The Reasoned Schemer Daniel P Friedman

The Little Schemer, fourth edition The Seasoned Schemer, second edition *The Seasoned Schemer, second edition* The Reasoned Schemer, second edition **The Little LISPer** *Essentials of Programming Languages, third edition* **Scheme and the Art of Programming The Little Prover** The Little Typer **Simply Scheme The Scheme Programming Language** Programming and Meta-Programming in Scheme Essentials of Programming Languages *The Little Prover* Second Thoughts are Best *Realm of Racket* **Social Intelligence How to Design Programs, second edition** Executive Clemency **Exploring Computer Science with Scheme Speech & Language Processing Bubble in the Sun** Programming in Scheme **Understanding the Linux Kernel** The Boy in the Striped Pyjamas How Democracies Die *Software Abstractions, revised edition* **Thinking, Fast and Slow Anatomy of LISP There There** *Lectures on K3 Surfaces* The Boys in the Boat Aristotle and Dante Discover the Secrets of the Universe *Attached The Little MLer* The Joy of Clojure *Judgment Under Uncertainty Pricing Carbon* **Kinds Of Minds A Little Java, a Few Patterns**

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The Little Typer Feb 20 2022 An introduction to dependent types, demonstrating the most beautiful aspects, one step at a time. A program's type describes its behavior. Dependent types are a first-class part of a language, and are much more powerful than other kinds of types; using just one language for types and programs allows program descriptions to be as powerful as the programs they describe. The Little Typer explains dependent types, beginning with a very small language that looks very much like Scheme and extending it to cover both programming with dependent types and using dependent types for mathematical reasoning. Readers should be familiar with the basics of a Lisp-like programming language, as presented in the first four chapters of The Little Schemer. The first five chapters of The Little Typer provide the needed tools to understand dependent types; the remaining chapters use these tools to build a bridge between mathematics and programming. Readers will learn that tools they know from programming—pairs, lists, functions, and recursion—can also capture patterns of reasoning. The Little Typer does not attempt to teach either practical programming skills or a fully rigorous approach to types. Instead, it demonstrates the most beautiful

aspects as simply as possible, one step at a time.

Scheme and the Art of Programming Apr 24 2022

The Boys in the Boat Feb 29 2020 The #1 New York Times–bestselling story about the American Olympic rowing triumph in Nazi Germany—from the author of Facing the Mountain. For readers of Unbroken, out of the depths of the Depression comes an irresistible story about beating the odds and finding hope in the most desperate of times—the improbable, intimate account of how nine working-class boys from the American West showed the world at the 1936 Olympics in Berlin what true grit really meant. It was an unlikely quest from the start. With a team composed of the sons of loggers, shipyard workers, and farmers, the University of Washington's eight-oar crew team was never expected to defeat the elite teams of the East Coast and Great Britain, yet they did, going on to shock the world by defeating the German team rowing for Adolf Hitler. The emotional heart of the tale lies with Joe Rantz, a teenager without family or prospects, who rows not only to regain his shattered self-regard but also to find a real place for himself in the world. Drawing on the boys' own journals and vivid memories of a once-in-a-lifetime shared dream, Brown has created an unforgettable portrait of an era, a celebration of a remarkable achievement, and a chronicle of one extraordinary young man's personal quest.

The Little Schemer, fourth edition Oct 31 2022 The notion that "thinking about computing is one of the most exciting things the human mind can do" sets both The Little Schemer (formerly known as The Little LISPer) and its new companion volume, The Seasoned Schemer, apart from other books on

LISP. The authors' enthusiasm for their subject is compelling as they present abstract concepts in a humorous and easy-to-grasp fashion. Together, these books will open new doors of thought to anyone who wants to find out what computing is really about. The Little Schemer introduces computing as an extension of arithmetic and algebra; things that everyone studies in grade school and high school. It introduces programs as recursive functions and briefly discusses the limits of what computers can do. The authors use the programming language Scheme, and interesting foods to illustrate these abstract ideas. The Seasoned Schemer informs the reader about additional dimensions of computing: functions as values, change of state, and exceptional cases. The Little LISPer has been a popular introduction to LISP for many years. It had appeared in French and Japanese. The Little Schemer and The Seasoned Schemer are worthy successors and will prove equally popular as textbooks for Scheme courses as well as companion texts for any complete introductory course in Computer Science.
The Little MLer Nov 27 2019 with a foreword by Robin Milnerand drawings by Duane Bibby Over the past few years, ML has emerged as one of the most important members of the family of programming languages. Many professors in the United States and other countries use ML to teach courses on the principles of programming and on programming languages. In addition, ML has emerged as a natural language for software engineering courses because it provides the most sophisticated and expressive module system currently available.Felleisen and Friedman are well known for gently introducing

readers to difficult ideas. The Little MLer is an introduction to thinking about programming and the ML programming language. The authors introduce those new to programming, as well as those experienced in other programming languages, to the principles of types, computation, and program construction. Most important, they help the reader to think recursively with types about programs. Executive Clemency Apr 12 2021 Nearly every country in the world has a mechanism for executive clemency, which, though residual in most legal systems, serves as a vital due process safeguard and as an outlet for leniency in punishment. While the origins of clemency lie in the historical prerogative powers of once-absolute rulers, modern clemency laws and practices have evolved to be enormously varied. This volume brings comparative and empirical analysis to bear on executive clemency, building a sociological and political context around systematically-collected data on clemency laws, grants, and decision-making. Some jurisdictions have elaborate constitutional and legal structures for pardoning or commuting a sentence while virtually never doing so, while others have little formal process and yet grant clemency frequently. Using examples from Asia, Europe, Latin America, the Caribbean, and the USA, this comparative analysis of the law and the practice of clemency sheds light on a frequently misunderstood executive power. This book builds on existing academic scholarship and expands the limited geographical scope of prior research, which has tended to focus on North America, the UK, and Australia. It relays the latest state of knowledge on the topic and

employs case studies, doctrinal legal analysis, historical research, and statements by clemency decision-making authorities, in explaining why clemency varies so considerably across global legal and political systems. In addition, it includes contributions encompassing international law, transitional justice, and innocence and wrongful convictions, as well as on jurisdictions that are historically under-researched. The book will be of value to practitioners, academics, and students interested in the fields of human rights, criminal law, comparative criminal justice, and international relations.

The Scheme Programming Language Dec 21 2021 Basic, no nonsense introduction to the programming language Scheme
The Little Prover Sep 17 2021 An introduction to writing proofs about computer programs, written in an accessible question-and-answer style, complete with step-by-step examples and a simple proof assistant. The Little Prover introduces inductive proofs as a way to determine facts about computer programs. It is written in an approachable, engaging style of question-and-answer, with the characteristic humor of The Little Schemer (fourth edition, MIT Press). Sometimes the best way to learn something is to sit down and do it; the book takes readers through step-by-step examples showing how to write inductive proofs. The Little Prover assumes only knowledge of recursive programs and lists (as presented in the first three chapters of The Little Schemer) and uses only a few terms beyond what novice programmers already know. The book comes with a simple proof assistant to help readers work through the book and complete solutions to every example.
Aristotle and Dante

Discover the Secrets of the Universe Jan 28 2020 Fifteen-year-old Ari Mendoza is an angry loner with a brother in prison, but when he meets Dante and they become friends, Ari starts to ask questions about himself, his parents and his family that he has never asked before.

The Joy of Clojure Oct 26 2019 Summary The Joy of Clojure, Second Edition is a deep look at the Clojure language. Fully updated for Clojure 1.6, this new edition goes beyond just syntax to show you the "why" of Clojure and how to write fluent Clojure code. You'll learn functional and declarative approaches to programming and will master the techniques that make Clojure so elegant and efficient. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology The Clojure programming language is a dialect of Lisp that runs on the Java Virtual Machine and JavaScript runtimes. It is a functional programming language that offers great performance, expressive power, and stability by design. It gives you built-in concurrency and the predictable precision of immutable and persistent data structures. And it's really, really fast. The instant you see long blocks of Java or Ruby dissolve into a few lines of Clojure, you'll know why the authors of this book call it a "joyful language." It's no wonder that enterprises like Staples are betting their infrastructure on Clojure. About the Book The Joy of Clojure, Second Edition is a deep account of the Clojure language. Fully updated for Clojure 1.6, this new edition goes beyond the syntax to show you how to write fluent Clojure code. You'll learn functional and declarative approaches to programming and will master techniques that make Clojure

elegant and efficient. The book shows you how to solve hard problems related to concurrency, interoperability, and performance, and how great it can be to think in the Clojure way. Appropriate for readers with some experience using Clojure or common Lisp. What's Inside Build web apps using ClojureScript Master functional programming techniques Simplify concurrency Covers Clojure 1.6 About the Authors Michael Fogus and Chris Houser are contributors to the Clojure and ClojureScript programming languages and the authors of various Clojure libraries and language features. Table of Contents PART 1 FOUNDATIONS Clojure philosophy Drinking from the Clojure fire hose Dipping your toes in the pool PART 2 DATA TYPES On scalars Collection types PART 3 FUNCTIONAL PROGRAMMING Being lazy and set in your ways Functional programming PART 4 LARGE-SCALE DESIGN Macros Combining data and code Mutation and concurrency Parallelism PART 5 HOST SYMBIOSIS Java.next Why ClojureScript? PART 6 TANGENTIAL CONSIDERATIONS Data-oriented programming Performance Thinking programs Clojure changes the way you think **The Little Prover** Mar 24 2022 An introduction to writing proofs about computer programs, written in an accessible question-and-answer style, complete with step-by-step examples and a simple proof assistant. The Little Prover introduces inductive proofs as a way to determine facts about computer programs. It is written in an approachable, engaging style of question-and-answer, with the characteristic humor of The Little Schemer (fourth edition, MIT Press). Sometimes the best way to learn something is to sit down and do it; the book takes readers

through step-by-step examples showing how to write inductive proofs. The Little Prover assumes only knowledge of recursive programs and lists (as presented in the first three chapters of The Little Schemer) and uses only a few terms beyond what novice programmers already know. The book comes with a simple proof assistant to help readers work through the book and complete solutions to every example.

Programming and Meta-Programming in Scheme Nov 19 2021 A comprehensive first course in Scheme, covering all of its major features: abstraction, functional programming, data types, recursion, and semantic programming. Although the primary goal is to teach students to program in Scheme, this will be suitable for anyone taking a general programming principles course. Each chapter is divided into three sections: core, appendix , and problems. Most essential topics are covered in the core section, but it is assumed that most students will read the appendices and solve most of the problems - all of which require short Scheme procedures. As well as providing a thorough grounding in Scheme, the author discusses different programming paradigms in depth. An important theme throughout is that of "meta-programming", thus providing an insight into topics such as type-checking and overloading which might otherwise be missed.

Simply Scheme Jan 22 2022 Showing off scheme - Functions - Expressions - Defining your own procedures - Words and sentences - True and false - Variables - Higher-order functions - Lambda - Introduction to recursion - The leap of faith - How recursion works - Common patterns in recursive procedures - Advanced recursion - Example : the

functions program - Files - Vectors - Example : a spreadsheet program - Implementing the spreadsheet program - What's next?

Anatomy of LISP Jun 02 2020 How Democracies Die Sep 05 2020 NEW YORK TIMES BESTSELLER • "Comprehensive, enlightening, and terrifyingly timely."—The New York Times Book Review (Editors' Choice) WINNER OF THE GOLDSMITH BOOK PRIZE • SHORTLISTED FOR THE LIONEL GELBER PRIZE • NAMED ONE OF THE BEST BOOKS OF THE YEAR BY The Washington Post • Time • Foreign Affairs • WBUR • Paste Donald Trump's presidency has raised a question that many of us never thought we'd be asking: Is our democracy in danger? Harvard professors Steven Levitsky and Daniel Ziblatt have spent more than twenty years studying the breakdown of democracies in Europe and Latin America, and they believe the answer is yes. Democracy no longer ends with a bang—in a revolution or military coup—but with a whimper: the slow, steady weakening of critical institutions, such as the judiciary and the press, and the gradual erosion of long-standing political norms. The good news is that there are several exit ramps on the road to authoritarianism. The bad news is that, by electing Trump, we have already passed the first one. Drawing on decades of research and a wide range of historical and global examples, from 1930s Europe to contemporary Hungary, Turkey, and Venezuela, to the American South during Jim Crow, Levitsky and Ziblatt show how democracies die—and how ours can be saved. Praise for How Democracies Die "What we desperately need is a sober, dispassionate look at the current state of affairs. Steven

Levitsky and Daniel Ziblatt, two of the most respected scholars in the field of democracy studies, offer just that."—The Washington Post "Where Levitsky and Ziblatt make their mark is in weaving together political science and historical analysis of both domestic and international democratic crises; in doing so, they expand the conversation beyond Trump and before him, to other countries and to the deep structure of American democracy and politics."—Ezra Klein, Vox "If you only read one book for the rest of the year, read How Democracies Die. . . .This is not a book for just Democrats or Republicans. It is a book for all Americans. It is nonpartisan. It is fact based. It is deeply rooted in history. . . . The best commentary on our politics, no contest."—Michael Morrell, former Acting Director of the Central Intelligence Agency (via Twitter) "A smart and deeply informed book about the ways in which democracy is being undermined in dozens of countries around the world, and in ways that are perfectly legal."—Fareed Zakaria, CNN *The Seasoned Schemer, second edition* Aug 29 2022 The notion that "thinking about computing is one of the most exciting things the human mind can do" sets both The Little Schemer (formerly known as The Little LISPer) and its new companion volume, The Seasoned Schemer, apart from other books on LISP. The authors' enthusiasm for their subject is compelling as they present abstract concepts in a humorous and easy-to-grasp fashion. Together, these books will open new doors of thought to anyone who wants to find out what computing is really about. The Little Schemer introduces computing as an extension of arithmetic and algebra; things that everyone studies in grade school and high school. It

introduces programs as recursive functions and briefly discusses the limits of what computers can do. The authors use the programming language Scheme, and interesting foods to illustrate these abstract ideas. The Seasoned Schemer informs the reader about additional dimensions of computing: functions as values, change of state, and exceptional cases. The Little LISPer has been a popular introduction to LISP for many years. It had appeared in French and Japanese. The Little Schemer and The Seasoned Schemer are worthy successors and will prove equally popular as textbooks for Scheme courses as well as companion texts for any complete introductory course in Computer Science.
Essentials of Programming Languages, third edition May 26 2022 A new edition of a textbook that provides students with a deep, working understanding of the essential concepts of programming languages, completely revised, with significant new material. This book provides students with a deep, working understanding of the essential concepts of programming languages. Most of these essentials relate to the semantics, or meaning, of program elements, and the text uses interpreters (short programs that directly analyze an abstract representation of the program text) to express the semantics of many essential language elements in a way that is both clear and executable. The approach is both analytical and hands-on. The book provides views of programming languages using widely varying levels of abstraction, maintaining a clear connection between the high-level and low-level views. Exercises are a vital part of the text and are scattered

throughout; the text explains the key concepts, and the exercises explore alternative designs and other issues. The complete Scheme code for all the interpreters and analyzers in the book can be found online through The MIT Press web site. For this new edition, each chapter has been revised and many new exercises have been added. Significant additions have been made to the text, including completely new chapters on modules and continuation-passing style. Essentials of Programming Languages can be used for both graduate and undergraduate courses, and for continuing education courses for programmers.

Bubble in the Sun Jan 10 2021 Christopher Knowlton, author of Cattle Kingdom and former Fortune writer, takes an in-depth look at the spectacular Florida land boom of the 1920s and shows how it led directly to the Great Depression. The 1920s in Florida was a time of incredible excess, immense wealth, and precipitous collapse. The decade there produced the largest human migration in American history, far exceeding the settlement of the West, as millions flocked to the grand hotels and the new cities that rose rapidly from the teeming wetlands. The boom spawned a new subdivision civilization—and the most egregious large-scale assault on the environment in the name of "progress." Nowhere was the glitz and froth of the Roaring Twenties more excessive than in Florida. Here was Vegas before there was a Vegas: gambling was condoned and so was drinking, since prohibition was not enforced. Tycoons, crooks, and celebrities arrived en masse to promote or exploit this new and dazzling American frontier in the sunshine. Yet, the import and deep impact of these

historical events have never been explored thoroughly until now. In Bubble in the Sun Christopher Knowlton examines the grand artistic and entrepreneurial visions behind Coral Gables, Boca Raton, Miami Beach, and other storied sites, as well as the darker side of the frenzy. For while giant fortunes were being made and lost and the nightlife raged more raucously than anywhere else, the pure beauty of the Everglades suffered wanton ruination and the workers, mostly black, who built and maintained the boom, endured grievous abuses. Knowlton breathes dynamic life into the forces that made and wrecked Florida during the decade: the real estate moguls Carl Fisher, George Merrick, and Addison Mizner, and the once-in-a-century hurricane whose aftermath triggered the stock market crash. This essential account is a revelatory—and riveting—history of an era that still affects our country today.

Speech & Language Processing Feb 08 2021 Essentials of Programming Languages Oct 19 2021 This textbook offers an understanding of the essential concepts of programming languages. The text uses interpreters, written in Scheme, to express the semantics of many essential language elements in a way that is both clear and directly executable.

How to Design Programs, second edition May 14 2021 A completely revised edition, offering new design recipes for interactive programs and support for images as plain values, testing, event-driven programming, and even distributed programming. This introduction to programming places computer science at the core of a liberal arts education. Unlike other introductory books, it focuses on the program design process, presenting program design

guidelines that show the reader how to analyze a problem statement, how to formulate concise goals, how to make up examples, how to develop an outline of the solution, how to finish the program, and how to test it. Because learning to design programs is about the study of principles and the acquisition of transferable skills, the text does not use an off-the-shelf industrial language but presents a tailor-made teaching language. For the same reason, it offers DrRacket, a programming environment for novices that supports playful, feedback-oriented learning. The environment grows with readers as they master the material in the book until it supports a full-fledged language for the whole spectrum of programming tasks. This second edition has been completely revised. While the book continues to teach a systematic approach to program design, the second edition introduces different design recipes for interactive programs with graphical interfaces and batch programs. It also enriches its design recipes for functions with numerous new hints. Finally, the teaching languages and their IDE now come with support for images as plain values, testing, event-driven programming, and even distributed programming.

Social Intelligence Jun 14 2021 Emotional Intelligence was an international phenomenon, appearing on the New York Times bestseller list for over a year and selling more than five million copies worldwide. Now, once again, Daniel Goleman has written a groundbreaking synthesis of the latest findings in biology and brain science, revealing that we are "wired to connect" and the surprisingly deep impact of our relationships on every aspect of our lives. Far more than we are consciously

aware, our daily encounters with parents, spouses, bosses, and even strangers shape our brains and affect cells throughout our bodies—down to the level of our genes—for good or ill. In Social Intelligence, Daniel Goleman explores an emerging new science with startling implications for our interpersonal world. Its most fundamental discovery: we are designed for sociability, constantly engaged in a "neural ballet" that connects us brain to brain with those around us. Our reactions to others, and theirs to us, have a far-reaching biological impact, sending out cascades of hormones that regulate everything from our hearts to our immune systems, making good relationships act like vitamins—and bad relationships like poisons. We can "catch" other people's emotions the way we catch a cold, and the consequences of isolation or relentless social stress can be life-shortening. Goleman explains the surprising accuracy of first impressions, the basis of charisma and emotional power, the complexity of sexual attraction, and how we detect lies. He describes the "dark side" of social intelligence, from narcissism to Machiavellianism and psychopathy. He also reveals our astonishing capacity for "mindsight," as well as the tragedy of those, like autistic children, whose mindsight is impaired. Is there a way to raise our children to be happy? What is the basis of a nourishing marriage? How can business leaders and teachers inspire the best in those they lead and teach? How can groups divided by prejudice and hatred come to live together in peace? The answers to these questions may not be as elusive as we once thought. And Goleman delivers his most heartening news with powerful conviction: we

humans have a built-in bias toward empathy, cooperation, and altruism–provided we develop the social intelligence to nurture these capacities in ourselves and others.

Thinking, Fast and Slow Jul 04 2020 Major New York Times bestseller Winner of the National Academy of Sciences Best Book Award in 2012 Selected by the New York Times Book Review as one of the ten best books of 2011 A Globe and Mail Best Books of the Year 2011 Title One of The Economist's 2011 Books of the Year One of The Wall Street Journal's Best Nonfiction Books of the Year 2011 2013 Presidential Medal of Freedom Recipient Kahneman's work with Amos Tversky is the subject of Michael Lewis's The Undoing Project: A Friendship That Changed Our Minds In the international bestseller, Thinking, Fast and Slow, Daniel Kahneman, the renowned psychologist and winner of the Nobel Prize in Economics, takes us on a groundbreaking tour of the mind and explains the two systems that drive the way we think. System 1 is fast, intuitive, and emotional; System 2 is slower, more deliberative, and more logical. The impact of overconfidence on corporate strategies, the difficulties of predicting what will make us happy in the future, the profound effect of cognitive biases on everything from playing the stock market to planning our next vacation—each of these can be understood only by knowing how the two systems shape our judgments and decisions. Engaging the reader in a lively conversation about how we think, Kahneman reveals where we can and cannot trust our intuitions and how we can tap into the benefits of slow thinking. He offers practical and enlightening insights into how choices are made in

both our business and our personal lives—and how we can use different techniques to guard against the mental glitches that often get us into trouble. Winner of the National Academy of Sciences Best Book Award and the Los Angeles Times Book Prize and selected by The New York Times Book Review as one of the ten best books of 2011, Thinking, Fast and Slow is destined to be a classic. **Exploring Computer Science with Scheme** Mar 12 2021 A presentation of the central and basic concepts, techniques, and tools of computer science, with the emphasis on presenting a problem-solving approach and on providing a survey of all of the most important topics covered in degree programmes. Scheme is used throughout as the programming language and the author stresses a functional programming approach to create simple functions so as to obtain the desired programming goal. Such simple functions are easily tested individually, which greatly helps in producing programs that work correctly first time. Throughout, the author aids to writing programs, and makes liberal use of boxes with "Mistakes to Avoid." Programming examples include: * abstracting a problem; * creating pseudo code as an intermediate solution; * top-down and bottom-up design; * building procedural and data abstractions; * writing progams in modules which are easily testable. Numerous exercises help readers test their understanding of the material and develop ideas in greater depth, making this an ideal first course for all students coming to computer science for the first time. *Realm of Racket* Jul 16 2021 Racket is a descendant of Lisp, a programming language renowned for its elegance, power, and challenging learning curve. But while Racket

retains the functional goodness of Lisp, it was designed with beginning programmers in mind. Realm of Racket is your introduction to the Racket language. In Realm of Racket, you'll learn to program by creating increasingly complex games. Your journey begins with the Guess My Number game and coverage of some basic Racket etiquette. Next you'll dig into syntax and semantics, lists, structures, and conditionals, and learn to work with recursion and the GUI as you build the Robot Snake game. After that it's on to lambda and mutant structs (and an Orc Battle), and fancy loops and the Dice of Doom. Finally, you'll explore laziness, AI, distributed games, and the Hungry Henry game. As you progress through the games, chapter checkpoints and challenges help reinforce what you've learned. Offbeat comics keep things fun along the way. As you travel through the Racket realm, you'll: –Master the quirks of Racket's syntax and semantics –Learn to write concise and elegant functional programs –Create a graphical user interface using the 2htdp/image library –Create a server to handle true multiplayer games Realm of Racket is a lighthearted guide to some serious programming. Read it to see why Racketeers have so much fun! *Attached* Dec 29 2019 Is there a science to love? In this groundbreaking book, psychiatrist and neuroscientist Amir Levine and psychologist Rachel S. F. Heller reveal how an understanding of attachment theory-the most advanced relationship science in existence today-can help us find and sustain love. Attachment theory forms the basis for many bestselling books on the parent/child relationship, but there has yet to be an accessible guide to what this fascinating science

has to tell us about adult romantic relationships-until now. Attachment theory owes its inception to British psychologist and psychoanalyst John Bowlby, who in the 1950s examined the tremendous impact that our early relationships with our parents or caregivers has on the people we become. Also central to attachment theory is the discovery that our need to be in a close relationship with one or more individuals is embedded in our genes. In Attached, Levine and Heller trace how these evolutionary influences continue to shape who we are in our relationships today. According to attachment theory, every person behaves in relationships in one of three distinct ways: *ANXIOUS people are often preoccupied with their relationships and tend to worry about their partner's ability to love them back. *AVOIDANT people equate intimacy with a loss of independence and constantly try to minimize closeness. *SECURE people feel comfortable with intimacy and are usually warm and loving. Attached guides readers in determining what attachment style they and their mate (or potential mates) follow. It also offers readers a wealth of advice on how to navigate their relationships more wisely given their attachment style and that of their partner. An insightful look at the science behind love, Attached offers readers a road map for building stronger, more fulfilling connections. **There There** May 02 2020 ** Shortlisted for the 2020 International Dublin Literary Award ** One of Barack Obama's best books of 2018, the New York Times bestselling novel about contemporary America from a bold new Native American voice 'A thunderclap' Marlon James 'Astonishing' Margaret Atwood, via Twitter 'Pure soaring beauty' Colm Tóibín Jacquie

Red Feather is newly sober and hoping to reconnect with her estranged family. That's why she is there. Dene is there because he has been collecting stories to honour his uncle's death, while Edwin is looking for his true father and Opal came to watch her boy Orvil dance. All of them are connected by bonds they may not yet understand. All of them are here for the celebration that is the Big Oakland Powwow. But Tony Loneman is also there. And Tony has come to the Powow with darker intentions. 'An exhilarating, polyphonic debut novel... Dazzling' Daily Telegraph 'Lyrical and playful, shaking and shimmering with energy... Orange creates beauty out of tragedy' Guardian 'Bold and engrossing... Orange has got under his characters' skins, allowing them to speak for themselves' Financial Times A New York Times Top 10 Best Book 2018 An Oprah Magazine Top 15 Best Book 2018 Finalist for the Pulitzer Prize for Fiction 2019 Shortlisted for the Rathbones Folio Prize 2019 Winner of the Writer's Center First Novel Award 2018 **The Little LISPer** Jun 26 2022 **A Little Java, a Few Patterns** Jun 22 2019 foreword by Ralph E. Johnson and drawings by Duane Bibby 'This is a book of 'why' not 'how.' If you are interested in the nature of computation and curious about the very idea behind object orientation, this book is for you. This book will engage your brain (if not your tummy). Through its sparkling interactive style, you will learn about three essential OO concepts: interfaces, visitors, and factories. A refreshing change from the 'yet another Java book' phenomenon. Every serious Java programmer should own a copy.' -- Gary McGraw, Ph.D., Research Scientist at Reliable Software Technologies and coauthor of Java

Security Java is a new object-oriented programming language that was developed by Sun Microsystems for programming the Internet and intelligent appliances. In a very short time it has become one of the most widely used programming languages for education as well as commercial applications. Design patterns, which have moved object-oriented programming to a new level, provide programmers with a language to communicate with others about their designs. As a result, programs become more readable, more reusable, and more easily extensible. In this book, Matthias Felleisen and Daniel Friedman use a small subset of Java to introduce pattern-directed program design. With their usual clarity and flair, they gently guide readers through the fundamentals of object-oriented programming and pattern-based design. Readers new to programming, as well as those with some background, will enjoy their learning experience as they work their way through Felleisen and Friedman's dialogue. src='/graphics/yellowball.gif' href='/books/FELTP/Java-fm.html'Foreword and Preface Programming in Scheme Dec 09 2020 With this book you can learn to write good programs that do interesting things right off the bat, writes software developer Julie Sussman. This is the introductory [programming] text that I wish I had hadWith this book you can learn to write good programs that do interesting things right off the bat, writes software developer Julie Sussman. This is the introductory [programming] text that I wish I had hadScheme - a simple, learnable dialect of LISP has emerged as a popular educational language as well as a serious tool for producing applications and system software.

Programming in Scheme provides an accessible introduction to Scheme that assumes no previous programming experience and covers all the basics of the language and many advanced topics as well. It gets readers on the machine early, teaches language structure and programming technique through extended examples an exercises, and emphasizes debugging throughout.Chapters are organized as a series of groups, or layers, each of which advances the reader to a new level in Scheme. The first layer (chapters 2-7) introduces Scheme procedures - how to define, use, and debug them. The second layer (chapters 8-10) discusses lists and subprocedures. The third layer (chapters 11-15) provides a more elaborate and powerful model of the Scheme language. These last chapters also explore the notion of first-class procedure objects, one of the most fascinating ideas in computer science. Appendixes contain an Edwin mini-manual, answers to selected exercises, references and bibliography. *Software Abstractions, revised edition* Aug 05 2020 An approach to software design that introduces a fully automated analysis giving designers immediate feedback, now featuring the latest version of the Alloy language. In Software Abstractions Daniel Jackson introduces an approach to software design that draws on traditional formal methods but exploits automated tools to find flaws as early as possible. This approach—which Jackson calls "lightweight formal methods" or "agile modeling"—takes from formal specification the idea of a precise and expressive notation based on a tiny core of simple and robust concepts but replaces conventional analysis based on

theorem proving with a fully automated analysis that gives designers immediate feedback. Jackson has developed Alloy, a language that captures the essence of software abstractions simply and succinctly, using a minimal toolkit of mathematical notions. This revised edition updates the text, examples, and appendixes to be fully compatible with Alloy 4. Second Thoughts are Best Aug 17 2021 *Judgment Under Uncertainty* Sep 25 2019 Thirty-five chapters describe various judgmental heuristics and the biases they produce, not only in laboratory experiments, but in important social, medical, and political situations as well. Most review multiple studies or entire subareas rather than describing single experimental studies. *Lectures on K3 Surfaces* Mar 31 2020 Simple enough for detailed study, rich enough to show interesting behavior, K3 surfaces illuminate core methods in algebraic geometry. **Understanding the Linux Kernel** Nov 07 2020 To thoroughly understand what makes Linux tick and why it's so efficient, you need to delve deep into the heart of the operating system--into the Linux kernel itself. The kernel is Linux--in the case of the Linux operating system, it's the only bit of software to which the term "Linux" applies. The kernel handles all the requests or completed I/O operations and determines which programs will share its processing time, and in what order. Responsible for the sophisticated memory management of the whole system, the Linux kernel is the force behind the legendary Linux efficiency. The new edition of Understanding the Linux Kernel takes you on a guided tour through the most significant data structures, many algorithms, and programming tricks used in the

kernel. Probing beyond the superficial features, the authors offer valuable insights to people who want to know how things really work inside their machine. Relevant segments of code are dissected and discussed line by line. The book covers more than just the functioning of the code, it explains the theoretical underpinnings for why Linux does things the way it does. The new edition of the book has been updated to cover version 2.4 of the kernel, which is quite different from version 2.2: the virtual memory system is entirely new, support for multiprocessor systems is improved, and whole new classes of hardware devices have been added. The authors explore each new feature in detail. Other topics in the book include: Memory management including file buffering, process swapping, and Direct memory Access (DMA) The Virtual Filesystem and the Second Extended Filesystem Process creation and scheduling Signals, interrupts, and the essential interfaces to device drivers Timing Synchronization in the kernel Interprocess Communication (IPC) Program execution Understanding the Linux Kernel, Second Edition will acquaint you with all the inner workings of Linux, but is more than just an academic exercise. You'll learn what conditions bring out Linux's best performance, and you'll see how it meets the challenge of providing good system response during process scheduling, file access, and memory management in a wide variety of environments. If knowledge is power, then this book will help you make the most of your Linux system. **Kinds Of Minds** Jul 24 2019 Combining ideas from philosophy, artificial intelligence, and neurobiology, Daniel Dennett leads the reader on

a fascinating journey of inquiry, exploring such intriguing possibilities as: Can any of us really know what is going on in someone else's mind? What distinguishes the human mind from the minds of animals, especially those capable of complex behavior? If such animals, for instance, were magically given the power of language, would their communities evolve an intelligence as subtly discriminating as ours? Will robots, once they have been endowed with sensory systems like those that provide us with experience, ever exhibit the particular traits long thought to distinguish the human mind, including the ability to think about thinking? Dennett addresses these questions from an evolutionary perspective. Beginning with the macromolecules of DNA and RNA, the author shows how, step-by-step, animal life moved from the simple ability to respond to frequently recurring environmental conditions to much more powerful ways of beating the odds, ways of using patterns of past experience to predict the future in never-before-encountered situations. Whether talking about robots whose video-camera "eyes" give us the powerful illusion that "there is somebody in there" or asking us to consider whether spiders are just tiny robots mindlessly spinning their webs of elegant design, Dennett is a master at finding and posing questions sure to stimulate and even disturb. *Pricing Carbon* Aug 24 2019 The European Union's Emissions Trading Scheme (EU ETS) is the world's largest market for carbon and the most significant multinational initiative ever taken to mobilize markets to protect the environment. It will be an important influence on the development and implementation of trading schemes in the US, Japan, and elsewhere.

However, as is true of any pioneering public policy experiment, this scheme has generated much controversy. Pricing Carbon provides the first detailed description and analysis of the EU ETS, focusing on the first 'trial' period of the scheme (2005–7). Written by an international team of experts, it allows readers to get behind the headlines and come to a better understanding of what was done and what happened based on a dispassionate, empirically based review of the evidence. This book should be read by anyone who wants to know what happens when emissions are capped, traded, and priced.

The Seasoned Schemer, second edition Sep 29 2022 The notion that "thinking about computing is one of the most exciting things the human mind can do" sets both The Little Schemer (formerly known as The Little LISPer) and its new companion volume, The Seasoned Schemer, apart from other books on LISP. The authors' enthusiasm for their subject is compelling as they present abstract concepts in a humorous and easy-to-grasp fashion. Together, these books will open new doors of thought to anyone who wants to find out what computing is really about. The Little Schemer introduces computing as an extension of arithmetic and algebra; things that everyone studies in grade school and high school. It introduces programs as recursive functions and briefly discusses the limits of what computers can do. The authors use the programming language Scheme, and interesting foods to illustrate these abstract ideas. The Seasoned Schemer informs the reader about additional dimensions of computing: functions as values, change of state, and exceptional cases. The Little LISPer has been a popular introduction to

LISP for many years. It had appeared in French and Japanese. The Little Schemer and The Seasoned Schemer are worthy successors and will prove equally popular as textbooks for Scheme courses as well as companion texts for any complete introductory course in Computer Science.
The Reasoned Schemer, second edition Jul 28 2022 A new edition of a book, written in a humorous question-and-answer style, that shows how to implement and use an elegant little programming language for logic programming. The goal of this book is to show the beauty and elegance of relational programming, which captures the essence of logic programming. The book shows how to implement a relational programming language in Scheme, or in any other functional language, and demonstrates the remarkable flexibility of the resulting relational programs. As in the first edition, the pedagogical method is a series of questions and answers, which proceed with the characteristic humor that marked The Little Schemer and The Seasoned Schemer. Familiarity with a functional language or with the first five chapters of The Little Schemer is assumed. For this second edition, the authors have greatly simplified the programming language used in the book, as well as the implementation of the language. In addition to revising the text extensively, and simplifying and revising the "Laws" and "Commandments," they have added explicit "Translation" rules to ease translation of Scheme functions into relations.
The Boy in the Striped Pyjamas Oct 07 2020 Lines may divide us, but hope will unite us. Nine year old Bruno knows nothing of the Final Solution and the Holocaust. He's oblivious to the appalling cruelties being

inflicted on the people of Europe by his country. All he knows is that he has moved from Berlin to a desolate area where he has no one to play with. Until he meets Shmuel. Shmuel lives in a strange parallel existence on the other side of the adjoining wire fence, where everyone wears a uniform of striped pyjamas. Despite the wire fence separating them, the two boys become best friends. As they grow closer, Bruno starts to learn the terrible truth that lies beyond the fence, and what life is like for his friend. John Boyne's classic novel explores the friendship and loss of innocence of Bruno and Shmuel, during one of the worst points in history.