutorial - Full Course for Beginners 15 MIN BOOTY WORKOUT, LOW IMPACT - knee friendly, no squats, no jumps / No Equipment | Pamela Reif 10 MIN FULL BODY WORKOUT - Beginner Friendly, with breaks // No Equipment | Pamela Reif~~
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~~2 in 1 - FLAT BELLY /u0026 ROUND BOOTY WORKOUT // No Equipment | Pamela Reif 15 MIN SIXPACK WORKOUT - intense ab workout / No Equipment | Pamela Reif 10 MIN BEST OF HIIT - a compilation of the best parts of my HIIT workouts - INTENSE | Pamela Reif Get Abs in 2 WEEKS | Abs Workout Challenge Book Creator for Windows 10 MIN BOOTY BURN // No Equipment | Pamela Reif Bloomberg Terminal (Part 1) - Quick Introduction to Basic Functions Allemande by Petrus Phalesius 5 Ways To Hack A Password (Beginner Friendly) Book recommendations - Novels about science Why the C language sucks so much; while fixing some warnings! Learn German for Beginners Complete A1 German Course with Herr Antrim~~
Algorithmik F R Einsteiger F

In a once unimagined accomplishment, electrodes implanted in the man ' s brain transmit signals to a computer that displays his words.

Tapping Into the Brain to Help a Paralyzed Man Speak

AGILE Risk Partners, the specialist technology-focused direct & facultative (D&F) property risk underwriting start-up with an eye on the capital ...

AGILE Risk Partners completes first two D&F ILS transactions

One Wisconsin Republican wants to see the algorithm that decides what gets posted to Facebook and Twitter., R-Franklin, told News Talk 1130 WISN ' s Jay Weber that he wants to know how and why big tech ...

Wisconsin lawmaker wants to ban social media censorship, force tech transparency

The assessment of real-world effectiveness of immunomodulatory medications for multisystem inflammatory syndrome in children (MIS-C) may guide therapy. We analyzed surveillance data on inpatients ...

Multisystem Inflammatory Syndrome in Children — Initial Therapy and Outcomes

This web-based platform offers fully automated trading and investing algorithmic models. Rain Trader allows users to experience a hassle-free, fully automated, algorithmic trading experience.

Rain Tech launches algo trade platform

In recent years, the Air Force has already succeeded in engineering a two-way connectivity exchange between F-35 jets and F-22 ... This kind of advanced algorithm-enabled computing at the ...

The F-35 and F-22 Can Now Speak the Same Language in Stealth Mode

The following telephone arguments will be available to the public live. Access information will be available by 9 AM ET each day of argument at: ...

Spotlight on Upcoming Oral Arguments – July 2021

The Democratic Party of the 21st century is at its very core welfarist and anti-national. The GOP at its core should be anti-welfarist and nationalist. ” ...

Where Are American Conservatives Headed?

A swarm of tiny drones rapidly sniffs out the source of a chemical leak, tracing it back to its source without human assistance, in the first demonstration of its kind.

Watch This Autonomous Microdrone Swarm Sniff Out A Gas Leak

We did a simple roll-out, and I f--king dropped it. The YouTube algorithm picked it up at 150k ... the singer recently dropped “ Ricky Bobby, ” “ F.R.A., ” “ That's On You, ” and most ...

One To Watch: Rei Ami Explains How a Music Video That Cost \$50 Changed Her Career

SpectraLIT is a portable spectrophotometry-based testing platform which is powered by machine learning and artificial intelligence to detect COVID-19 by using an individual ' s nasal or mouthwash sample ...

MediCircle Health introduces instant COVID-19 testing platform SpectraLIT in Indian market

RSIP Vision, a clinically proven leader in real-world AI solutions for medical image analysis, announced today a new articular cartilage segmentation tool that delivers accurate, ...

RSIP Vision Announces New Tool for Sports Medicine Applications, Enabling Automated Assessment of Cartilage Damage

According to the new market research report "Smart Appliances Market with COVID-19 Impact Analysis by Offering, Products (Smart Washer, Smart A.C, Smart Dryer, Smart ...

Smart Appliances Market worth \$76.4 billion by 2026 - Exclusive Report by
MarketsandMarkets™

Gerrard fed hundreds of video clips of ballet dancers into a software program in order to train
an algorithm to develop ... including Dara Birnbaum, R. Luke DuBois, Carla Gannis, and an ...

Get me on your wavelength: Art Vault explores patterns in nature and human behavior
Anne-Marie Croteau is dean of John Molson School of Business at Concordia University and
full professor of business technology management. Since 2000, Dr. Croteau gained many
years of administrative ...

Anne-Marie Croteau, PhD

Callahan R., Riebe C., Pasquet S., Ferrier K., Grana D., Sklar L., Taylor N., Flinchum B., Hayes J.,
B. Carr B., Hartsough P., Green A., and Holbrook S., 2020 ...

Dr. Dario Grana

Andreessen had been booked on “ Charlie Rose ” thanks to Margit Wennmachers, the co-
founder of an influential Silicon Valley P.R. shop called ... and a revamp of the F.D.A., so that it
is ...

Does Tech Need a New Narrative?

Voices for Change is PEOPLE's editorial series committed to elevating and amplifying the
stories of celebrities and everyday people alike who are dedicated to making change and
uplifting others in the ...

Wer ein GPS benutzt oder einen Routenplaner befragt, profitiert von einem Algorithmus. Wer
sich von einem medizinischen Roboter operieren lässt oder beim Onlinebanking auf sicheren
Datentransfer hofft, vertraut auf Algorithmen. Algorithmen und die ausführenden Computer
bestimmen und beeinflussen unser heutiges Leben in starkem Maße. Im Zentrum dieses
Buches steht die Frage, was ein Algorithmus ist, was Algorithmen können und was nicht. Der
Leser, die Leserin erfährt, was genau ein Algorithmus ist, und hat die Möglichkeit, aus
zahlreichen historisch wichtigen oder aktuellen Beispielen von Algorithmen auszuwählen.
Eine Untersuchung darüber, ob und wie Algorithmen noch beschleunigt werden können,
mündet in eine kurze Einführung in die moderne mathematische Disziplin der
"Komplexitätstheorie". Mit der Turing-Maschine wird ein einfaches und zugleich ungeheuer
mächtiges theoretisches Computermodell vorgestellt, das Anlass zu interessanten Fragen über
die Möglichkeiten und Grenzen der Computer gibt. Zum Schluss wird der Leser, die Leserin zu
einem Ausflug eingeladen zu den Grenzen der Informatik, zu Problemen, die
bewiesenermaßen algorithmisch unlösbar sind. Dank sehr ausführlicher und gut zugänglicher
Erklärungen und zahlreicher interessanter Aufgaben bereitet das Lernen mit diesem Buch
Freude. Der Text wurde für die zweite Auflage vollkommen neu geschrieben.

In diesem Buch geht es um den AKS-Algorithmus, den ersten deterministischen Primzahltest
mit polynomieller Laufzeit. Er wurde benannt nach den Informatikern Agrawal, Kayal und
Saxena, die ihn 2002 entwickelt haben. Primzahlen sind Gegenstand vieler mathematischer
Probleme und spielen im Zusammenhang mit Verschlüsselungsmethoden eine wichtige Rolle.
Das vorliegende Buch leitet den AKS-Algorithmus in verständlicher Art und Weise her, ohne
wesentliche Vorkenntnisse zu benötigen, und ist daher bereits für interessierte

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Gymnasialschüler(innen) zugänglich. Außerdem eignet sich das Buch von Studienbeginn an für Lehrveranstaltungen im Mathematik- oder Informatikstudium. Es kann schon in den ersten Semestern als Grundlage für zweistündige Vorlesungen oder (Pro-)Seminare dienen, ohne auf andere Lehrveranstaltungen (wie z. B. Zahlentheorie) zurückzugreifen, und ist daher im Bachelor- und Lehramtsstudium gut einsetzbar. Es gibt viele Aufgaben und weiterführende Anmerkungen sowie Lösungshinweise am Ende des Buches.

How can you tell whether a number is prime? What if the number has hundreds or thousands of digits? This question may seem abstract or irrelevant, but in fact, primality tests are performed every time we make a secure online transaction. In 2002, Agrawal, Kayal, and Saxena answered a long-standing open question in this context by presenting a deterministic test (the AKS algorithm) with polynomial running time that checks whether a number is prime or not. What is more, their methods are essentially elementary, providing us with a unique opportunity to give a complete explanation of a current mathematical breakthrough to a wide audience. Rempe-Gillen and Waldecker introduce the aspects of number theory, algorithm theory, and cryptography that are relevant for the AKS algorithm and explain in detail why and how this test works. This book is specifically designed to make the reader familiar with the background that is necessary to appreciate the AKS algorithm and begins at a level that is suitable for secondary school students, teachers, and interested amateurs. Throughout the book, the reader becomes involved in the topic by means of numerous exercises.

Die Finite-Elemente-Methode ist eine grundlegende mathematische Technik zur Behandlung von Differentialgleichungs- und Variationsproblemen, die in Physik und Mechanik, im Bau- und Ingenieurwesen sowie in Elektrotechnik und Mechatronik auftreten. Das vorliegende Buch ist die vierte Auflage des bewährten Standardwerks der drei Autoren. Es ist speziell für Naturwissenschaftler und Ingenieure geeignet, die die mathematischen Grundlagen der Methode kennenlernen wollen. Das Lehrbuch wurde gründlich überarbeitet, zudem u.a. durch Hinweise auf unstetige Galerkin-Methoden und verschiedene Varianten von a posteriori Fehlerabschätzungen sowie Literatur- und Softwareverweise auf den aktuellen Stand gebracht.

Now in the 6th edition, the book gives you the interview preparation you need to get the top software developer jobs. This is a deeply technical book and focuses on the software engineering skills to ace your interview. The book includes 189 programming interview questions and answers, as well as other advice.

â€œToward a Ludic Architectureâ€ is a pioneering publication, architecturally framing play and games as human practices in and of space. Filling the gap in literature, Steffen P. Walz considers game design theory and practice alongside architectural theory and practice, asking: how are play and games architected? What kind of architecture do they produce and in what way does architecture program play and games? What kind of architecture could be produced by playing and gameplaying?

This book primarily concerns quasilinear and semilinear elliptic and parabolic partial differential equations, inequalities, and systems. The exposition leads the reader through the general theory based on abstract (pseudo-) monotone or accretive operators as fast as possible towards the analysis of concrete differential equations, which have specific applications in continuum (thermo-) mechanics of solids and fluids, electrically (semi-) conductive media, modelling of biological systems, or in mechanical engineering. Selected parts are mainly an introduction into the subject while some others form an advanced

textbook. The second edition simplifies and extends the exposition at particular spots and augments the applications especially towards thermally coupled systems, magnetism, and more. The intended audience is graduate and PhD students as well as researchers in the theory of partial differential equations or in mathematical modelling of distributed parameter systems. ----- The monograph contains a wealth of material in both the abstract theory of steady-state or evolution equations of monotone and accretive type and concrete applications to nonlinear partial differential equations from mathematical modeling. The organization of the material is well done, and the presentation, although concise, is clear, elegant and rigorous. (...) this book is a notable addition to the existing literature. Also, it certainly will prove useful to engineers, physicists, biologists and other scientists interested in the analysis of (...) nonlinear differential models of the real world. (Mathematical Reviews)

Learning Processing, Second Edition, is a friendly start-up guide to Processing, a free, open-source alternative to expensive software and daunting programming languages. Requiring no previous experience, this book is for the true programming beginner. It teaches the basic building blocks of programming needed to create cutting-edge graphics applications including interactive art, live video processing, and data visualization. Step-by-step examples, thorough explanations, hands-on exercises, and sample code, supports your learning curve. A unique lab-style manual, the book gives graphic and web designers, artists, and illustrators of all stripes a jumpstart on working with the Processing programming environment by providing instruction on the basic principles of the language, followed by careful explanations of select advanced techniques. The book has been developed with a supportive learning experience at its core. From algorithms and data mining to rendering and debugging, it teaches object-oriented programming from the ground up within the fascinating context of interactive visual media. This book is ideal for graphic designers and visual artists without programming background who want to learn programming. It will also appeal to students taking college and graduate courses in interactive media or visual computing, and for self-study. A friendly start-up guide to Processing, a free, open-source alternative to expensive software and daunting programming languages No previous experience required—this book is for the true programming beginner! Step-by-step examples, thorough explanations, hands-on exercises, and sample code supports your learning curve

The definitive textbook and professional reference on Kalman Filtering – fully updated, revised, and expanded This book contains the latest developments in the implementation and application of Kalman filtering. Authors Grewal and Andrews draw upon their decades of experience to offer an in-depth examination of the subtleties, common pitfalls, and limitations of estimation theory as it applies to real-world situations. They present many illustrative examples including adaptations for nonlinear filtering, global navigation satellite systems, the error modeling of gyros and accelerometers, inertial navigation systems, and freeway traffic control. Kalman Filtering: Theory and Practice Using MATLAB, Fourth Edition is an ideal textbook in advanced undergraduate and beginning graduate courses in stochastic processes and Kalman filtering. It is also appropriate for self-instruction or review by practicing engineers and scientists who want to learn more about this important topic.

A guide to the features of Samba-3 provides step-by-step installation instructions on integrating Samba into a Windows or UNIX environment.