

# Men Of Mathematics Touchstone

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## **The Proceedings of the 12th International Congress on Mathematical Education** - Sung Je Cho 2015-02-10

This book comprises the Proceedings of the 12th International Congress on Mathematical Education (ICME-12), which was held at COEX in Seoul, Korea, from July 8th to 15th, 2012. ICME-12 brought together 3500 experts from 92 countries, working to understand all of the intellectual and attitudinal challenges in the subject of mathematics education as a multidisciplinary research and practice. This work aims to serve as a platform for deeper, more sensitive and more collaborative involvement of all major contributors towards educational improvement and in research on the nature of teaching and learning in mathematics education. It introduces the major activities of ICME-12 which have successfully contributed to the sustainable development of mathematics education across the world. The program provides food for thought and inspiration for practice for everyone with an interest in mathematics education and makes an essential reference for teacher educators, curriculum developers and researchers in mathematics education. The work includes the texts of the four plenary lectures and three plenary panels and reports of three survey groups, five National presentations, the abstracts of fifty one Regular lectures, reports of thirty seven Topic Study Groups and seventeen Discussion Groups.

## **Men of Mathematics** - Eric Temple Bell 2008-05-16

The achievements and lives of important world mathematicians prior to

1900

## **Notable Women in Mathematics** - Charlene Morrow 1998

Provides biographical essays on women mathematicians from around the world from antiquity to the present

## *Integer Partitions* - George E. Andrews 2004-10-11

Provides a wide ranging introduction to partitions, accessible to any reader familiar with polynomials and infinite series.

## **The Number Sense** - Stanislas Dehaene 2011-04-29

"Our understanding of how the human brain performs mathematical calculations is far from complete. In *The Number Sense*, Stanislas Dehaene offers readers an enlightening exploration of the mathematical mind. Using research showing that human infants have a rudimentary number sense, Dehaene suggests that this sense is as basic as our perception of color, and that it is wired into the brain. But how then did we leap from this basic number ability to trigonometry, calculus, and beyond? Dehaene shows that it was the invention of symbolic systems of numerals that started us on the climb to higher mathematics. Tracing the history of numbers, we learn that in early times, people indicated numbers by pointing to part of their bodies, and how Roman numerals were replaced by modern numbers. On the way, we also discover many fascinating facts: for example, because Chinese names for numbers are short, Chinese people can remember up to nine or ten digits at a time, while English-speaking people can only remember seven. A fascinating

look at the crossroads where numbers and neurons intersect, *The Number Sense* offers an intriguing tour of how the structure of the brain shapes our mathematical abilities, and how math can open up a window on the human mind"--Provided by publisher.

*The Joy of X* - Steven Henry Strogatz 2012

A comprehensive tour of leading mathematical ideas by an award-winning professor and columnist for the New York Times Opinionator series demonstrates how math intersects with philosophy, science and other aspects of everyday life. By the author of *The Calculus of Friendship*. 50,000 first printing.

**Flatterland** - Ian Stewart 2010-10-08

First there was Edwin A. Abbott's remarkable *Flatland*, published in 1884, and one of the all-time classics of popular mathematics. Now, from mathematician and accomplished science writer Ian Stewart, comes what Nature calls "a superb sequel." Through larger-than-life characters and an inspired story line, *Flatterland* explores our present understanding of the shape and origins of the universe, the nature of space, time, and matter, as well as modern geometries and their applications. The journey begins when our heroine, Victoria Line, comes upon her great-great-grandfather A. Square's diary, hidden in the attic. The writings help her to contact the Space Hopper, who tempts her away from her home and family in *Flatland* and becomes her guide and mentor through ten dimensions. In the tradition of *Alice in Wonderland* and *The Phantom Toll Booth*, this magnificent investigation into the nature of reality is destined to become a modern classic.

**A Mathematician's Lament** - Paul Lockhart 2009-04-01

"One of the best critiques of current mathematics education I have ever seen."—Keith Devlin, math columnist on NPR's Morning Edition A brilliant research mathematician who has devoted his career to teaching kids reveals math to be creative and beautiful and rejects standard anxiety-producing teaching methods. Witty and accessible, Paul Lockhart's controversial approach will provoke spirited debate among educators and parents alike and it will alter the way we think about math forever. Paul Lockhart, has taught mathematics at Brown University and

UC Santa Cruz. Since 2000, he has dedicated himself to K-12 level students at St. Ann's School in Brooklyn, New York.

*Six Septembers: Mathematics for the Humanist* - Patrick Juola 2017

Scholars of all stripes are turning their attention to materials that represent enormous opportunities for the future of humanistic inquiry. The purpose of this book is to impart the concepts that underlie the mathematics they are likely to encounter and to unfold the notation in a way that removes that particular barrier completely. This book is a primer for developing the skills to enable humanist scholars to address complicated technical material with confidence. This book, to put it plainly, is concerned with the things that the author of a technical article knows, but isn't saying. Like any field, mathematics operates under a regime of shared assumptions, and it is our purpose to elucidate some of those assumptions for the newcomer. The individual subjects we tackle are (in order): logic and proof, discrete mathematics, abstract algebra, probability and statistics, calculus, and differential equations.

*The Information* - James Gleick 2011-03-01

From the bestselling author of the acclaimed *Chaos* and *Genius* comes a thoughtful and provocative exploration of the big ideas of the modern era: Information, communication, and information theory. Acclaimed science writer James Gleick presents an eye-opening vision of how our relationship to information has transformed the very nature of human consciousness. A fascinating intellectual journey through the history of communication and information, from the language of Africa's talking drums to the invention of written alphabets; from the electronic transmission of code to the origins of information theory, into the new information age and the current deluge of news, tweets, images, and blogs. Along the way, Gleick profiles key innovators, including Charles Babbage, Ada Lovelace, Samuel Morse, and Claude Shannon, and reveals how our understanding of information is transforming not only how we look at the world, but how we live. A New York Times Notable Book A Los Angeles Times and Cleveland Plain Dealer Best Book of the Year Winner of the PEN/E. O. Wilson Literary Science Writing Award

*A Mathematician's Apology* - G. H. Hardy 1992-01-31

G. H. Hardy was one of this century's finest mathematical thinkers, renowned among his contemporaries as a 'real mathematician ... the purest of the pure'. He was also, as C. P. Snow recounts in his Foreword, 'unorthodox, eccentric, radical, ready to talk about anything'. This 'apology', written in 1940 as his mathematical powers were declining, offers a brilliant and engaging account of mathematics as very much more than a science; when it was first published, Graham Greene hailed it alongside Henry James's notebooks as 'the best account of what it was like to be a creative artist'. C. P. Snow's Foreword gives sympathetic and witty insights into Hardy's life, with its rich store of anecdotes concerning his collaboration with the brilliant Indian mathematician Ramanujan, his aphorisms and idiosyncrasies, and his passion for cricket. This is a unique account of the fascination of mathematics and of one of its most compelling exponents in modern times.

The Survival of a Mathematician - Steven George Krantz 2009-01

"One of the themes of the book is how to have a fulfilling professional life. In order to achieve this goal, Krantz discusses keeping a vigorous scholarly program going and finding new challenges, as well as dealing with the everyday tasks of research, teaching, and administration." "In short, this is a survival manual for the professional mathematician - both in academics and in industry and government agencies. It is a sequel to the author's *A Mathematician's Survival Guide*."--BOOK JACKET.

*Leonard of Pisa and the New Mathematics of the Middle Ages* - Frances Gies 1983-12-01

The Man Who Mistook His Wife for a Hat - Oliver Sacks 2021-09-14

In his most extraordinary book, the bestselling author of *Awakenings* and "poet laureate of medicine" (The New York Times) recounts the case histories of patients inhabiting the compelling world of neurological disorders, from those who are no longer able to recognize common objects to those who gain extraordinary new skills. Featuring a new preface, Oliver Sacks's *The Man Who Mistook His Wife for a Hat* tells the stories of individuals afflicted with perceptual and intellectual disorders: patients who have lost their memories and with them the greater part of

their pasts; who are no longer able to recognize people and common objects; whose limbs seem alien to them; who lack some skills yet are gifted with uncanny artistic or mathematical talents. In Dr. Sacks's splendid and sympathetic telling, his patients are deeply human and his tales are studies of struggles against incredible adversity. A great healer, Sacks never loses sight of medicine's ultimate responsibility: "the suffering, afflicted, fighting human subject."

Bertrand Russell and the Origins of the Set-theoretic 'Paradoxes' - GARCADIIEGO 2013-03-09

XII Russell's published works include more than sixty books, several unpublished manuscripts, many hundreds of articles, dozens of radio and TV interviews and films, covering a wide spectrum of knowledge. His writings embrace discussions and analysis of such diverse topics as social sciences, foundations of mathematics, philosophy of physics, philosophy in general, religion, moral sciences, education, pacifism, natural sciences (including biology and physics), linguistics, statistics, probability, economic theory, history, politics, international affairs and other topics. He corresponded with a large and diverse group of colleagues including both prominent and obscure figures in politics, the arts, humanities and sciences. Russell's communication with his colleagues began in the late nineteenth century and was especially active through much of the twentieth century. In spite of being one of the most controversial public personalities of his day (let us not forget that he went to prison twice, was dismissed from Cambridge University and was prevented from teaching at the College of the City of New York), his merits have been recognized and appreciated. He was awarded many medals, diplomas and honors, including the Nobel Prize for Literature in 1950.

**The Artist and the Mathematician** - Amir D. Aczel 2009-04-29

Nicolas Bourbaki, whose mathematical publications began to appear in the late 1930s and continued to be published through most of the twentieth century, was a direct product as well as a major force behind an important revolution that took place in the early decades of the twentieth century that completely changed Western culture. Pure

mathematics, the area of Bourbaki's work, seems on the surface to be an abstract field of human study with no direct connection with the real world. In reality, however, it is closely intertwined with the general culture that surrounds it. Major developments in mathematics have often followed important trends in popular culture; developments in mathematics have acted as harbingers of change in the surrounding human culture. The seeds of change, the beginnings of the revolution that swept the Western world in the early decades of the twentieth century — both in mathematics and in other areas — were sown late in the previous century. This is the story both of Bourbaki and the world that created him in that time. It is the story of an elaborate intellectual joke — because Bourbaki, one of the foremost mathematicians of his day — never existed.

*Society Of Mind* - Marvin Minsky 1988-03-15

An authority on artificial intelligence introduces a theory that explores the workings of the human mind and the mysteries of thought

[This Book Needs No Title](#) - Raymond Smullyan 1986-10-15

From Simon & Schuster, *This Book Needs No Title* is Raymond Smullyan's budget of living paradoxes—the author of *What is the Name of This Book?* Including eighty paradoxes, logical labyrinths, and intriguing enigmas progress from light fables and fancies to challenging Zen exercises and a novella and probe the timeless questions of philosophy and life.

**The Last Problem** - Eric Temple Bell 2017-09-08

2017 Reprint of 1961 Edition. Full facsimile of the original edition, not reproduced with Optical Recognition software. What Eric Temple Bell calls "The Last Problem" is the problem of proving 'Fermat's Last Theorem', which Fermat wrote in the margin of a book almost 350 years ago. The original text of The Last Problem traced the problem from 2000 BC to 17th century France. Along the way we learn quite a bit about history, and just as much about mathematics. This book fits no categories. It is not a book of mathematics: it is a biography of a famous problem. Pages go by without an equation appearing. It is both a history of number theory and its place in our civilization, and a history of our

civilization's relationship with mathematics. This rich and varied, wide-ranging book, written with force and vigor by someone with a distinctive style and point of view will provide hours of enjoyable reading for anyone interested in mathematics.

**The Prince of Mathematics** - M. B. W. Tent 2008-10-23

Learn about the boy who - could read and add numbers when he was three years old, - thwarted his teacher by finding a quick and easy way to sum the numbers 1-100, - attracted the attention of a Duke with his genius, and became the man who... - predicted the reappearance of a lost planet, - discovered basic properties of magnetic forces, - invented a surveying tool used by professionals until the invention of lasers. Based on extensive research of original and secondary sources, this historical narrative will inspire young readers and even curious adults with its touching story of personal achievement.

**Men of Mathematics** - E.T. Bell 2014-03-31

From one of the greatest minds in contemporary mathematics, Professor E.T. Bell, comes a witty, accessible, and fascinating look at the beautiful craft and enthralling history of mathematics. *Men of Mathematics* provides a rich account of major mathematical milestones, from the geometry of the Greeks through Newton's calculus, and on to the laws of probability, symbolic logic, and the fourth dimension. Bell breaks down this majestic history of ideas into a series of engrossing biographies of the great mathematicians who made progress possible—and who also led intriguing, complicated, and often surprisingly entertaining lives. Never pedantic or dense, Bell writes with clarity and simplicity to distill great mathematical concepts into their most understandable forms for the curious everyday reader. Anyone with an interest in math may learn from these rich lessons, an advanced degree or extensive research is never necessary.

**An Episodic History of Mathematics** - Steven G. Krantz 2010-04

*An Episodic History of Mathematics* will acquaint students and readers with mathematical language, thought, and mathematical life by means of historically important mathematical vignettes. It will also serve to help prospective teachers become more familiar with important ideas of in the

history of mathematics both classical and modern. Contained within are wonderful and engaging stories and anecdotes about Pythagoras and Galois and Cantor and Poincaré, which let readers indulge themselves in whimsy, gossip, and learning. The mathematicians treated here were complex individuals who led colorful and fascinating lives, and did fascinating mathematics. They remain interesting to us as people and as scientists. This history of mathematics is also an opportunity to have some fun because the focus in this text is also on the practical getting involved with the mathematics and solving problems. This book is unabashedly mathematical. In the course of reading this book, the neophyte will become involved with mathematics by working on the same problems that, for instance, Zeno and Pythagoras and Descartes and Fermat and Riemann worked on. This is a book to be read, therefore, with pencil and paper in hand, and a calculator or computer close by. All will want to experiment; to try things; and become a part of the mathematical process.

Littlewood's Miscellany - John Edensor Littlewood 1986-10-30

Academic life in Cambridge especially in Trinity College is viewed through the eyes of one of its greatest figures. Most of Prof. Littlewood's earlier work is presented along with a wealth of new material.

*What Is Mathematics, Really?* - Reuben Hersh 1997-08-21

Most philosophers of mathematics treat it as isolated, timeless, ahistorical, inhuman. Reuben Hersh argues the contrary, that mathematics must be understood as a human activity, a social phenomenon, part of human culture, historically evolved, and intelligible only in a social context. Hersh pulls the screen back to reveal mathematics as seen by professionals, debunking many mathematical myths, and demonstrating how the "humanist" idea of the nature of mathematics more closely resembles how mathematicians actually work. At the heart of his book is a fascinating historical account of the mainstream of philosophy--ranging from Pythagoras, Descartes, and Spinoza, to Bertrand Russell, David Hilbert, and Rudolph Carnap--followed by the mavericks who saw mathematics as a human artifact, including Aristotle, Locke, Hume, Mill, and Lakatos. What is

*Mathematics, Really?* reflects an insider's view of mathematical life, and will be hotly debated by anyone with an interest in mathematics or the philosophy of science.

Riemannian Geometry - Frank Morgan 2009-06-22

This classic text serves as a tool for self-study; it is also used as a basic text for undergraduate courses in differential geometry. The author's ability to extract the essential elements of the theory in a lucid and concise fashion allows the student easy access to the material and enables the instructor to add emphasis and cover special topics. The extraordinary wealth of examples within the exercises and the new material, ranging from isoperimetric problems to comments on Einstein's original paper on relativity theory, enhance this new edition.

**Love and Math** - Edward Frenkel 2013-10-01

An awesome, globe-spanning, and New York Times bestselling journey through the beauty and power of mathematics. What if you had to take an art class in which you were only taught how to paint a fence? What if you were never shown the paintings of van Gogh and Picasso, weren't even told they existed? Alas, this is how math is taught, and so for most of us it becomes the intellectual equivalent of watching paint dry. In *Love and Math*, renowned mathematician Edward Frenkel reveals a side of math we've never seen, suffused with all the beauty and elegance of a work of art. In this heartfelt and passionate book, Frenkel shows that mathematics, far from occupying a specialist niche, goes to the heart of all matter, uniting us across cultures, time, and space. *Love and Math* tells two intertwined stories: of the wonders of mathematics and of one young man's journey learning and living it. Having braved a discriminatory educational system to become one of the twenty-first century's leading mathematicians, Frenkel now works on one of the biggest ideas to come out of math in the last 50 years: the Langlands Program. Considered by many to be a Grand Unified Theory of mathematics, the Langlands Program enables researchers to translate findings from one field to another so that they can solve problems, such as Fermat's last theorem, that had seemed intractable before. At its core, *Love and Math* is a story about accessing a new way of thinking, which

can enrich our lives and empower us to better understand the world and our place in it. It is an invitation to discover the magic hidden universe of mathematics.

Closing of the American Mind - Allan Bloom 2008-06-30

The brilliant, controversial, bestselling critique of American culture that “hits with the approximate force and effect of electroshock therapy” (The New York Times)—now featuring a new afterword by Andrew Ferguson in a twenty-fifth anniversary edition. In 1987, eminent political philosopher Allan Bloom published *The Closing of the American Mind*, an appraisal of contemporary America that “hits with the approximate force and effect of electroshock therapy” (The New York Times) and has not only been vindicated, but has also become more urgent today. In clear, spirited prose, Bloom argues that the social and political crises of contemporary America are part of a larger intellectual crisis: the result of a dangerous narrowing of curiosity and exploration by the university elites. Now, in this twenty-fifth anniversary edition, acclaimed author and journalist Andrew Ferguson contributes a new essay that describes why Bloom’s argument caused such a furor at publication and why our culture so deeply resists its truths today.

**The Development of Mathematics** - E. T. Bell 2012-09-11

Time-honored study by a prominent scholar of mathematics traces decisive epochs from the evolution of mathematical ideas in ancient Egypt and Babylonia to major breakthroughs in the 19th and 20th centuries. 1945 edition.

*Bernhard Riemann 1826–1866* - Detlef Laugwitz 2009-06-08

The name of Bernard Riemann is well known to mathematicians and physicists around the world. His name is indelibly stamped on the literature of mathematics and physics. This remarkable work, rich in insight and scholarship, is addressed to mathematicians, physicists, and philosophers interested in mathematics. It seeks to draw those readers closer to the underlying ideas of Riemann’s work and to the development of them in their historical context. This illuminating English-language version of the original German edition will be an important contribution to the literature of the history of mathematics.

**Making up Numbers: A History of Invention in Mathematics** -

Ekkehard Kopp 2020-10-23

*Making up Numbers: A History of Invention in Mathematics* offers a detailed but accessible account of a wide range of mathematical ideas. Starting with elementary concepts, it leads the reader towards aspects of current mathematical research. The book explains how conceptual hurdles in the development of numbers and number systems were overcome in the course of history, from Babylon to Classical Greece, from the Middle Ages to the Renaissance, and so to the nineteenth and twentieth centuries. The narrative moves from the Pythagorean insistence on positive multiples to the gradual acceptance of negative numbers, irrationals and complex numbers as essential tools in quantitative analysis. Within this chronological framework, chapters are organised thematically, covering a variety of topics and contexts: writing and solving equations, geometric construction, coordinates and complex numbers, perceptions of ‘infinity’ and its permissible uses in mathematics, number systems, and evolving views of the role of axioms. Through this approach, the author demonstrates that changes in our understanding of numbers have often relied on the breaking of long-held conventions to make way for new inventions at once providing greater clarity and widening mathematical horizons. Viewed from this historical perspective, mathematical abstraction emerges as neither mysterious nor immutable, but as a contingent, developing human activity. *Making up Numbers* will be of great interest to undergraduate and A-level students of mathematics, as well as secondary school teachers of the subject. In virtue of its detailed treatment of mathematical ideas, it will be of value to anyone seeking to learn more about the development of the subject.

The Millennium Prize Problems - James Carlson 2006

"On May 24, 2000, at a meeting at the Collège de France, the Clay Mathematics Institute announced the creation of a US\$7 million prize fund for the solution of seven important classic problems that have resisted solution. The prize fund is divided equally among the seven problems. There is no time limit for their solution. The Millennium Prize

problems gives the official description of each of the seven problems and the rules governing the prizes"--Information screen.

Mathematics - Anne Rooney 2020-11-01

In order to understand the universe you must know the language in which it is written. And that language is mathematics. - Galileo (1564-1642) People have always sought order in the apparent chaos of the universe. Mathematics has been our most valuable tool in that search, uncovering the patterns and rules that govern our world and beyond. This book traces humankind's greatest achievements, plotting a journey through the mathematical intellects of the last 4,000 years to where we stand today. It features the giants of mathematics, from Euclid and Pythagoras, through Napier and Newton, to Leibniz, Riemann, Russell, and many more. Topics include: • Counting and measuring from the earliest times • The Ancient Egyptians and geometry • The movements of planets • Measuring and mapping the world • Fuzzy logic and set theory • The death of numbers ABOUT THE SERIES: Arcturus Fundamentals Series explains fascinating and far-reaching topics in simple terms. Designed with rustic, tactile covers and filled with dynamic illustrations and fact boxes, these books will help you quickly get to grips with complex topics that affect our day-to-day living.

**A Strange Wilderness** - Amir D. Aczel 2011

"Bestselling popular science author Amir Aczel selects the most fascinating individuals and stories in the history of mathematics, presenting a colorful narrative that explores the quirky personalities behind some of the most profound, enduring theorems. Through such mathematical geniuses as Archimedes, Leonardo of Pisa (a.k.a. Fibonacci), Tartaglia ("the stutterer"), Descartes, Gottfried Leibniz, Carl Gauss, Joseph Fourier (Napoleon's mathematician), Evariste Galois, Georg Cantor, Ramanujan, and "Nicholas Bourbaki," we gather little known details about the alliances and rivalries that profoundly impacted the development of what the scheming doctor-turned-mathematician Geronimo Girolamo called "The Great Art." This story of mathematics is not your dry "college textbook" account; tales of duels, battlefield heroism, flamboyant arrogance, pranks, secret societies, imprisonment,

feuds, theft, and even some fatal errors of judgment fill these pages (clearly, genius doesn't guarantee street smarts). Ultimately, readers will come away from this book entertained, with a newfound appreciation of the tenacity, complexity, eccentricity, and brilliance of the mathematical genius"--

**How to Read a Book** - Mortimer J. Adler 2014-09-30

Analyzes the art of reading and suggests ways to approach literary works, offering techniques for reading in specific literary genres ranging from fiction, poetry, and plays to scientific and philosophical works.

Mathematics and the Imagination - Edward Kasner 2013-04-22

With wit and clarity, the authors progress from simple arithmetic to calculus and non-Euclidean geometry. Their subjects: geometry, plane and fancy; puzzles that made mathematical history; tantalizing paradoxes; more. Includes 169 figures.

Math from Three to Seven - Aleksandr Kalmanovich Zvonkin 2011

This book is a captivating account of a professional mathematician's experiences conducting a math circle for preschoolers in his apartment in Moscow in the 1980s. As anyone who has taught or raised young children knows, mathematical education for little kids is a real mystery. What are they capable of? What should they learn first? How hard should they work? Should they even "work" at all? Should we push them, or just let them be? There are no correct answers to these questions, and the author deals with them in classic math-circle style: he doesn't ask and then answer a question, but shows us a problem--be it mathematical or pedagogical--and describes to us what happened. His book is a narrative about what he did, what he tried, what worked, what failed, but most important, what the kids experienced. This book does not purport to show you how to create precocious high achievers. It is just one person's story about things he tried with a half-dozen young children.

Mathematicians, psychologists, educators, parents, and everybody interested in the intellectual development in young children will find this book to be an invaluable, inspiring resource. In the interest of fostering a greater awareness and appreciation of mathematics and its connections to other disciplines and everyday life, MSRI and the AMS are publishing

books in the Mathematical Circles Library series as a service to young people, their parents and teachers, and the mathematics profession. Titles in this series are co-published with the Mathematical Sciences Research Institute (MSRI).

**Math!** - Serge Lang 2013-03-14

**Complexity** - Mitchell M. Waldrop 1993-09

A look at the rebellious thinkers who are challenging old ideas with their insights into the ways countless elements of complex systems interact to produce spontaneous order out of confusion

**Amusements in Mathematics** - Henry Ernest Dudeney 2020-07-17

Reproduction of the original: Amusements in Mathematics by Henry Ernest Dudeney

**The Last Equation of Isaac Severy** - Nova Jacobs 2018-03-06

\*Wall Street Journal's "Mysteries: Best of 2018" \*Book of the Month Club Selection \*Edgar Award Nominee: Best First Novel by an American Author A "hugely entertaining" (Wall Street Journal) mystery starring "a Royal Tenenbaums-esque clan of geniuses" (Martha Stewart Living)—perfect for fans of Mr. Penumbra's 24-Hour Bookstore. In this "riveting...brilliant" (Booklist) debut, Hazel Severy, the owner of a

struggling Seattle bookstore, receives a letter from her adoptive grandfather—mathematician Isaac Severy—days after he dies in a suspected suicide. In his puzzling letter, Isaac alludes to a secretive organization that is after his final bombshell equation, and he charges Hazel with safely delivering it to a trusted colleague. But first, she must find where the equation is hidden. While in Los Angeles for Isaac's funeral, Hazel realizes she's not the only one searching for his life's work, and that the equation's implications have potentially disastrous consequences for the extended Severy family, a group of dysfunctional geniuses unmoored by the sudden death of their patriarch. As agents of an enigmatic company shadow Isaac's favorite son—a theoretical physicist—and a long-lost cousin mysteriously reappears in Los Angeles, the equation slips further from Hazel's grasp. She must unravel a series of confounding clues hidden inside one of her favorite novels, drawing her ever closer to his mathematical treasure. But when her efforts fall short, she is forced to enlist the help of those with questionable motives. "A novel that is anything but clueless, filled with consideration and compassion" (The Washington Post), The Last Equation of Isaac Severy proves that, like Hazel, you don't have to love math to fall under the Severy spell.