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[Descriptive Programs](#) Sep 06 2020

[The Mathematical-Function Computation Handbook](#) Jun 03 2020 This highly comprehensive handbook provides a substantial advance in the computation of elementary and special functions of mathematics, extending the function coverage of major programming languages well beyond their international standards, including full support for decimal floating-point arithmetic. Written with clarity and focusing on the C language, the work pays extensive attention to little-understood aspects of floating-point and integer arithmetic, and to software portability, as well as to important historical architectures. It extends support to a future 256-bit, floating-point format offering 70 decimal digits of precision. Select Topics and Features: references an exceptionally useful, author-maintained MathCW website, containing source code for the book's software, compiled libraries for numerous systems, pre-built C compilers, and other related materials; offers a unique approach to covering mathematical-function computation using decimal arithmetic; provides extremely versatile appendices for interfaces to numerous other languages: Ada, C#, C++, Fortran, Java, and Pascal; presupposes only basic familiarity with computer programming in a common language, as well as early level algebra; supplies a library that readily adapts for existing scripting languages, with minimal effort; supports both binary and decimal arithmetic, in up to 10 different floating-point formats; covers a significant portion (with highly accurate implementations) of the U.S National Institute of Standards and Technology's 10-year project to codify mathematical functions. This highly practical text/reference is an invaluable tool for advanced undergraduates, recording many lessons of the intermingled history of computer hardware and software, numerical algorithms, and mathematics. In addition, professional numerical analysts and others will find the handbook of real interest and utility because it builds on research by the mathematical software community over the last four decades.

[Bibliography of Publications](#) Nov 28 2019

[Cryptological Mathematics](#) Oct 08 2020 Introduction to the mathematics of cryptology suitable for beginning undergraduates.

[NS Simulator for Beginners](#) Jul 05 2020 NS-2 is an open-source discrete event network simulator which is widely used by both the research community as well as by the people involved in the standardization protocols of IETF. The goal of this book is twofold: on one hand to learn how to use the NS-2 simulator, and on the other hand, to become acquainted with and to understand the operation of some of the simulated objects using NS-2 simulations. The book is intended to help students, engineers or researchers who need not have much background in programming or who want to learn through simple examples how to analyse some simulated objects using NS-2. Simulations may differ from each other in many aspects: the applications, topologies, parameters of network objects (links, nodes) and protocols used, etc. The first chapter is a general introduction to the book, where the importance of NS-2 as a tool for a good comprehension of networks and protocols is stated. In the next chapters we present special topics as TCP, RED, etc., using NS-2 as a tool for better understanding the protocols. We provide in the appendices a review of Random Variables and Confidence Intervals, as well as a first sketch for using the new NS-3 simulator. Table of Contents: Introduction / NS-2 Simulator Preliminaries / How to work with trace files / Description and simulation of

TCP/IP / Routing and network dynamics / RED: Random Early Discard / Differentiated Services / Mobile Networks and Wireless Local Area Networks / Classical queueing models / Tcl and C++ linkage

*Information, Communication and Computing Technology* Nov 08 2020 This book constitutes the refereed proceedings of the 4th International Conference on Information, Communication and Computing Technology, ICICCT 2019, held in New Delhi, India, in May 2019. The 23 full papers and one short paper presented in this volume were carefully reviewed and selected from 120 submissions. The papers are organized in topical sections on communication and network systems; and emerging computing technologies.

Computer Security -- ESORICS 2019 Nov 20 2021 The two volume set, LNCS 11735 and 11736, constitutes the proceedings of the 24th European Symposium on Research in Computer Security, ESORIC 2019, held in Luxembourg, in September 2019. The total of 67 full papers included in these proceedings was carefully reviewed and selected from 344 submissions. The papers were organized in topical sections named as follows: Part I: machine learning; information leakage; signatures and re-encryption; side channels; formal modelling and verification; attacks; secure protocols; useful tools; blockchain and smart contracts. Part II: software security; cryptographic protocols; security models; searchable encryption; privacy; key exchange protocols; and web security. --

Open Source Software: New Horizons Dec 22 2021 This book constitutes the refereed proceedings of the 6th International IFIP WG 2.13 Conference on Open Source Systems, OSS 2010, held in Notre Dame, IN, USA, in May/June 2010. The 23 revised full papers presented together with 17 short papers, 5 workshop abstracts and 4 panel descriptions were carefully reviewed and selected from 51 submissions. The papers reflect the international communities of active OSS researchers and present a broad range of perspectives on open source systems ranging from software engineering through organizational issues to law.

Education Jan 23 2022

**InfoWorld** Apr 25 2022 InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

**Natural Language Processing – IJCNLP 2004** May 15 2021 This book constitutes the thoroughly refereed post-proceedings of the First International Joint Conference on Natural Language Processing, IJCNLP 2004, held in Hainan Island, China in March 2004. The 84 revised full papers presented in this volume were carefully selected during two rounds of reviewing and improvement from 211 papers submitted. The papers are organized in topical sections on dialogue and discourse; FSA and parsing algorithms; information extractions and question answering; information retrieval; lexical semantics, ontologies, and linguistic resources; machine translation and multilinguality; NLP software and applications, semantic disambiguities; statistical models and machine learning; taggers, chunkers, and shallow parsers; text and sentence generation; text mining; theories and formalisms for morphology, syntax, and semantics; word segmentation; NLP in mobile information retrieval and user interfaces; and text mining in bioinformatics.

**Lower Your Taxes Big Time 2013-2014 5/E** Apr 13 2021 Presents a guide to lowering taxes, outlining strategies and audit-proofing techniques for business, education, and entertainment deductions while detailing the changes resulting from the American Taxpayer Relief Law.

You Must Learn Vbscript for Qtp/Uft Nov 01 2022 QTP/UFT Automation Engineers, Look No Further! This is one of the best VBScript books specifically for QTP/UFT Note: Book available on your kindle device, tablet, phone, PC, Mac, and paperback (Black/White & Color). The kindle edition is free after purchasing the paperback. Sign Up for Free Webinars, Videos, and Live Trainings Copy and paste this URL <http://tinyurl.com/Free-QTP-UFT-Selenium> into your browser to sign up 3 Tips To Master QTP/UFT Within 30 Days Copy and paste this URL

<http://tinyurl.com/3-Tips-For-QTP-UFT> into your browser to receive your tips Why Read Part 2 - You Must Learn VBScript for QTP/UFT? Part 2 of You Must Learn VBScript for QTP/UFT is designed to be an easy read so you can understand the deeper concepts of VBScript. VBScript is a powerful scripting language which imitates object oriented programming languages. An object oriented programming language is centered on and organized around objects. Target Audience Mid-Level to Advanced QTP/UFT automation engineers Note: It is recommended that beginners read "Part 1 - You Must Learn VBScript for QTP/UFT" to obtain a foundation of VBScript. The Kindle Edition is free for Part 1 - You Must Learn VBScript for QTP/UFT. Don't Miss Out! Automation Engineers Interested in QTP/UFT Should Not Pass Up This Book Because You Will Learn: ? Dictionary Objects ? FileSystemObject (FSO) ? Classes ? Regular Expressions ? Debugging and Handling Errors ? Windows Script Host (WSH) ? Windows Management Instrumentation (WMI) Scroll Up and Order Your Copy

**Continuous Delivery in Java** Feb 09 2021 Continuous delivery adds enormous value to the business and the entire software delivery lifecycle, but adopting this practice means mastering new skills typically outside of a developer's comfort zone. In this practical book, Daniel Bryant and Abraham Marín-Pérez provide guidance to help experienced Java developers master skills such as architectural design, automated quality assurance, and application packaging and deployment on a variety of platforms. Not only will you learn how to create a comprehensive build pipeline for continually delivering effective software, but you'll also explore how Java application architecture and deployment

platforms have affected the way we rapidly and safely deliver new software to production environments. Get advice for beginning or completing your migration to continuous delivery Design architecture to enable the continuous delivery of Java applications Build application artifacts including fat JARs, virtual machine images, and operating system container (Docker) images Use continuous integration tooling like Jenkins, PMD, and find-sec-bugs to automate code quality checks Create a comprehensive build pipeline and design software to separate the deploy and release processes Explore why functional and system quality attribute testing is vital from development to delivery Learn how to effectively build and test applications locally and observe your system while it runs in production

**Monsoon Rains, Great Rivers and the Development of Farming Civilisations in Asia** Jun 23 2019 A detailed review of climate change and its impacts on farming systems since the Neolithic, including anticipated future changes.

Experiences of Test Automation Jul 29 2022 Software test automation has moved beyond a luxury to become a necessity. Applications and systems have grown ever larger and more complex, and manual testing simply cannot keep up. As technology changes, and more organizations move into agile development, testing must adapt—and quickly. Test automation is essential, but poor automation is wasteful—how do you know where your efforts will take you? Authors Dorothy Graham and Mark Fewster wrote the field’s seminal text, *Software Test Automation*, which has guided many organizations toward success. Now, in *Experiences of Test Automation*, they reveal test automation at work in a wide spectrum of organizations and projects, from complex government systems to medical devices, SAP business process development to Android mobile apps and cloud migrations. This book addresses both management and technical issues, describing failures and successes, brilliant ideas and disastrous decisions and, above all, offers specific lessons you can use. Coverage includes Test automation in agile development How management support can make or break successful automation The importance of a good testware architecture and abstraction levels Measuring benefits and Return on Investment (ROI) Management issues, including skills, planning, scope, and expectations Model-Based Testing (MBT), monkey testing, and exploratory test automation The importance of standards, communication, documentation, and flexibility in enterprise-wide automation Automating support activities Which tests to automate, and what not to automate Hidden costs of automation: maintenance and failure analysis The right objectives for test automation: why “finding bugs” may not be a good objective Highlights, consisting of lessons learned, good points, and helpful tips *Experiences of Test Automation* will be invaluable to everyone considering, implementing, using, or managing test automation. Testers, analysts, developers, automators and automation architects, test managers, project managers, QA professionals, and technical directors will all benefit from reading this book.

**Transnational Protest and Global Activism** Oct 20 2021 Sociologists and political scientists from Europe and the US explore how global issues are transforming local and national activism and the interactions between local, national, and supranational movement organizations. In addition to describing recent events, they adapt concepts and hypotheses developed in the social movement literature of the pas

Modern Computational Finance Mar 25 2022 Arguably the strongest addition to numerical finance of the past decade, Algorithmic Adjoint Differentiation (AAD) is the technology implemented in modern financial software to produce thousands of accurate risk sensitivities, within seconds, on light hardware. AAD recently became a centerpiece of modern financial systems and a key skill for all quantitative analysts, developers, risk professionals or anyone involved with derivatives. It is increasingly taught in Masters and PhD programs in finance. Danske Bank's wide scale implementation of AAD in its production and regulatory systems won the In-House System of the Year 2015 Risk award. The *Modern Computational Finance* books, written by three of the very people who designed Danske Bank's systems, offer a unique insight into the modern implementation of financial models. The volumes combine financial modelling, mathematics and programming to resolve real life financial problems and produce effective derivatives software. This volume is a complete, self-contained learning reference for AAD, and its application in finance. AAD is explained in deep detail throughout chapters that gently lead readers from the theoretical foundations to the most delicate areas of an efficient implementation, such as memory management, parallel implementation and acceleration with expression templates. The book comes with professional source code in C++, including an efficient, up to date implementation of AAD and a generic parallel simulation library. Modern C++, high performance parallel programming and interfacing C++ with Excel are also covered. The book builds the code step-by-step, while the code illustrates the concepts and notions developed in the book.

**QTP for Professionals** Sep 30 2022 QTP for Professionals (10.0) is a unique book which provides an end to end solution for an effective automation scripting using functional Automation Testing Tool HP-Quick Test Professional. With more than 150 Solved Examples, the book focuses on detailed learning of QTP for all level of readers from Beginners to Professionals. Beginners can learn the Automation tool easily with the help of step by step documentation provided for all the features of the tool. They can easily understand the Automation Scripting with the help of line by line explanation of the code given for all the solved examples. Professionals can use this book to improve their standards of automation scripting using advanced Automation Techniques like COM, DOM, AOM

Programming, Windows API Programming and WSH Programming. The book also focuses on Descriptive programming in detail with lot of practical examples that demonstrate the true strength of the topic. Scripting Examples provided in this book help the reader to understand how to automate real world web applications like Google, MSN and Yahoo. The book also covers automation scripting related to commonly used Ms Office applications like Excel, Word and Outlook. It also aids the reader to understand the integration of QTP with HP Test Management tool Quality Center along with automation frameworks. The book compares QTP 10.0 version with QTP9.2 and 9.5 and Highlights the differences and enhancements. About the Author Siva Koti Reddy. K; Founder and CEO of IIBC - Indian Institute of Bright Careers ([www.i2brightcareers.com](http://www.i2brightcareers.com)) is associated with IT Industry since 2000. After completing B.E and M.Tech from National Institute of Technology (NIT) Trichy, he has worked for Software giants like Sun Micro Systems, Oracle and Wipro at various levels including Sr. Project Manager. He has extensive experience in designing automation test strategies for various complex projects which are based on Systems Programming and Web Programming. Being instrumental in providing technical consultancy, he has been a technical consultant for designing effective automation frame works for various MNC organizations. Guiding and Building the careers of fresh graduates is his passion, which also reflects in the name of his organization. He has mentored thousands of students in the field of Software Testing and molded their career into bright career. Apart from public training, he has also provided lot of corporate trainings for various MNCs. In his technical expedition he has contributed for various open source activities like Linux Kernel Performance bench marking, designing functional Tests for various open source applications etc. Besides software Testing he has also worked as a programmer in various technologies like JAVA, C, UNIX, PERL. Shalini Reddy; has over Five years of experience in Automation testing and has worked for various reputed organizations. She is currently working for IBM. She has been involved in designing and implementing automation test strategies using QTP for large clients like Net App, Medco etc. Her greatest strength is designing an effective test automation solution for complex web based applications. She has been honored with various awards for her unique contribution in the field of Software Automation. She holds BE (Computer Science and Engineering) degree from BMS institute of Technology, Bangalore. With her unique and effective training skills she has mentored thousands of software engineers in the field of Software Testing.

A Secondhand Lie Oct 27 2019 Sometimes you know things you're not supposed to know. Things that you can never un-know. Things that will change the course of your life...and the fate of the ones you love. I found her in our living room, bleeding and close to death, but alive. Barely. Until morning stole her last breath. The media called her killer the "Triangle Terror" ... and then forgot about her. But I never forgot—my murdered sister, and an investigation that led to my own resurrection from the dead. Twenty-two years ago, on a cold February night, Landon Worthington lost his father for the last time. After an armed robbery gone wrong, evidence and witness testimony pointed a shaky finger at Dan Worthington—deadbeat dad and alcoholic husband. But before the dust could settle over the conviction, Landon's preteen sister, Alexis, is murdered in their home, plunging Landon's life into further despair. Two decades and a cold case later, Landon is dogged by guilt over their estranged relationship and decides to confront his incarcerated father about what really happened the night of the robbery. But the years of lies are hard to unravel. And the biggest question of all haunts him: How does everything tie into his sister's murder? And so begins Landon's journey to piece together the puzzle of secrets, lies, and truths that can free his father, avenge his sister, and perhaps save himself. A short story mystery perfect for fans of Robert Dugoni's *Third Watch* and Dean Koontz's *The Neighbor*. Read as a standalone or as the companion book to *A Secondhand Life*.

**The Old Merchants of New York City** Jul 25 2019

*NOAA Reprint of Geodesy for the Layman* May 03 2020

*Testing Techniques in Software Engineering* Jan 11 2021 The Pernambuco School on Software Engineering (PSSE) 2007 was the second in a series of events devoted to the study of advanced computer science and to the promotion of international scientific collaboration. The main theme in 2007 was testing. Testing is nowadays a key activity for assuring software quality. The summer school and its proceedings were intended to give a detailed tutorial introduction to the scientific basis of this activity and its state of the art.

These proceedings record the contributions from the invited lecturers. Each of the chapters is the result of a thorough revision of the initial notes provided to the participants of the school. The revision was inspired by the synergy generated by the opportunity for the lecturers to present and discuss their work among themselves and with the school's attendees. The editors have tried to produce a coherent view of the topic by harmonizing these contributions, smoothing out differences in notation and approach, and providing links between the lectures. We apologize to the authors for any errors introduced by our extensive editing. Although the chapters are linked in several ways, each one is sufficiently self-contained to be read in isolation. Nevertheless, Chap. 1 should be read first by those interested in an introduction to testing. Chapter 1 introduces the terminology adopted in this book. It also provides an overview of the testing process, and of the types (functional, structural, and soon) and dimensions (unit, integration, and soon) of the testing activity. The main strategies employed in the central activity

of test selection are also discussed. Most of the material presented in this introductory chapter is addressed in more depth in the following chapters.

**Database Systems for Advanced Applications** Dec 30 2019 This book constitutes the workshop proceedings of the 14th International Conference on Database Systems for Advanced Applications, DASFAA 2009, held in Brisbane, Australia, in April 2009. The volume contains six workshops, each focusing on specific research issues that contribute to the main themes of the DASFAA conference: The First International Workshop on Benchmarking of XML and Semantic Web Applications (BenchmarkX'09); The Second International Workshop on Managing Data Quality in Collaborative Information Systems (MCIS'09); The 1st International Workshop on Data and Process Provenance (WDPP'09); The First International Workshop on Privacy-Preserving Data Analysis (PPDA'09); The First International Workshop on Mobile Business Collaboration (MBC'09); and the First Ph.D. Workshop.

**Foundations of Applied Mathematics, Volume I** Feb 21 2022 This book provides the essential foundations of both linear and nonlinear analysis necessary for understanding and working in twenty-first century applied and computational mathematics. In addition to the standard topics, this text includes several key concepts of modern applied mathematical analysis that should be, but are not typically, included in advanced undergraduate and beginning graduate mathematics curricula. This material is the introductory foundation upon which algorithm analysis, optimization, probability, statistics, differential equations, machine learning, and control theory are built. When used in concert with the free supplemental lab materials, this text teaches students both the theory and the computational practice of modern mathematical analysis. *Foundations of Applied Mathematics, Volume 1: Mathematical Analysis* includes several key topics not usually treated in courses at this level, such as uniform contraction mappings, the continuous linear extension theorem, Daniell-Lebesgue integration, resolvents, spectral resolution theory, and pseudospectra. Ideas are developed in a mathematically rigorous way and students are provided with powerful tools and beautiful ideas that yield a number of nice proofs, all of which contribute to a deep understanding of advanced analysis and linear algebra. Carefully thought out exercises and examples are built on each other to reinforce and retain concepts and ideas and to achieve greater depth. Associated lab materials are available that expose students to applications and numerical computation and reinforce the theoretical ideas taught in the text. The text and labs combine to make students technically proficient and to answer the age-old question, "When am I going to use this?"

**Designing and Conducting Mixed Methods Research** Aug 25 2019 'Designing and Conducting Mixed Methods Research' offers a practical, how-to guide for designing a mixed methods study. The text incorporates activities and exercises for classroom use or for use by the researcher in preparing designs.

**Oracle** Sep 26 2019

Real Options Analysis Aug 30 2022 "Mun demystifies real options analysis and delivers a powerful, pragmatic guide for decision-makers and practitioners alike. Finally, there is a book that equips professionals to easily recognize, value, and seize real options in the world around them." --Jim Schreckengast, Senior VP, R&D Strategy, Gemplus International SA, France Completely revised and updated to meet the challenges of today's dynamic business environment, *Real Options Analysis, Second Edition* offers you a fresh look at evaluating capital investment strategies by taking the strategic decision-making process into consideration. This comprehensive guide provides both a qualitative and quantitative description of real options; the methods used in solving real options; why and when they are used; and the applicability of these methods in decision making.

**Stone Conservation** May 27 2022 First published in 1996, this volume has been substantially updated to reflect new research in the conservation of stone monuments, sculpture, and archaeological sites.

*An Annotated Catalog of Fossil and Subfossil Lepidoptera (Insecta: Holometabola) of the World* Apr 01 2020

*Lower Your Taxes - Big Time! 2009-2010 Edition* Mar 13 2021 "Almost every American can get a raise of \$3,000-\$15,000 or more annually courtesy of the United States Government." -David D'Arcangelo, author of *Wealth Starts at Home* "Will put thousands of dollars in your pocket every year and teach you, in clear simple steps, how to audit proof your records from the IRS forever." -Mark Victor Hansen, co-creator, #1 New York Times best-selling series *Chicken Soup for the Soul®* The classic tax-relief guide--updated to help you save more than ever! The amount Americans pay in taxes exceeds all other expenses combined. And with the economic downturn taking its toll on small businesses around the country, taxes are a greater financial burden than ever before. *Lower Your Taxes-Big Time, 2009-2010* shows consultants, business owners, and contractors how to slash their tax bills by thousands. Written by Sandy Botkin, CPA and former attorney for the IRS, this informative and engaging book explains how to Get a yearly subsidy of \$5,000 or more back from the IRS Properly document your business deductions Avoid any future audits by the IRS Deduct the equivalent of your child's education, braces, or wedding Take advantage of tax-free fringe benefits available to small businesses

Selenium Framework Design in Data-Driven Testing Dec 10 2020 Take a deep dive into building data-driven test frameworks using Selenium WebDriver Key Features A comprehensive guide to designing data-driven test frameworks using the Selenium 3 WebDriver API, AppiumDriver API, Java-Bindings, and TestNG Learn how to

use Selenium Page Object Design Patterns and D.R.Y. (Don't Repeat Yourself) Approaches to software development in automated testing Discover the Selenium Grid Architecture and build your own grid for browser and mobile devices Use third party tools and services like ExtentReports for results processing, reporting, and SauceLabs for cloud-based test services Book Description The Selenium WebDriver 3.x Technology is an open source API available to test both Browser and Mobile applications. It is completely platform independent in that tests built for one browser or mobile device, will also work on all other browsers and mobile devices. Selenium supports all major development languages which allow it to be tied directly into the technology used to develop the applications. This guide will provide a step-by-step approach to designing and building a data-driven test framework using Selenium WebDriver, Java, and TestNG. The book starts off by introducing users to the Selenium Page Object Design Patterns and D.R.Y Approaches to Software Development. In doing so, it covers designing and building a Selenium WebDriver framework that supports both Browser and Mobile Devices. It will lead the user through a journey of architecting their own framework with a scalable driver class, Java utility classes, JSON Data Provider, Data-Driven Test Classes, and support for third party tools and plugins. Users will learn how to design and build a Selenium Grid from scratch to allow the framework to scale and support different browsers, mobile devices, versions, and platforms, and how they can leverage third party grids in the Cloud like SauceLabs. Other topics covered include designing abstract base and sub-classes, inheritance, dual-driver support, parallel testing, testing multi-branded applications, best practices for using locators, and data encapsulation. Finally, you will be presented with a sample fully-functional framework to get them up and running with the Selenium WebDriver for browser testing. By the end of the book, you will be able to design your own automation testing framework and perform data-driven testing with Selenium WebDriver. What you will learn Design the Selenium Driver Class for local, remote, and third party grid support Build Page Object Classes using the Selenium Page Object Model Develop Data-Driven Test Classes using the TestNG framework Encapsulate Data using the JSON Protocol Build a Selenium Grid for RemoteWebDriver Testing Construct Utility Classes for use in Synchronization, File I/O, Reporting and Test Listener Classes Run the sample framework and see the benefits of a live data-driven framework in real-time Who this book is for This book is intended for software quality assurance/testing professionals, software project managers, or software developers with prior experience in using Selenium and Java to test web-based applications. This book is geared towards the quality assurance and development professionals responsible for designing and building enterprise-based testing frameworks. The user should have a working knowledge of the Java, TestNG, and Selenium technologies

*Total Exposure Health* Mar 01 2020 This book provides a comprehensive overview of the concept of "Total Exposure Health" and presents details on subject areas which make up the framework. It provides in-depth coverage of the science and technology supporting exposure and risk assessment. This includes advances in toxicology and the "-omics" as well as new techniques for exposure assessment. The book concludes with a discussion on bioethics implications, including ethical considerations related to genetic testing. ? Discusses advances in exposure monitoring Presents a systems biology approach to human exposures Examines how overall well-being translates to worker productivity Considers the link between work-related risk factors and health conditions Covers the study of genomics in precision medicine and exposure science Explores bioethics in genomic studies Aimed at the exposure professionals (industrial hygienists, toxicologists, public health, environmental engineers), geneticists, molecular biologists, engineers and managers in the health and safety industry as well as professionals in the public administration field.

*Soft Computing and Signal Processing* Aug 18 2021 The book includes research papers on current developments in the field of soft computing and signal processing, selected from papers presented at the International Conference on Soft Computing and Signal Processing (ICSCSP 2018). It features papers on current topics, such as soft sets, rough sets, fuzzy logic, neural networks, genetic algorithms and machine learning. It also discusses various aspects of these topics, like technologies, product implementation, and application issues.

**Software Testing** Jan 29 2020

**Agile Analytics** Jun 15 2021 Using Agile methods, you can bring far greater innovation, value, and quality to any data warehousing (DW), business intelligence (BI), or analytics project. However, conventional Agile methods must be carefully adapted to address the unique characteristics of DW/BI projects. In Agile Analytics, Agile pioneer Ken Collier shows how to do just that. Collier introduces platform-agnostic Agile solutions for integrating infrastructures consisting of diverse operational, legacy, and specialty systems that mix commercial and custom code. Using working examples, he shows how to manage analytics development teams with widely diverse skill sets and how to support enormous and fast-growing data volumes. Collier's techniques offer optimal value whether your projects involve "back-end" data management, "front-end" business analysis, or both. Part I focuses on Agile project management techniques and delivery team coordination, introducing core practices that shape the way your Agile DW/BI project community can collaborate toward success Part II presents technical methods for enabling continuous delivery of business value at production-quality levels, including evolving superior designs; test-driven

DW development; version control; and project automation Collier brings together proven solutions you can apply right now--whether you're an IT decision-maker, data warehouse professional, database administrator, business intelligence specialist, or database developer. With his help, you can mitigate project risk, improve business alignment, achieve better results--and have fun along the way.

**Big Data Analytics** Jun 27 2022 This book constitutes the refereed proceedings of the 7th International Conference on Big Data analytics, BDA 2019, held in Ahmedabad, India, in December 2019. The 25 papers presented in this volume were carefully reviewed and selected from 53 submissions. The papers are organized in topical sections named: big data analytics: vision and perspectives; search and information extraction; predictive analytics in medical and agricultural domains; graph analytics; pattern mining; and machine learning.

*Digital Typography Using LaTeX* Sep 18 2021 Using clear and concise language this book introduces new users to the use of the TeX system, in particular document preparation using LaTeX. It avoids the pitfalls of having to search through several advanced books on the subject, by collecting together the more frequently required tools and presenting these in a single accessible volume. It also describes the recent developments in multilingual typesetting using TeX that now make it straightforward for users to prepare documents in their own language and alphabet, giving the book a global readership. Topics include: multi-lingual uses of LaTeX; discussion of hardware implementations; use and misuse of particular LaTeX commands; and many others.

QuickTest Professional Unplugged Aug 06 2020 QuickTest Professional Unplugged, the first book written by author Tarun Lalwani and the first ever book on QTP as well, has already turned out a bestseller since its publication in 2009. Tarun Lalwani has won the Best Automation Book award in 2nd ATI Automation honors for the same. This book is good for those starting out a career in Testing Automation or even for those with few years of QTP experience. It is the culmination of 3 years of research and effort in this field. The book gives a pragmatic view of using QTP in various situations. And is recommended for those aspiring to be experts or advanced users of QTP. QTP Unplugged 2nd Edition comes with all the updates till QTP 11 in a new chapter and few minor fixes in the code. The new chapter covers many features that got added over the previous version of QTP. The chapter also discusses the Object Repository feature in details which had seen a major change from QTP 8.X to QTP 9. Quotes from the Reviewers "I find this to be a very pragmatic, hand's on book for those who want to extend their QTP skills beyond basic expert view programming. This book is written by a QTP master for those who wish to eventually become masters themselves." – Terry "Tarun Lalwani has singlehandedly helped thousands of people to expand their knowledge of QuickTest Professional. Here is a book the automated testing community has been crying-out for. This book will help QTP practitioners, from beginner to expert. I have used QTP from V6.0 and during the review I learnt something from every chapter." – Mark

*Genetics and Genomics of Populus* Jul 17 2021 Genetics and Genomics of Populus provides an indepth description of the genetic and genomic tools and approaches for Populus, examines the biology that has been elucidated using genomics, and looks to the future of this unique model plant. This volume is designed to serve both experienced Populus researchers and newcomers to the field. Contributors to the volume are a blend of researchers, some who have spent most of their research career on Populus and others that have moved to Populus from other model systems. Research on Populus forms a useful complement to research on Arabidopsis. In fact, many plant species found in nature are – in terms of the life history and genetics – more similar to Populus than to Arabidopsis. Thus, the genetic and genomic strategies and tools developed by the Populus community, and showcased in this volume, will hopefully provide inspiration for researchers working in other, less well developed, systems.