In Code A Mathematical Journey Sarah Flannery

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Everything That Rises Must Converge Flannery O'Connor 1965-01-01 Flannery O'Connor was working on Everything That Rises Must Converge at the time of her death. This collection is an exquisite legacy from a genius of the American short story, in which she scrutinizes territory familiar to her readers: race, faith, and morality. The stories encompass the comic and the tragic, the beautiful and the grotesque; each carries her highly individual stamp and could have been written by no one else.

Math Curse Jon Scieszka 1995 When the teacher tells her class that they can think of almost everything as a math problem, one student acquires a math anxiety which becomes a real curse.

In Code Sarah Flannery 2001 Sarah Flannery is a cryptographer and mathematician already with an international reputation. She is also a sport-loving Co. Cork teenager who takes her Leaving Certificate next year. In this remarkable book, written with her father, her first maths teacher, she writes about her life, mathematics and making codes – and this extraordinary year. That is just one of the scores of media comments from all over the world which followed Sarah's winning this January, at the age of 16, the Irish Young Scientist of the Year award with a highly innovative, speedy and secure system of encoding data on the Internet. Since then she has travelled the world and lectured, and had approaches from many computer companies and universities. Her system still needs full peer evaluation but what is not in doubt is the originality of her mathematical mind. Her book offers many different things: it is a fresh and modest self-portrait by a girl who is the reverse of a comic-strip swot; it is an inspiring account of a mathematical education; with many puzzles and examples it offers a mass of insights into cryptography and numeracy.

Pink Lili Wilkinson 2011-02-08 Ava is tired of her ultracool attitude, ultraradical politics, and ultrablack clothing. She's ready to try something new—she's even ready to be someone new. Someone who fits in, someone with a gorgeous boyfriend, someone who wears pink. But Ava soon finds that changing herself is more complicated than changing her wardrobe. Even getting involved in the school musical raises issues she never imagined. As she faces surprising choices and unforeseen consequences, Ava wonders if she will ever figure out who she really wants to be. Pink received an American Library Association Stonewall Award Honor for exceptional merit relating to the gay/lesbian/bisexual/transgender experience. Supports the Common Core State Standards

The Science of Secrecy Simon Singh 2000 A TV tie-in edition of The Code Book filmed as a prime-time five-part Channel 4 series on the history of codes and code-breaking and presented by the author. This book, which accompanies the major Channel 4 series, brings to life the hidden history of codes and code breaking. Since the birth of writing, there has also been the need for secrecy. The story of codes is the story of the brilliant men and women who used mathematics, linguistics, machines, computers, gut instinct, logic and detective work to encrypt and break these secret messages and the effect their work has had on history.

The Search for Atlantis: A History of Plato's Ideal State Steve Kershaw 2018-10-02 A vivid exploration of the legend of Atlantis and its enduring influence on Western culture—from its origins in antiquity to the modern era. The Atlantis story remains one of the most haunting and enigmatic tales from antiquity, and one that still resonates very deeply with the modern imagination. But where did Atlantis come from, what was it like, and where did it go to? Atlantis was first introduced by the Greek philosopher Plato in the fourth century BC. As he discusses about the origins of life, the universe and humanity, the great thinker puts forward a stunning description of Atlantis—an island paradise with an ideal society. But the Atlanteans soon degenerate and become imperialist aggressors: they choose to fight against antediluvian Athens, which heroically repels their mighty forces, before a cataclysmic natural disaster destroys the warring states. Plato's dialogues appear remarkably prescient today. Not because they invite a search for a mysterious lost continent, but because of their warnings about the pernicious effects of wealth and power on a ruling class: Atlantis-style luxury, excess, corruption, and imperialism can lead only to decay and disaster. This ever-important tale should be prescribed reading for every political leader. Plato's tale of a great empire that sank beneath the waves has sparked thousands of years of debate over whether Atlantis really existed. But did Plato mean his tale as history—or just as a parable to help illustrate his philosophy?

Construction Contractors' Survival Guide Thomas C. Schleifer 1991-01-16 The turnover rate for companies in the construction industry is high. This book identifies the ten key elements of contractor failure and shows how to avoid them. Each element of failure is defined, illustrated by real examples, and ways are discussed to avoid or minimize the risks involved. The final chapter shows how to bring all these elements together to develop a positive and workable management strategy. This survival guide should prove invaluable to the 1.4 million individual construction-industry businesses in this country.

Crypto Steven Levy 2001-01-08 If you've ever made a secure purchase with your credit card over the Internet, then you have seen cryptography, or "crypto", in action. From Stephen Levy—the author who made "hackers" a household word—comes this account of a revolution that is already affecting every citizen in the twenty-first century. Crypto tells the inside story of how a group of "crypto rebels"—nerds and visionaries turned freedom fighters—teamed up with corporate interests to beat Big Brother and ensure our privacy on the Internet. Levy's history of one of the most controversial and important topics of the digital age reads like the best futuristic fiction.

Mathematical Mindsets Jo Boaler 2015-10-12 Banish math anxiety and give students of all ages a clear roadmap to success Mathematical Mindsets provides practical strategies and activities to help teachers and parents show all children, even those who are convinced that they are bad at math, that they can enjoy and succeed in math. Jo Boaler—Stanford researcher, professor of math education, and expert on math learning—has studied why students don't like math and often fail in math classes. She's followed thousands of students through middle and high schools to study how they learn and to find the most effective ways to unleash the math potential in all students. There is a clear gap between what research has shown to work in teaching math and what happens in schools and at home. This book bridges that gap by turning research findings into practical activities and advice. Boaler translates Carol Dweck's concept of 'mindset' into math teaching and parenting strategies, showing how students can go from self-doubt to strong self-confidence, which is so important to math learning. Boaler reveals the steps that must be taken by schools and parents to improve math education for all. Mathematical Mindsets: Explains how the brain processes mathematics learning Reveals how to turn mistakes and struggles into valuable learning experiences Provides examples of rich mathematical activities to replace rote learning Explains ways to give students a positive math mindset Gives examples of how assessment and grading policies need to change to support real understanding Scores of students hate and fear math, so they end up leaving school without an understanding of basic mathematical concepts. Their evasion and departure hinders math-related pathways and STEM career opportunities. Research has shown very clear methods to change this phenomena, but the information has been confined to research journals—until now. Mathematical Mindsets provides a proven, practical roadmap to mathematics success for any student at any age.

An Introduction to Applied Cognitive Psychology Anthony Esgate 2005 This book offers a student friendly review of recent research in the application of cognitive methods, theories and models to real-world scenarios.

STEAM Education Myint Swe Khine 2019-01-30 This book looks at the value of integrating the arts and sciences in the school curriculum. It argues that this will help students further their understanding of analytical concepts through the use of creativity. The authors illustrate how schools can work towards presenting common practices, concepts, and content. Coverage features case studies and lessons learned from classrooms across the United States. The notion of STEAM (Science, Technology, Engineering, Arts, and Mathematics) is an emerging discipline unique in its desire to provide a well-rounded approach to education. The chapters of this volume examine STEAM in a variety of settings, from kindergarten to higher education. Readers will learn about the practical considerations involved when introducing the arts and creativity into traditionally left brain processes. This includes best practices for creating and sustaining successful STEAM initiatives in any school, college, or university. For instance, one chapter discusses novel approaches to teach writing with the scientific method in order to help students better present their ideas. The authors also detail how the arts can engage more diverse learners, including students who are not traditionally interested in STEM subjects. They provide three concrete examples of classroom-tested inquiries: designing a prosthetic arm for a child, making a paleontology investigation, and taking a closer look at the arts within roller coaster engineering. This book is an invaluable resource for teachers and teacher trainers, university faculty, researchers, and school administrators. It will also be of interest to science, mathematics, engineering, computer science, information technology, arts and design and technology teachers.

A Roving Commission Winston Churchill 1939

Learning Spaces Diana Oblinger 2006

101 Awesome Women Who Transformed Science Claire Philip 2020-02-01 Discover the inspirational stories of 101 brilliant female scientists and the many discoveries, inventions and breakthroughs they brought into the world. This book features inspiring STEM heroes from many different countries and cultures, some of which are still working today – pushing the frontiers of scientific fields from engineering to astrophysics. These trailblazing women will fire the imagination of children everywhere! The captivating biographies, quotations and accessible facts are brought to life with charming illustrations. These pioneering women include: • Katherine G. Johnson (African American mathematician during NASAs first space launch) • Ellen Ochoa (First Hispanic woman astronaut) • Émilie du Châtelet (French mathematician in the 1700s who fought for her rights to study math/science) • Etta Zuber Falconer (one of the 1st African American women to receive a PhD in Mathematics) • Carol Shaw (First female video game designer) • Joy Adamson (scientist/conservationist who raised lion cubs) • Sun Yung Alice Chang (Chinese American mathematician) This is a perfect title for kids aged 8+.

A Tour of the Calculus David Berlinski 2011-04-27 Were it not for the calculus, mathematicians would have no way to describe the acceleration of a motorcycle or the effect of gravity on thrown balls and distant planets, or to prove that a man could cross a room and eventually touch the opposite wall. Just how calculus makes these things possible and in doing so finds a correspondence between real numbers and the real world is the subject of this dazzling book by a writer of extraordinary clarity and stylistic brio. Even as he initiates us into the mysteries of real numbers, functions, and limits, Berlinski explores the furthest implications of his subject, revealing how the calculus reconciles the precision of numbers with the fluidity of the changing universe. "An odd and tantalizing book by a writer who takes immense pleasure in this great mathematical tool, and tries to create it in others."--New York Times Book Review

The Female Brain Louann Brizendine, M.D. 2007-08-07 Since Dr. Brizendine wrote The Female Brain ten years ago, the response has been overwhelming. This New York Times bestseller has been translated into more than thirty languages, has sold nearly a million copies between editions, and has most recently inspired a romantic comedy starring Whitney Cummings and Sofia Vergara. And its profound scientific understanding of the nature and experience of the female brain continues to guide women as they pass through life stages, to help men better understand the girls and women in their lives, and to illuminate the delicate emotional machinery of a love relationship. Why are women more verbal than men? Why do women remember details of fights that men can't remember at all? Why do women tend to form deeper bonds with their female friends than men do with their male counterparts? These and other questions have stumped both sexes throughout the ages. Now, pioneering neuropsychiatrist Louann Brizendine, M.D., brings together the latest findings to show how the unique structure of the female brain determines how women think, what they value, how they communicate, and who they love. While doing research as a medical student at Yale and then as a resident and faculty member at Harvard, Louann Brizendine discovered that almost all of the clinical data in existence on neurology, psychology, and neurobiology focused exclusively on males. In response to the overwhelming need for information on the female mind, Brizendine established the first clinic in the country to study and treat women's brain function. In The Female Brain, Dr. Brizendine distills all her findings and the latest information from the scientific community in a highly accessible book that educates women about their unique brain/body/behavior. The result: women will come away from this book knowing that they have a lean, mean, communicating machine. Men will develop a serious case of brain envy.

Newton and the Counterfeiter Thomas Levenson 2011-03-17 Already famous throughout Europe for his theories of planetary motion and gravity, Isaac Newton decided to take on the job of running the Royal Mint. And there, Newton became drawn into a battle with William Chaloner, the most skilful of counterfeiters, a man who not only got away with faking His Majesty's coins (a crime that the law equated with treason), but was trying to take over the Mint itself. But Chaloner had no idea who he was taking on. Newton pursued his enemy with the cold, implacable logic that he brought to his scientific research. Set against the backdrop of early eighteenth-century London with its sewers running down the middle of the streets, its fetid rivers, its packed houses, smoke and fog, its industries and its great port, this dark tale of obsession and revenge transforms our image of Britain's greatest scientist.

Defining the Wind Scott Huler 2007-12-18 "Nature, rightly questioned, never lies." —A Manual of Scientific Enquiry, Third Edition, 1859 Scott Huler was working as a copy editor for a small publisher when he stumbled across the Beaufort Wind Scale in his Merriam Webster Collegiate Dictionary. It was one of those moments of discovery that writers live for. Written centuries ago, its 110 words launched Huler on a remarkable journey over land and sea into a fascinating world of explorers, mariners, scientists, and writers. After falling in love with what he decided was "the best, clearest, and most vigorous piece of descriptive writing I had ever seen," Huler went in search of Admiral Francis Beaufort himself: hydrographer to the British Admiralty, man of science, and author—Huler assumed—of the Beaufort Wind Scale. But what Huler discovered is that the scale that carries Beaufort's name has a long and complex evolution, and to properly understand it he had to keep reaching farther back in history, into the lives and works of figures from Daniel Defoe and Charles Darwin to Captains Bligh, of the Bounty, and Cook, of the Endeavor. As hydrographer to the British Admiralty it was Beaufort's job to track the information that ships relied on: where to lay anchor, descriptions of ports, information about fortification, religion, and trade. But what came to fascinate Huler most about Beaufort was his obsession for observing things and communicating to others what the world looked like. Huler's research landed him in one of the most fascinating and rich periods of history, because all around the world in the mid-eighteenth and nineteenth centuries, in a grand, expansive period, modern science was being invented every day. These scientific advancements encompassed not only vast leaps in understanding but also how scientific innovation was expressed and even organized, including such enduring developments as the scale Anders Celsius created to simplify how Gabriel Fahrenheit measured temperature; the French-designed metric system; and the Gregorian calendar adopted by France and Great Britain. To Huler, Beaufort came to embody that passion for scientific observation and categorization; indeed Beaufort became the great scientific networker of his time. It was he, for example, who was tapped to lead the search for a naturalist in the 1830s to accompany the crew of the Beagle; he

recommended a young naturalist named Charles Darwin. Defining the Wind is a wonderfully readable, often humorous, and always rich story that is ultimately about how we observe the forces of nature and the world around us.

The Cryptoclub Janet Beissinger 2018-10-08 Join the Cryptokids as they apply basic mathematics to make and break secret codes. This book has many hands-on activities that have been tested in both classrooms and informal settings. Classic coding methods are discussed, such as Caesar, substitution, Vigenère, and multiplicative ciphers as well as the modern RSA. Math topics covered include: - Addition and Subtraction with, negative numbers, decimals, and percentages - Factorization - Modular Arithmetic - Exponentiation - Prime Numbers - Frequency Analysis. The accompanying workbook, The Cryptoclub Workbook: Using Mathematics to Make and Break Secret Codes provides students with problems related to each section to help them master the concepts introduced throughout the book. A PDF version of the workbook is available at no charge on the download tab, a printed workbook is available for $19.95 (K00701). The teacher manual can be requested from the publisher by contacting the Academic Sales Manager, Susie Carlisle

Math Power Patricia Clark Kenschaft 2014-01-05 Critically acclaimed and commercially successful, this resource is packed with useful information and instruction. Features proven teaching techniques, games, and more. Suitable for parents of children from preschool to age 10. 2006 edition.

In Code Sarah Flannery 2002-01-01 Originally published in England and cowritten with her father, "In Code" is "a wonderfully moving story about the thrill of the mathematical chase" ("Nature") and "a paean to intellectual adventure" ("Times Educational Supplement"). A memoir in mathematics, it is all about how a girl next door became an award-winning mathematician. photo insert.

Practical Cryptography Niels Ferguson 2003-04-17 Discusses how to choose and use cryptographic primitives, how to implement cryptographic algorithms and systems, how to protect each part of the system and why, and how to reduce system complexity and increase security.

The Code Book: The Secrets Behind Codebreaking Simon Singh 2002-05-14 "As gripping as a good thriller." --The Washington Post Unpack the science of secrecy and discover the methods behind cryptography--the encoding and decoding of information--in this clear and easy-to-understand young adult adaptation of the national bestseller that's perfect for this age of WikiLeaks, the Sony hack, and other events that reveal the extent to which our technology is never quite as secure as we want to believe. Coders and codebreakers alike will be fascinated by history's most mesmerizing stories of intrigue and cunning--from Julius Caesar and his Caeser cipher to the Allies' use of the Enigma machine to decode German messages during World War II. Accessible, compelling, and timely, The Code Book is sure to make readers see the past--and the future--in a whole new way. "Singh's power of explaining complex ideas is as dazzling as ever." --The Guardian

Sideways Arithmetic from Wayside School Louis Sachar 2004 These Sideways Arithmetic problems may look puzzling at first, but you can use real maths to solve them, and the answers are perfectly logical. There are hints and clues, plus all the answers are in the book. Best of all, the kids you read about in the other titles about Wayside School are here to help you! Try solving the maths brainteasers in this book and you will be learning a lot of maths - but you will also be enjoying it and laughing too much to notice.

e: The Story of a Number Eli Maor 2011-10-12 The interest earned on a bank account, the arrangement of seeds in a sunflower, and the shape of the Gateway Arch in St. Louis are all intimately connected with the mysterious number e. In this informal and engaging history, Eli Maor portrays the curious characters and the elegant mathematics that lie behind the number. Designed for a reader with only a modest mathematical background, this biography brings out the central importance of e to mathematics and illuminates a golden era in the age of science.

Psychology Rose M Spielman 2018-08 The images in this textbook are in color. There is a less-expensive non-color version available - search for ISBN 9781680922363. Psychology is designed to meet scope and sequence requirements for the single-semester introduction to psychology course. The book offers a comprehensive treatment of core concepts, grounded in both classic studies and current and emerging research. The text also includes coverage of the DSM-5 in examinations of psychological disorders. Psychology incorporates discussions that reflect the diversity within the discipline, as well as the diversity of cultures and communities across the globe.

Be a Recruiting Superstar Mary Christensen 2008-05-15 Network marketing-also known as direct selling and multilevel marketing-has turned millions of people into successful business owners. But to truly reach their earning potential, network marketers need to successfully grow their businesses by recruiting the right people. Written by a true network marketing superstar who personally enlisted over 1,000 people in her first year, the book reveals a proven, innovative approach to recruiting that gets results fast. Readers will learn how to: * discover their own recruiting style * identify people who will become a great part of their team * do and say the right things to turn prospects into partners * overcome objections with confidence * attract people who never considered network marketing Filled with advice and inspiration, this indispensable guide gives network marketers the know-how and confidence they need to grow their enterprise and become top earners.

Becoming Beside Ourselves Brian Rotman 2008-07-16 DIVTheoretical study of the relationship between technoscience and the human body that examines the ways in which bodies and machines "speak" not just through language but also through gesture, numbers, and other non-alphabetic systems of expressio/div

The Proper Way to Meet a Hedgehog and Other How-to Poems Paul B. Janeczko 2019-03-12 Toast a marshmallow, be a tree in winter, read braille -- Paul B. Janeczko and Richard Jones invite you to enjoy an assortment of poems that inform and inspire. Today I walked outside and spied a hedgehog on the hill. When she and I met eye to eye, she raised up straight and still. Be they practical (how to mix a pancake or how to bird-watch) or fanciful (how to scare monsters or how to be a snowflake), the poems in this book boast a flair and joy that you won't find in any instruction manual. Poets from Kwame Alexander to Pat Mora to Allan Wolf share the way to play hard, to love nature, and to be grateful. Soft, evocative illustrations will encourage readers to look at the world with an eye to its countless possibilities. Contributors include: Kwame Alexander Calef Brown Rebecca Kai Dotlich Margarita Engle Ralph Fletcher Douglas Florian Helen Frost Martin Gardner Charles Ghigna Nikki Grimes Anna E. Jordan Karla Kuskin Irene Latham J. Patrick Lewis Marjorie Maddox Elaine Magliaro Pat Mora Christina Rossetti Monica Shannon Marilyn Singer Robert Louis Stevenson Charles Waters April Halprin Wayland Steven Withrow Allan Wolf

Excursions in Calculus Robert M. Young 1992-10-01 This book explores the rich and elegant interplay between the two main currents of mathematics, the continuous and the discrete. Such fundamental notions in discrete mathematics as induction, recursion, combinatorics, number theory, discrete probability, and the algorithmic

point of view as a unifying principle are continually explored as they interact with traditional calculus.

In Code Sarah Flannery 2008-10-08 In a memoir in mathematics, an award-winning young mathematician recounts her move from simple math puzzles to prime numbers, the Sieve of Eratosthenes, Fermat's Little Theorem, Googles, and finally to her own algorithm and extraordinary research and discoveries in Internet cryptography. Reprint..

Runner's World Guide to Adventure Racing Ian Adamson 2004-04-17 How to Become a Successful Racer and Adventure Athlete Why should you take a pair of sandals, a dollar bill, and a car antenna to your next adventure race? You'll find the answer to that question and many others in Runner's World Guide to Adventure Racing. In this authoritative guide, Ian Adamson shares his insider secrets for training, racing, team building, conflict management, injury prevention, equipment repair, sleep management, and much more. Often referred to as the Michael Jordan of adventure racing, Adamson helps you navigate any type of adventure race, from short sprint race to full-length expedition. In this guide, you'll find: - Detailed training plans for recreational and competitive athletes - Tips for running, hiking, biking, paddling, navigating, and climbing more efficiently - A no-nonsense guide for what you need from the sporting goods store--and what you don't - Insider secrets for mending equipment and injuries while in the wilderness - Adamson's nine favorite foods to pack in your race bag You'll also read Adamson's humorous, touching, and downright chilling stories of life on the adventure trail. From sprint races to full-length expeditions, Adamson's expert advice will get you and your equipment to the finish line in one piece.

Mathematics Across Cultures Helaine Selin 2012-12-06 Mathematics Across Cultures: A History of Non-Western Mathematics consists of essays dealing with the mathematical knowledge and beliefs of cultures outside the United States and Europe. In addition to articles surveying Islamic, Chinese, Native American, Aboriginal Australian, Inca, Egyptian, and African mathematics, among others, the book includes essays on Rationality, Logic and Mathematics, and the transfer of knowledge from East to West. The essays address the connections between science and culture and relate the mathematical practices to the cultures which produced them. Each essay is well illustrated and contains an extensive bibliography. Because the geographic range is global, the book fills a gap in both the history of science and in cultural studies. It should find a place on the bookshelves of advanced undergraduate students, graduate students, and scholars, as well as in libraries serving those groups.

The Amazing Mathematical Amusement Arcade Brian Bolt 1984-09-27 This collection of puzzles, games and activities is designed to stimulate and challenge people of all ages who enjoy puzzles with a mathematical flavour. Many of the puzzles have a long history, while others are original. The subjects vary from matchsticks to magic squares, train shunting to river crossing, and chess to calculators. The second part of the book contains a commentary giving hints and solutions.

The Mathematical Experience Philip J. Davis 1998 Traces the history of mathematics, offers profiles of major mathematicians and their discoveries, and looks at the philosophy of mathematics

Psychology 2e Rose M. Spielman 2020-04-22

Books Are Made Out of Books Michael Lynn Crews 2017-09-05 A "comprehensive and enlightening" study of Cormac McCarthy's literary influences, based on newly acquired archival materials (Times Literary Supplement). Though Cormac McCarthy once told an interviewer for the New York Times Magazine that "books are made out of books," he has been famously unwilling to discuss how his own writing draws on the works of other writers. Yet his novels and plays masterfully appropriate and allude to an extensive range of literary works, demonstrating that McCarthy is well aware of literary tradition, respectful of the canon, and deliberately situating himself in a knowing relationship to precursors. The Wittliff Collection at Texas State University acquired McCarthy's literary archive in 2007. In Books Are Made Out of Books, Michael Lynn Crews thoroughly mines the archive to identify nearly 150 writers and thinkers that McCarthy himself references in early drafts, marginalia, notes, and correspondence. Crews organizes the references into chapters devoted to McCarthy's published works, the unpublished screenplay Whales and Men, and McCarthy's correspondence. For each work, Crews identifies the authors, artists, or other cultural figures that McCarthy references; gives the source of the reference in McCarthy's papers; provides context for the reference as it appears in the archives; and explains the significance of the reference to the novel or play that McCarthy was working on. This groundbreaking exploration of McCarthy's literary influences—impossible to undertake before the opening of the archive—vastly expands our understanding of how one of America's foremost authors has engaged with the ideas, images, metaphors, and language of other thinkers and made them his own.

Ramanujan Srinivasa Ramanujan Aiyangar 1995-09-07 The letters that Ramanujan wrote to G. H. Hardy on January 16 and February 27, 1913, are two of the most famous letters in the history of mathematics. These and other letters introduced Ramanujan and his remarkable theorems to the world and stimulated much research, especially in the 1920s and 1930s. This book brings together many letters to, from, and about Ramanujan. The letters came from the National Archives in Delhi, the Archives in the State of Tamil Nadu, and a variety of other sources. Helping to orient the reader is the extensive commentary, both mathematical and cultural, by Berndt and Rankin; in particular, they discuss in detail the history, up to the present day, of each mathematical result in the letters. Containing many letters that have never been published before, this book will appeal to those interested in Ramanujan's mathematics as well as those wanting to learn more about the personal side of his life. Ramanujan: Letters and Commentary was selected for the CHOICE list of Outstanding Academic Books for 1996.

101 Awesome Women Who Changed Our World Julia Adams 2018-06-05 Discover the lives of 101 trailblazing women and the remarkable things they achieved. This beautifully illustrated book is packed with bitesize biographies of activists, leaders, athletes, artists, explorers, and STEM innovators. From the celebrated to the overlooked, these women overcame odds, defied expectations and shattered stereotypes and their stories are sure to inspire young readers and encourage them to dream big. Spanning across history and from all over the globe, these figures include: • J.K. Rowling • Malala Yousafzai • Marie Curie • Maya Angelou • Wangari Maathai • Anne Frank • Simone Biles • Ada Lovelace • And many more! Written in a friendly and accessible style, this book includes quotations, fun facts and charming illustrations which bring the lives of these inspiring women to life. Perfect for kids aged 8+.

The Music of the Primes Marcus du Sautoy 2004-04-27 An examination of the Riemann Hypothesis considers the modern implications of its solution, noting its potential impact on business, science, and other fields and describing the million-dollar prize currently being offered to whomever can crack its code. Reprint.