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A Practical Guide to Power-line Communication - Christina Vlachou 2022-05-19
A rigorous description of the theory and practice of power-line communication, which identifies the key characteristics that impact on performance and security. Ideal for university researchers and professional engineers designing PLC or hybrid devices and networks.

Transforming Barcelona - Tim Marshall 2004
This work, written by local experts in the city, deals with the transformation of Barcelona. It will be of interest to architects, planners and urban designers, as well as those interested in the social and economic impacts of regeneration.

Gibbons Stamp Weekly - 1907

The Spectator - 1911

Books that Count - William Forbes Gray 1923

Metal-Organic Framework Composites - Anish Khan 2019-10-25
Because of their nanoporous structures and ultra-high surface areas Metal-Organic Framework Composites (MOFs) are very interesting materials. The book focusses on the following applications: gas capture and storage, especially molecular hydrogen storage; performance enhancement of Li-ion batteries; gas separation, nano-filtration, ionic sieving, water treatment, and catalysis; sustainable renewable energy resources, electrochemical capacitors, including supercapacitors, asymmetric supercapacitors and hybrid supercapacitors; biomedical disciplines including drug delivery, theranostics; biological detection and imaging; nanoparticle photosensitizers for photodynamic therapy (PDT) and photothermal therapy (PTT).

Language and Automata Theory and Applications - Frank Drewes 2017-02-14
This book constitutes the refereed proceedings of the 11th International Conference on Language and Automata Theory and Applications, LATA 2017, held in Umeå, Sweden, in March 2017. The 31 revised full papers presented together with 4 invited talks were carefully reviewed and selected from 73 submissions. The papers cover the following topics: algorithmic learning and semantics; automata and logics; combinatorics on words, compression, and pattern matching;

complexity; finite automata; grammars, languages, and parsing; graphs and Petri Nets; non-classical automata; and pushdown automata and systems.

The Builder - 1891

Networks and Groups - Bhaskar Dutta 2013-03-09

When Murat Sertel asked us whether we would be interested in organizing a special issue of the Review of Economic Design on the formation of networks and groups, we were happy to accept because of the growing research on this important topic. We were also pleasantly surprised at the response to our request for submissions to the special issue, receiving a much larger number of sub missions than we had anticipated. In the end we were able to put together two special issues of insightful papers on this topic. Given the growing interest in this topic, we also decided (with encouragement from Murat) to combine the special issues in the form of a book for wider dissemination. However, once we had decided to edit the book, it was natural to move beyond the special issue to include at least some of the papers that have been influential in the literature on the formation of networks. These papers were published in other journals, and we are very grateful to the authors as well as the journals for permission to include these papers in the book.

Statistical Analysis of Network Data with R - Eric D. Kolaczyk 2020-06-02

The new edition of this book provides an easily accessible introduction to the statistical analysis of network data using R. It has been fully revised and can be used as a stand-alone resource in which multiple R packages are used to illustrate how to conduct a wide range of network analyses, from basic manipulation and visualization, to summary and characterization, to modeling of network data. The central package is igraph, which provides extensive capabilities for studying network graphs in R. The new edition of this book includes an overhaul to recent changes in igraph. The material in this book is organized to flow from descriptive statistical methods to topics centered on modeling and inference with networks, with the latter separated into two sub-areas, corresponding first to the modeling and inference of networks themselves, and then, to processes on networks. The book begins by covering tools for the manipulation of network data. Next, it addresses visualization and characterization of networks. The book then examines mathematical and statistical network modeling. This is followed by a special case of network modeling wherein the network topology must be inferred. Network processes, both static and dynamic are addressed in the subsequent chapters. The book concludes by featuring chapters on network flows, dynamic networks, and networked experiments. Statistical Analysis of Network Data with R, 2nd Ed. has been written at a level aimed at graduate students and researchers in quantitative disciplines engaged in the statistical analysis of network data, although advanced undergraduates already comfortable with R should find the book fairly accessible as well.

The Bookseller - 1911

Neural Information Processing - Chu Kiong Loo 2014-10-20

The three volume set LNCS 8834, LNCS 8835, and LNCS 8836 constitutes the proceedings of the 21st International Conference on Neural Information

Processing, ICONIP 2014, held in Kuching, Malaysia, in November 2014. The 231 full papers presented were carefully reviewed and selected from 375 submissions. The selected papers cover major topics of theoretical research, empirical study, and applications of neural information processing research. The 3 volumes represent topical sections containing articles on cognitive science, neural networks and learning systems, theory and design, applications, kernel and statistical methods, evolutionary computation and hybrid intelligent systems, signal and image processing, and special sessions intelligent systems for supporting decision, making processes, theories and applications, cognitive robotics, and learning systems for social network and web mining.

Petri Nets and Other Models of Concurrency - ICATPN 2006 - Susanna Donatelli
2006-06-21

This book constitutes the refereed proceedings of the 27th International Conference on Applications and Theory of Petri Nets and Other Models of Concurrency, ICATPN 2006, held in Turku, Finland in June 2006. The book presents 16 revised full papers and 6 revised tool papers together with 4 invited papers. All current issues on research and development in the area of Petri nets and modeling of concurrent systems are addressed.

C# 10 and .NET 6 – Modern Cross-Platform Development - Mark J. Price 2021-11-09

A comprehensive guide for beginners to learn the key concepts, real-world applications, and latest features of C# 10 and .NET 6 with hands-on exercises using Visual Studio 2022 and Visual Studio Code. Purchase of the print or Kindle book includes a free eBook in the PDF format. Key Features Explore the newest additions to C# 10, the .NET 6 class library, and Entity Framework Core 6 Create professional websites and services with ASP.NET Core 6 and Blazor Build cross-platform apps for Windows, macOS, Linux, iOS, and Android Book Description Extensively revised to accommodate all the latest features that come with C# 10 and .NET 6, this latest edition of our comprehensive guide will get you coding in C# with confidence. You'll learn object-oriented programming, writing, testing, and debugging functions, implementing interfaces, and inheriting classes. The book covers the .NET APIs for performing tasks like managing and querying data, monitoring and improving performance, and working with the filesystem, async streams, and serialization. You'll build and deploy cross-platform apps, such as websites and services using ASP.NET Core. Instead of distracting you with unnecessary application code, the first twelve chapters will teach you about C# language constructs and many of the .NET libraries through simple console applications. In later chapters, having mastered the basics, you'll then build practical applications and services using ASP.NET Core, the Model-View-Controller (MVC) pattern, and Blazor. What you will learn Build rich web experiences using Blazor, Razor Pages, the Model-View-Controller (MVC) pattern, and other features of ASP.NET Core Build your own types with object-oriented programming Write, test, and debug functions Query and manipulate data using LINQ Integrate and update databases in your apps using Entity Framework Core, Microsoft SQL Server, and SQLite Build and consume powerful services using the latest technologies, including gRPC and GraphQL Build cross-platform apps using XAML Who this book is for Designed for both beginners and C# and .NET programmers who have worked with C# in the past and want to catch up with the changes made in the past few years, this book doesn't

need you to have any C# or .NET experience. However, you should have a general understanding of programming before you jump in.

Aphids as Crop Pests, 2nd Edition - Helmut F van Emden 2017-08-23

Aphids are among the major global pest groups, causing serious economic damage to many food and commodity crops in most parts of the world. This revision and update of the well-received first edition published ten years ago reflects the expansion of research in genomics, endosymbionts and semiochemicals, as well as the shift from control of aphids with insecticides to a more integrated approach imposed by increasing resistance in the aphids and government restrictions on pesticides. The book remains a comprehensive and up-to-date reference work on the biology of aphids, the various methods of controlling them and the progress of integrated pest management as illustrated by ten case histories.

Principles of Knowledge Representation and Reasoning - Luigia Carlucci Aiello 1996

Synthetic Gene Network - Bor-Sen Chen 2014-05-02

This book develops a rational design and systematic approach to construct a gene network with desired behaviors. In order to achieve this goal, the registry of standard biological parts and experimental techniques are introduced at first. Then these biological components are characterized by a standard modeling method and collected in the component libraries, which can be efficiently reused in engineering synthetic gene networks. Based on the system theory, some design specifications are provided to engineer the synthetic gene networks to robustly track the desired trajectory by employing the component libraries.

Programming Entity Framework - Julia Lerman 2011-11-25

Annotation Code first is an additional means of building a model to be used with the Entity Framework and is creating a lot of excitement in the .NET development community. The reader will begin with an overview of what code first is, why it was created, how it fits into the Entity Framework and when to use it over the alternatives.

Accounting Innovation - Hugh Malcolm Coombs 1996-01-01

First published in 1996

Parallel System Interconnections and Communications - Miltos D. Grammatikakis 2018-10-08

This introduction to networking large scale parallel computer systems acts as a primary resource for a wide readership, including network systems engineers, electronics engineers, systems designers, computer scientists involved in systems design and implementation of parallel algorithms development, graduate students in systems architecture, design, or engineering.

The Gardener's Magazine - 1904

Network and Parallel Computing - Hai Jin 2004-10-14

This proceedings contains the papers presented at the 2004 IFIP International Conference on Network and Parallel Computing (NPC 2004), held at Wuhan, China, from October 18 to 20, 2004. The goal of the conference was to establish an international forum for engineers and scientists to present their ideas and

experiences in network and parallel computing. A total of 338 submissions were received in response to the call for papers. These papers were from Australia, Brazil, Canada, China, Finland, France, Germany, Hong Kong, India, Iran, Italy, Japan, Korea, Luxemburg, Malaysia, Norway, Spain, Sweden, Taiwan, UK, and USA. Each submission was sent to at least three reviewers. Each paper was judged according to its originality, innovation, readability, and relevance to the expected audience. Based on the reviews received, a total of 69 papers were accepted to be included in the proceedings. Among the 69 papers, 46 were accepted as full papers and were presented at the conference. We also accepted 23 papers as short papers; each of these papers was given an opportunity to have a brief presentation at the conference, followed by discussions in a poster session. Thus, due to the limited scope and time of the conference and the high number of submissions received, only 20% of the total submissions were included in the final program.

Wetland and Stream Rapid Assessments - John Dorney 2018-08-07

Wetland and Stream Rapid Assessments: Development, Validation, and Application describes the scientific and environmental policy background for rapid wetland and stream assessments, how such assessment methods are developed and statistically verified, and how they can be used in environmental decision-making—including wetland and stream permitting. In addition, it provides several case studies of method development and use in various parts of the world. Readers will find guidance on developing and testing such methods, along with examples of how these methods have been used in various programs across North America. Rapid wetland and stream functional assessments are becoming frequently used methods in federal, state and local environmental permitting programs in North America. Many governments are interested in developing new methods or improving existing methods for their own jurisdictions. This book provides an ideal guide to these initiatives. Offers guidance for the use and evaluation of rapid assessments to developers and users of these methods, as well as students of wetland and stream quality. Contains contributions from sources who are successful in academia, industry and government, bringing credibility and relevance to the content. Includes a statistically-based approach to testing the validity of the rapid method, which is very important to the usefulness and defensibility of assessment methods.

Garden Life - 1923

Characterisation of Porous Solids V - G. Kreysa 2000-04-11

The Fifth International Symposium on the Characterisation of Porous Solids (COPS-V) was held at Heidelberg, Germany, from May 30 to June 2, 1999. About 220 participants from 25 countries enjoyed a very successful meeting with 32 lectures and 155 poster presentations. The Symposium started with a highly stimulating lecture by Sir John Meurig Thomas, Cambridge, highlighting the recent developments in engineering of new catalysts. The following two full sessions were devoted to theory, modelling and simulation which provide the basis for the interpretation of pore structural data of adsorbents and finely dispersed solids. Sessions 2 and 3 focused on the advances in the synthesis and characterisation of highly ordered inorganic adsorbents and carbons. Sessions 4 and 5 addressed important questions with respect to the characterisation of

porous solids by sorption measurement and other related techniques. The intensive three-day programme provided a stimulating forum for the exchange of novel research findings, concepts, techniques and materials which are collected in this volume.

Saline Water Conversion Report - United States. Office of Saline Water 1968

The Review of Reviews - William Thomas Stead 1912

Interior, Environment, and Related Agencies Appropriations for 2016, Part 2, 2015, 114-1 - 2015

Parsing Schemata - Klaas Sikkel 2012-12-06

Parsing, the syntactic analysis of language, has been studied extensively in computer science and computational linguistics. Computer programs and natural languages share an underlying theory of formal languages and require efficient parsing algorithms. This introduction reviews the theory of parsing from a novel perspective. It provides a formalism to capture the essential traits of a parser that abstracts from the fine detail and allows a uniform description and comparison of a variety of parsers, including Earley, Tomita, LR, Left-Corner, and Head-Corner parsers. The emphasis is on context-free phrase structure grammar and how these parsers can be extended to unification formalisms. The book combines mathematical rigor with high readability and is suitable as a graduate course text.

C# 6.0 and the .NET 4.6 Framework - ANDREW TROELSEN 2015-11-16

This new 7th edition of Pro C# 6.0 and the .NET 4.6 Platform has been completely revised and rewritten to reflect the latest changes to the C# language specification and new advances in the .NET Framework. You'll find new chapters covering all the important new features that make .NET 4.6 the most comprehensive release yet, including: A Refined ADO.NET Entity Framework Programming Model Numerous IDE and MVVM Enhancements for WPF Desktop Development Numerous updates to the ASP.NET Web APIs This comes on top of award winning coverage of core C# features, both old and new, that have made the previous editions of this book so popular. Readers will gain a solid foundation of object-oriented development techniques, attributes and reflection, generics and collections as well as numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). The mission of this book is to provide you with a comprehensive foundation in the C# programming language and the core aspects of the .NET platform plus overviews of technologies built on top of C# and .NET (ADO.NET and Entity Framework, Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF), ASP.NET (WebForms, MVC, WebAPI).). Once you digest the information presented in these chapters, you'll be in a perfect position to apply this knowledge to your specific programming assignments, and you'll be well equipped to explore the .NET universe on your own terms. What You Will Learn: Be the first to understand the .NET 4.6 platform and C# 6. Discover the ins and outs of the leading .NET technology. Learn from an award-winning author who has been teaching the .NET world since version 1.0. Find complete coverage of XAML, .NET 4.6 and Visual Studio 2015 together with discussion of the new Windows Runtime.

New National Framework Mathematics - M. J. Tipler 2004

New National Framework Mathematics features extensive teacher support materials which include dedicated resources to support each Core and Plus Book. The 9 Core Teacher Resource Pack contains a wealth of resources to support and extend the work covered in the 9 Core pupil book and Teacher Planning Pack.

Broadband Internet Access Workshop Real Options Framework for Network Neutrality -

New National Framework Mathematics 7+ Teacher Resource Pack - M. J. Tipler 2014-11

New National Framework Mathematics features extensive teacher support materials which include dedicated resources to support each Core and Plus Book. The 7 Plus Teacher Resource Pack contains a wealth of resources to support and extend the work covered in the 7 Plus pupil book and Teacher Planning Pack.

The Building News and Engineering Journal - 1907

Gardeners' Chronicle - 1853

Pro C# 7 - Andrew Troelsen 2017-11-21

This essential classic title provides a comprehensive foundation in the C# programming language and the frameworks it lives in. Now in its 8th edition, you'll find all the very latest C# 7.1 and .NET 4.7 features here, along with four brand new chapters on Microsoft's lightweight, cross-platform framework, .NET Core, up to and including .NET Core 2.0. Coverage of ASP.NET Core, Entity Framework (EF) Core, and more, sits alongside the latest updates to .NET, including Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF), and ASP.NET MVC. Dive in and discover why Pro C# has been a favorite of C# developers worldwide for over 15 years. Gain a solid foundation in object-oriented development techniques, attributes and reflection, generics and collections as well as numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). With the help of this book you'll have the confidence to put C# into practice and explore the .NET universe on your own terms. What You Will Learn Discover the latest C# 7.1 features, from tuples to pattern matching Hit the ground running with Microsoft's lightweight, open source .NET Core platform, including ASP.NET Core MVC, ASP.NET Core web services, and Entity Framework Core Find complete coverage of XAML, .NET 4.7, and Visual Studio 2017 Understand the philosophy behind .NET and the new, cross-platform alternative, .NET Core

Bookseller and the Stationery Trades' Journal - 1911

Saline Water Conversion Report for ... - United States. Office of Saline Water 1970

Bio-Inspired Models of Network, Information, and Computing Systems - Emma Hart 2012-08-10

This book constitutes the thoroughly refereed post-conference proceedings of the 6th International Conference on Bio-Inspired Models of Network, Information, and Computing Systems (Bionetics). The event took place in the

city of York, UK, in December 2011. Bionetics main objective is to bring bio-inspired paradigms into computer engineering and networking, and to enhance the fruitful interactions between these fields and biology. The papers of the conference were accepted in 2 categories: full papers and work-in progress. Full papers describe significant advances in the Bionetics field, while work-in-progress papers present an opportunity to discuss breaking research which is currently being evaluated. The topics are ranging from robotic coordination to attack detection in peer-to-peer networks, biological mechanisms including evolution, flocking and artificial immune systems, and nano-scale communication and networking.

C# 6 and .NET Core 1.0: Modern Cross-Platform Development - Mark J. Price
2016-03-29

Create powerful cross-platform applications using C# 6, .NET Core 1.0, ASP.NET Core 1.0, and Visual Studio 2015 About This Book Build modern, cross-platform applications with .NET Core 1.0 Get up-to-speed with C#, and up-to-date with all the latest features of C# 6 Start creating professional web applications with ASP.NET Core 1.0 Who This Book Is For Are you struggling to get started with C#? Or maybe you're interested in the potential of the new cross-platform features that .NET Core can offer? If so, C# 6 and .NET Core 1.0 is the book for you. While you don't need to know any of the latest features of C# or .NET to get started, it would be beneficial if you have some programming experience. What You Will Learn Build cross-platform applications using C# 6 and .NET Core 1.0 Explore ASP.NET Core 1.0 and learn how to create professional web applications Improve your application's performance using multitasking Use Entity Framework Core 1.0 and learn how to build Code-First databases Master object-oriented programming with C# to increase code reuse and efficiency Familiarize yourself with cross-device app development using the Universal Windows Platform and XAML Query and manipulate data using LINQ Protect your data by using encryption and hashing In Detail With the release of .NET Core 1.0, you can now create applications for Mac OS X and Linux, as well as Windows, using the development tools you know and love. C# 6 and .NET Core 1.0 has been divided into three high-impact sections to help start putting these new features to work. First, we'll run you through the basics of C#, as well as object-orient programming, before taking a quick tour through the latest features of C# 6 such as string interpolation for easier variable value output, exception filtering, and how to perform static class imports. We'll also cover both the full-feature, mature .NET Framework and the new, cross-platform .NET Core. After quickly taking you through C# and how .NET works, we'll dive into the internals of the .NET class libraries, covering topics such as performance, monitoring, debugging, internationalization, serialization, and encryption. We'll look at Entity Framework Core 1.0 and how to develop Code-First entity data models, as well as how to use LINQ to query and manipulate that data. The final section will demonstrate the major types of applications that you can build and deploy cross-device and cross-platform. In this section, we'll cover Universal Windows Platform (UWP) apps, web applications, and web services. Lastly, we'll help you build a complete application that can be hosted on all of today's most popular platforms, including Linux and Docker. By the end of the book, you'll be armed with all the knowledge you need to build modern,

cross-platform applications using C# and .NET Core. Style and approach This book takes a step-by-step approach and is filled with exciting projects and fascinating theory. It uses three high-impact sections to equip you with all the tools you'll need to build modern, cross-platform applications using C# and .NET Core.