

Model Building In Mathematical Programming Williams Book

Williams Textbook of Endocrinology E-Book Windows 2000 Systems Programming Black Book The Art of C Programming Extreme Programming Refactored Head First JavaScript Programming The Database Hacker's Handbook Defending Database Large Scale Linear and Integer Optimization: A Unified Approach Dr. Dobb's Journal Shared Memory Application Programming Your Guide to Government Financial Assistance for Business in Quebec Computational Thinking and Coding for Every Student Agile Software Development Upgrading to PHP 5 Official Gazette The Scrum Field Guide Postmodernism and Popular Culture Mastering Python Networks in Action The HBO Effect Encyclopedia of Computer Science and Technology Shlomo Melmed Al Williams Barrett Williams Don Rosenberg Eric Freeman David Litchfield Chris Anley John Heasman Bill Gri Richard Kipp Martin Victor Alessandrini Williamson, Iain Jane Krauss Torgeir Dingsøy Adam Trachtenberg Philippines Mitch Lacey John Docker Williams Asiedu Gerard Sierksma Dean J. DeFino Jack Belzer

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expertly bridging the gap between basic science and clinical information williams textbook of endocrinology 14th edition brings together an outstanding collection of world renowned authors to provide authoritative discussions of the full spectrum of adult and pediatric endocrine system disorders new chapters and significant revisions throughout keep you up to date with recent advances in medications therapies clinical trials and more this essential reference is a must have resource for endocrinologists endocrine surgeons gynecologists internists pediatricians and other clinicians who need current comprehensive coverage of this multifaceted field up to date with recent advances in medications therapies and clinical trials provides state of the art coverage of diabetes metabolic syndrome metabolic bones disorders obesity thyroid disease testicular disorders newly defined adrenal disorders and much more all designed

to help you provide optimal care to every patient contains new chapters on global burden of endocrine disease navigation of endocrine guidelines and transgender endocrinology includes significant updates to the diabetes section including a new chapter on physiology of insulin secretion and greater coverage of type 2 diabetes presents current information in a highly illustrated user friendly format for quick reference enhanced ebook version included with purchase your enhanced ebook allows you to access all of the text figures and references from the book on a variety of devices

programmers are shown little known areas of windows nts to enable them to write more efficient and powerful programs using nt technology topics include multitasking and threading active directory services microsoft message queue overlapped i o advanced memory management and more the cd rom features coverage of the registry shareware and freeware utilities for programmers and tips and tricks for writing code

unlock the door to the powerful world of c programming with the art of c programming your comprehensive guide to mastering one of the most enduring and versatile programming languages designed for both beginners and those looking to sharpen their skills this ebook offers a clear path from fundamental concepts to advanced techniques ensuring you gain not only knowledge but also confidence in your coding abilities start your journey by exploring the rich history of c and why it remains a critical skill in today s tech driven landscape follow step by step instructions to set up your development environment and dive into the syntax and structure of writing your first c program as you progress you ll build a solid foundation with data types variables operators and expressions navigate through control structures and functions discovering how to create clean and efficient code delve into more complex topics such as arrays pointers and dynamic memory management understand the intricacies of strings structures and unions and learn how to manage files and streams effectively enhance your programming skillset with chapters dedicated to error handling preprocessor directives and the c standard library explore system programming and low level hardware interactions opening doors to demanding roles in embedded systems and network programming equip yourself with best practices for maintaining code quality and debugging essential for mastering real world applications and large scale software development with ample examples and clear explanations the art of c programming prepares you for a successful career backed by powerful c programming skills whether you re aiming to write efficient reliable code for demanding applications or seeking to expand your programming capabilities this book is the perfect roadmap for journeying from novice to professional in the world of c seize the opportunity to excel in programming with the art of c programming

extreme programming refactored the case against xp featuring songs of the extremos takes a satirical look at the increasingly hyped extreme programming xp methodology it explores some quite astonishing extremo quotes that have typified the xp approach quotes such as xpers are not afraid of oral documentation schedule is the customer s problem dependencies between requirements are more a matter of fear than

reality and concentration is the enemy in between the chuckles though there is a serious analysis of xp s many flaws the authors also examine c3 the first xp project whose team most of whom went on to get xp book deals shortly before c3 s cancellation described themselves as the best team on the face of the earth in a later chapter the authors also note that one problem which can affect pair programmers is overconfidence or is that excessive courage the authors examine whether the problems that led to c3 s inexplicable cancellation could also afflict present day xp projects in the final chapter refactoring xp matt and doug suggest some ways of achieving the agile goals of xp using some xp practices used in moderation combined with other less risk laden methods

what will you learn from this book this brain friendly guide teaches you everything from javascript language fundamentals to advanced topics including objects functions and the browser s document object model you won t just be reading you ll be playing games solving puzzles pondering mysteries and interacting with javascript in ways you never imagined and you ll write real code lots of it so you can start building your own web applications prepare to open your mind as you learn and nail key topics including the inner details of javascript how javascript works with the browser the secrets of javascript types using arrays the power of functions how to work with objects making use of prototypes understanding closures writing and testing applications what s so special about this book we think your time is too valuable to waste struggling with new concepts using the latest research in cognitive science and learning theory to craft a multi sensory learning experience head first javascript programming uses a visually rich format designed for the way your brain works not a text heavy approach that puts you to sleep this book replaces head first javascript which is now out of print

this is a textbook about linear and integer linear optimization there is a growing need in industries such as airline trucking and financial engineering to solve very large linear and integer linear optimization problems building these models requires uniquely trained individuals not only must they have a thorough understanding of the theory behind mathematical programming they must have substantial knowledge of how to solve very large models in today s computing environment the major goal of the book is to develop the theory of linear and integer linear optimization in a unified manner and then demonstrate how to use this theory in a modern computing environment to solve very large real world problems after presenting introductory material in part i part ii of this book is devoted to the theory of linear and integer linear optimization this theory is developed using two simple but unifying ideas projection and inverse projection through projection we take a system of linear inequalities and replace some of the variables with additional linear inequalities inverse projection the dual of this process involves replacing linear inequalities with additional variables fundamental results such as weak and strong duality theorems of the alternative complementary slackness sensitivity analysis finite basis theorems etc are all explained using projection or inverse projection indeed a unique feature of this book is that these fundamental results are developed and explained before the simplex and interior point algorithms are

presented

shared memory application programming presents the key concepts and applications of parallel programming in an accessible and engaging style applicable to developers across many domains multithreaded programming is today a core technology at the basis of all software development projects in any branch of applied computer science this book guides readers to develop insights about threaded programming and introduces two popular platforms for multicore development openmp and intel threading building blocks tbb author victor alessandrini leverages his rich experience to explain each platform s design strategies analyzing the focus and strengths underlying their often complementary capabilities as well as their interoperability the book is divided into two parts the first develops the essential concepts of thread management and synchronization discussing the way they are implemented in native multithreading libraries windows threads pthreads as well as in the modern c 11 threads standard the second provides an in depth discussion of tbb and openmp including the latest features in openmp 4 0 extensions to ensure readers skills are fully up to date focus progressively shifts from traditional thread parallelism to modern task parallelism deployed by modern programming environments several chapter include examples drawn from a variety of disciplines including molecular dynamics and image processing with full source code and a software library incorporating a number of utilities that readers can adapt into their own projects designed to introduce threading and multicore programming to teach modern coding strategies for developers in applied computing leverages author victor alessandrini s rich experience to explain each platform s design strategies analyzing the focus and strengths underlying their often complementary capabilities as well as their interoperability includes complete up to date discussions of openmp 4 0 and tbb based on the author s training sessions including information on source code and software libraries which can be repurposed

empower tomorrow s tech innovators our students are avid users and consumers of technology isn t it time that they see themselves as the next technological innovators too computational thinking and coding for every student is the beginner s guide for k 12 educators who want to learn to integrate the basics of computer science into their curriculum readers will find strategies and activities for teaching computational thinking and coding inside and outside of school at any grade level across disciplines instruction ready lessons for every grade a discussion guide and companion website with videos activities and other resources

agile software development has become an umbrella term for a number of changes in how software developers plan and coordinate their work how they communicate with customers and external stakeholders and how software development is organized in small medium and large companies from the telecom and healthcare sectors to games and interactive media still after a decade of research agile software development is the source of continued debate due to its multifaceted nature and insufficient synthesis of research results dingsøyr dybå and moe now present a comprehensive snapshot of the knowledge gained over many years of research by those working closely with or in the industry it

shows the current state of research on agile software development through an introduction and ten invited contributions on the main research fields each written by renowned experts these chapters cover three main issues foundations and background of agile development agile methods in practice and principal challenges and new frontiers they show the important results in each subfield and in addition they explain what these results mean to practitioners as well as for future research in the field the book is aimed at reflective practitioners and researchers alike and it also can serve as the basis for graduate courses at universities

if you re using php 4 then chances are good that an upgrade to php 5 is in your future the more you ve heard about the exciting new features in php 5 the sooner that upgrade is probably going to be although an in depth soup to nuts reference guide to the language is good to have on hand it s not the book an experienced php programmer needs to get started with the latest release what you need is a lean and focused guide that answers your most pressing questions what s new with the technology what s different and how do i make the best use of it in other words you need a copy of upgrading to php 5 this book is targeted toward php developers who are already familiar with php 4 rather than serve as a definitive guide to the entire language the book zeroes in on php 5 s new features and covers these features definitively you ll find a concise appraisal of the differences between php 4 and php 5 a detailed look at what s new in this latest version and you ll see how php 5 improves on php 4 code see php 4 and php 5 code side by side to learn how the new features make it easier to solve common php problems each new feature is shown in code helping you understand why it s there when to use it and how it s better than php 4 short sample programs are included throughout the book topics covered in upgrading to php 5 include the new set of robust object oriented programming features an improved mysql extension supporting mysql 4 1 prepared statements and bound parameters completely rewritten support for xml dom xslt sax and simplexml easy web services with soap sqlite an embedded database library bundled with php 5 cleaner error handling with exceptions other new language features such as iterators streams and more upgrading to php 5 won t make you wade through information you ve covered before written by adam trachtenberg coauthor of the popular php cookbook this book will take you straight into the heart of all that s new in php 5 by the time you ve finished you ll know php 5 in practice as well as in theory

thousands of organizations are adopting scrum to transform the way they execute complex projects in software and beyond this guide will give you the skills and confidence needed to deploy scrum resulting in high performing teams and satisfied customers drawing on years of hands on experience helping companies succeed certified scrum trainer cst mitch lacey helps you overcome the major challenges of scrum adoption and the deeper issues that emerge later extensively revised to reflect improved scrum practices and tools this edition adds an all new section of tips from the field lacey covers many new topics including immersive interviewing collaborative estimation and deepening business alignment in 35 engaging chapters you ll learn how to build support and maximize value across your company now part of

the renowned mike cohn signature series on agile development this pragmatic guide addresses everything from establishing roles and priorities to determining team velocity setting sprint length and conducting customer reviews coverage includes bringing teams and new team members on board creating a workable definition of done planning for short term wins and removing impediments to success balancing predictability and adaptability in release planning running productive daily scrums fixing failing sprints accurately costing projects and measuring the value they deliver managing risks in dynamic scrum projects prioritizing and estimating backlogs working with distributed and offshore teams institutionalizing improvements and extending agility throughout the organization packed with real world examples straight from lacey s experience this book will be invaluable to anyone transitioning to scrum seeking to improve their early results or trying to get back on track

an intellectual adventure this book engages with some of the most important academic debates of our time

mastering python is a comprehensive guide that takes you on a practical journey from the fundamentals of python programming to advanced techniques across various domains this book is carefully crafted for both beginners and aspiring developers who want to build real world skills and apply python in modern technological fields the book begins by establishing a strong foundation in python covering essential concepts such as variables data types loops functions and object oriented programming before moving on to more powerful capabilities like file handling working with apis and managing data structures what makes mastering python unique is its hands on approach to teaching through modules that reflect real world needs readers will explore the pyttsx3 library for converting text to speech enabling them to build applications with voice output with the faker module they ll learn how to generate realistic data for testing and development making them more efficient in software creation for those interested in visual content the book dives into the turtle module for drawing and simple animation and pillow pil for professional image editing and manipulation readers will also gain practical knowledge in creating qr codes setting up lightweight http servers sending emails using yagmail and working with databases using sqlite3 other critical modules like pickle and json are explained in depth to help readers master data serialization a vital concept in modern software applications even the use of emojis is explored showing how python can be expressive and fun while remaining powerful beyond the modules mastering python prepares readers for broader opportunities whether your goal is to move into app development graphic design game development data analysis automation or even artificial intelligence and machine learning this book lays the essential groundwork each chapter is packed with explanations examples and mini projects that gradually build your confidence and skills by the end of this book readers won t just know python they will have mastered it in a way that opens doors to building real applications solving real problems and venturing into fields where python is the backbone mastering python isn t just a book it s a roadmap a transformation from curious beginner to skilled pythonist equipped with the tools libraries and mindset needed to thrive in

today's tech driven world

one of the most well known of all network optimization problems is the shortest path problem where a shortest connection between two locations in a road network is to be found this problem is the basis of route planners in vehicles and on the internet networks are very common structures they consist primarily of a finite number of locations points nodes together with a number of links edges arcs connections between the locations very often a certain number is attached to the links expressing the distance or the cost between the end points of that connection networks occur in an extremely wide range of applications among them are road networks cable networks human relations networks project scheduling networks production networks distribution networks neural networks networks of atoms in molecules in all these cases there are objects and relations between the objects a network optimization problem is actually nothing else than the problem of finding a subset of the objects and the relations such that a certain optimization objective is satisfied

no advertisers to please no censors to placate no commercial interruptions every eleven minutes demanding cliffhangers to draw viewers back after the commercial breaks hbo has rewritten the rules of television and the result has been nothing short of a cultural ground shift the hbo effect details how the fingerprints of hbo are all over contemporary film and television their capability to focus on smaller markets made shows like sex and the city the sopranos the wire and even the more recent game of thrones and girls trigger shows on basic cable networks to follow suit hbo pioneered the use of hdtv and the widescreen format production and distribution deals leading to market presence and the promotion of greater diversity on tv discussing issues of class and race the hbo effect examines this rich and unique history for clues to its remarkable impact upon television and popular culture it's time to take a wide angle look at hbo as a producer of american culture

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