

## Read Book Significant Figures The Lives And Work Of Great Mathematicians

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Simply Riemann  
Bunny Mellon  
The Life of August Wilhelm Schlegel,  
Cosmopolitan of Art and Poetry  
Math through the Ages: A Gentle History for  
Teachers and Others Expanded Second Edition  
The Quantum Labyrinth  
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Islamic Civilization in Thirty Lives  
Infinity: A Very Short Introduction  
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## A Significant Life

INSTANT NEW YORK TIMES BESTSELLER AN AMAZON BEST BOOK OF THE MONTH IN BIOGRAPHIES & MEMOIRS A new biography of Bunny Mellon, the style

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icon and American aristocrat who designed the White House Rose Garden for her friend JFK and served as a living witness to 20th Century American history, operating in the high-level arenas of politics, diplomacy, art and fashion. Bunny Mellon, who died in 2014 at age 103, was press-shy during her lifetime. With the cooperation of Bunny Mellon's family, author Meryl Gordon received access to thousands of pages of her letters, diaries and appointment calendars and has interviewed more than 175 people to capture the spirit of this talented American original.

### Simply Riemann

The story of the unlikely friendship between the two physicists who fundamentally recast the notion of time and history In 1939, Richard Feynman, a brilliant graduate of MIT, arrived in John Wheeler's Princeton office to report for duty as his teaching assistant. A lifelong friendship and enormously productive collaboration was born, despite sharp differences in personality. The soft-spoken Wheeler, though conservative in appearance, was a raging nonconformist full of wild ideas about the universe. The boisterous Feynman was a cautious physicist who believed only what could be tested. Yet they were complementary spirits. Their collaboration led to a complete rethinking of the nature of time and reality. It enabled Feynman to show how quantum reality is a combination of alternative, contradictory possibilities, and inspired Wheeler to develop his landmark concept of wormholes, portals to the future

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and past. Together, Feynman and Wheeler made sure that quantum physics would never be the same again.

### Bunny Mellon

“ Jeremy Gray is one of the world ’ s leading historians of mathematics, and an accomplished author of popular science. In *Simply Riemann* he combines both talents to give us clear and accessible insights into the astonishing discoveries of Bernhard Riemann—a brilliant but enigmatic mathematician who laid the foundations for several major areas of today ’ s mathematics, and for Albert Einstein ’ s General Theory of Relativity. Readable, organized—and simple. Highly recommended. ” —Ian Stewart, Emeritus Professor of Mathematics at Warwick University and author of *Significant Figures*

Born to a poor Lutheran pastor in what is today the Federal Republic of Germany, Bernhard Riemann (1826-1866) was a child math prodigy who began studying for a degree in theology before formally committing to mathematics in 1846, at the age of 20. Though he would live for only another 20 years (he died of pleurisy during a trip to Italy), his seminal work in a number of key areas—several of which now bear his name—had a decisive impact on the shape of mathematics in the succeeding century and a half. In *Simply Riemann*, author Jeremy Gray provides a comprehensive and intellectually stimulating introduction to Riemann ’ s life and paradigm-defining work. Beginning with his early influences—in particular, his relationship with his renowned predecessor Carl Friedrich Gauss—Gray goes on to

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explore Riemann ' s specific contributions to geometry, functions of a complex variable, prime numbers, and functions of a real variable, which opened the way to discovering the limits of the calculus. He shows how without Riemannian geometry, cosmology after Einstein would be unthinkable, and he illuminates the famous Riemann hypothesis, which many regard as the most important unsolved problem in mathematics today. With admirable concision and clarity, Simply Riemann opens the door on one of the most profound and original thinkers of the 19th century—a man who pioneered the concept of a multidimensional reality and who always saw his work as another way to serve God.

### The Life of August Wilhelm Schlegel, Cosmopolitan of Art and Poetry

Very, a New England Transcendentalist and a protege of Ralph Waldo Emerson, is one of the underrated American poets of the nineteenth century. Though he attracted a select audience in his day, serious study of Very's work in this century has been hampered by the lack of a complete, convenient, and reliable edition of his poetry. Perhaps even more discouraging to readers of older collections of Very's poems has been the puzzling variance in the style and quality of the verse. This edition, in which the poems are dated and chronologically arranged, reveals the three stages of Very's poetic development, out of which the distinctive genius of the second period clearly emerges. Written under the influence of a powerful psychological/spiritual experience, the ecstatic utterances of this period are by turns breathless in their

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intensity and tranquil in their serene contentment.

### Math through the Ages: A Gentle History for Teachers and Others Expanded Second Edition

States that the mental construct of mathematics can provide humankind with a key tool to understanding the world, and discusses the implications of basic math concepts

### The Quantum Labyrinth

The first full-scale biography of the great 20th-century artist, craftsman, and thinker Josef Albers, whose influence is still felt today.

### The Prince of Mathematics

And although originally written in Czech, the book was commissioned by Catbird Press and was therefore written with foreign readers in mind; in other words, no prior knowledge of Capek's writings or his milieu is required."--BOOK JACKET.

### In Pursuit of the Unknown

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Since the discovery over one hundred years ago of a body of Mesopotamian poetry preserved on clay tablets, what has come to be known as the Epic of Gilgamesh has been considered a masterpiece of ancient literature. It recounts the deeds of a hero-king of ancient Mesopotamia, following him through adventures and encounters with men and gods alike. Yet the central concerns of the Epic lie deeper than the lively and exotic story line: they revolve around a man ' s eternal struggle with the limitations of human nature, and encompass the basic human feelings of loneliness, friendship, love, loss, revenge, and the fear of oblivion of death. These themes are developed in a distinctly Mesopotamian idiom, to be sure, but with a sensitivity and intensity that touch the modern reader across the chasm of three thousand years. This translation presents the Epic to the general reader in a clear narrative.

### Islamic Civilization in Thirty Lives

Biologists have long dismissed mathematics as being unable to meaningfully contribute to our understanding of living beings. Within the past ten years, however, mathematicians have proven that they hold the key to unlocking the mysteries of our world--and ourselves. In *The Mathematics of Life*, Ian Stewart provides a fascinating overview of the vital but little-recognized role mathematics has played in pulling back the curtain on the hidden complexities of the natural world--and how its contribution will be even more vital in the years ahead. In his characteristically clear and

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entertaining fashion, Stewart explains how mathematicians and biologists have come to work together on some of the most difficult scientific problems that the human race has ever tackled, including the nature and origin of life itself.

### Infinity: A Very Short Introduction

The Cold War, The Lavender Scare and the Untold Story of Eisenhower's First National Security Advisor. "An extraordinary story. . . a gripping, moving tale." -- Evan Thomas, author of *Ike's Bluff: President Eisenhower's Secret Battle to Save the World* "A historical treasure unearthed . . . A must-read for all Cold War scholars, it is a great read for everyone else." -- Martin J. Sherwin, Pulitzer-Prize-winning co-author of *American Prometheus: The Triumph and Tragedy of J. Robert Oppenheimer* "This is a book that deserves, and is sure to get, a wide audience." -- Michael Isikoff, co-author of *Russian Roulette: The Inside Story of Putin's War on America and the Election of Donald Trump* President Eisenhower's National Security Advisor Robert "Bobby" Cutler shaped US Cold War strategy in far more consequential ways than previously understood. A lifelong Republican, Cutler also served three Democratic presidents. The life of any party, he was a tight-lipped loyalist who worked behind the scenes to get things done. While Cutler's contributions to the public sphere may not have received, until now, the consideration they deserve, the story of his private life has never before been told. Cutler struggled throughout his years in the White House to discover and embrace his own

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sexual identity and orientation, and he was in love with a man half his age, NSC staffer Skip Koons. Cutler poured his emotions into a six-volume diary and dozens of letters that have been hidden from history. Steve Benedict, who was White House security officer, Cutlers' friend and Koons' friend and former lover, preserved Cutler's papers. All three men served Eisenhower at a time when anyone suspected of "sexual perversion", i.e. homosexuality, was banned from federal employment and vulnerable to security sweeps by the FBI.

### The Joy of $x$

A celebrated mathematician traces the history of math through the lives and work of twenty-five pioneering mathematicians In Significant Figures, acclaimed mathematician Ian Stewart introduces the visionaries of mathematics throughout history. Delving into the lives of twenty-five great mathematicians, Stewart examines the roles they played in creating, inventing, and discovering the mathematics we use today. Through these short biographies, we get acquainted with the history of mathematics from Archimedes to Benoit Mandelbrot, and learn about those too often left out of the cannon, such as Muhammad ibn Musa al-Khwarizmi (c. 780-850), the creator of algebra, and Augusta Ada King (1815-1852), Countess of Lovelace, the world's first computer programmer. Tracing the evolution of mathematics over the course of two millennia, Significant Figures will educate and delight aspiring mathematicians and experts alike.

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### The Private Life of Chairman Mao

For the second edition of this introduction to today's mathematics, Ian Stewart has revised the text to take account of recent developments in the field. There are three new chapters, including one on Kepler's sphere-packing problem, which has taken 380 years to solve.

### Chemistry Atoms First 2e

The story of one man's triumph over a legendary monster, Beowulf marks the beginning of Anglo-Saxon literature as we know it today. This Enriched Classic includes:

- A concise introduction that gives readers important background information
- A timeline of significant events that provides the book's historical context
- An outline of key themes and plot points to help readers form their own interpretations
- Detailed explanatory notes
- Critical analysis and modern perspectives on the work
- Discussion questions to promote lively classroom and book group interaction
- A list of recommended related books and films to broaden the reader's experience

Enriched Classics offer readers affordable editions of great works of literature enhanced by helpful notes and insightful commentary. The scholarship provided in Enriched Classics enables readers to appreciate, understand, and enjoy the world's finest books to their full potential. Series edited by Cynthia

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Brantley Johnson

## Anthem

The instant #1 New York Times bestseller--now a major motion picture starring Amandla Stenberg as Maddy and Nick Robinson as Olly. Risk everything . . . for love. What if you couldn't touch anything in the outside world? Never breathe in the fresh air, feel the sun warm your face . . . or kiss the boy next door? In *Everything, Everything*, Maddy is a girl who's literally allergic to the outside world, and Olly is the boy who moves in next door . . . and becomes the greatest risk she's ever taken. My disease is as rare as it is famous. Basically, I'm allergic to the world. I don't leave my house, have not left my house in seventeen years. The only people I ever see are my mom and my nurse, Carla. But then one day, a moving truck arrives next door. I look out my window, and I see him. He's tall, lean and wearing all black—black T-shirt, black jeans, black sneakers, and a black knit cap that covers his hair completely. He catches me looking and stares at me. I stare right back. His name is Olly. Maybe we can't predict the future, but we can predict some things. For example, I am certainly going to fall in love with Olly. It's almost certainly going to be a disaster. *Everything, Everything* will make you laugh, cry, and feel everything in between. It's an innovative, inspiring, and heartbreakingly romantic debut novel that unfolds via vignettes, diary entries, illustrations, and more. The movie is available on digital now! [everythingeverythingfilm](#) on Instagram @everythingfilm on Twitter

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@everythingeverythingmovie on Facebook everythingeverythingmovie.com And don't miss Nicola Yoon's *The Sun Is Also A Star*, the #1 New York Times bestseller in which two teens are brought together just when it seems like the universe is sending them in opposite directions.

### Eleanor Marx (1855 – 1898)

The seventeen equations that form the basis for life as we know it Most people are familiar with history's great equations: Newton's Law of Gravity, for instance, or Einstein's theory of relativity. But the way these mathematical breakthroughs have contributed to human progress is seldom appreciated. In *In Pursuit of the Unknown*, celebrated mathematician Ian Stewart untangles the roots of our most important mathematical statements to show that equations have long been a driving force behind nearly every aspect of our lives. Using seventeen of our most crucial equations--including the Wave Equation that allowed engineers to measure a building's response to earthquakes, saving countless lives, and the Black-Scholes model, used by bankers to track the price of financial derivatives over time--Stewart illustrates that many of the advances we now take for granted were made possible by mathematical discoveries. An approachable, lively, and informative guide to the mathematical building blocks of modern life, *In Pursuit of the Unknown* is a penetrating exploration of how we have also used equations to make sense of, and in turn influence, our world.

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## The 100

Karl Marx's youngest daughter Eleanor (1855-98) is one of the most significant figures in the cultural politics of the late nineteenth century. As a feminist and radical socialist she never flinched from confrontation; as an aspiring actress, working journalist and literary translator she advanced contemporary understanding of Flaubert, Ibsen and Shakespeare. This collection of newly commissioned essays helps to establish the full extent of her outstanding achievements.

## Infinite Powers

'Math through the Ages' is a treasure, one of the best history of math books at its level ever written. Somehow, it manages to stay true to a surprisingly sophisticated story, while respecting the needs of its audience. Its overview of the subject captures most of what one needs to know, and the 30 sketches are small gems of exposition that stimulate further exploration. --Glen van Brummelen, Quest University, President (2012-14) of the Canadian Society for History and Philosophy of Mathematics Where did math come from? Who thought up all those algebra symbols, and why? What is the story behind  $\pi$ ? negative numbers? the metric system? quadratic equations? sine and cosine? logs? The 30 independent historical sketches in Math through the Ages answer these questions and many others in an

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informal, easygoing style that is accessible to teachers, students, and anyone who is curious about the history of mathematical ideas. Each sketch includes Questions and Projects to help you learn more about its topic and to see how the main ideas fit into the bigger picture of history. The 30 short stories are preceded by a 58-page bird's-eye overview of the entire panorama of mathematical history, a whirlwind tour of the most important people, events, and trends that shaped the mathematics we know today. "What to Read Next" and reading suggestions after each sketch provide starting points for readers who want to learn more. This book is ideal for a broad spectrum of audiences, including students in history of mathematics courses at the late high school or early college level, pre-service and in-service teachers, and anyone who just wants to know a little more about the origins of mathematics.

### Math Makers

"He first full biography of Jonas Salk offers a complete picture of the enigmatic figure, from his early years working on an influenza vaccine--for which he never fully got credit--to his seminal creation of the Polio vaccine, up through his later work to find a cure for AIDS"--

### The Epic of Gilgamesh

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A list of the one hundred most influential people in history features descriptions of the careers, contributions, and accomplishments of the political and religious leaders, inventors, writers, artists, and others who changed the course of history. Simultaneous.

### The Problems of Mathematics

The authors use quantitative analysis to rank the prominence of more than 1,000 of history's biggest figures, while also discussing trends gleaned from the rankings, as well as the computational methods used to determine the rankings.

### The Big Picture

Q.E.D. presents some of the most famous mathematical proofs in a charming book that will appeal to nonmathematicians and math experts alike. Grasp in an instant why Pythagoras's theorem must be correct. Follow the ancient Chinese proof of the volume formula for the frustrating frustum, and Archimedes' method for finding the volume of a sphere. Discover the secrets of pi and why, contrary to popular belief, squaring the circle really is possible. Study the subtle art of mathematical domino tumbling, and find out how slicing cones helped save a city and put a man on the moon.

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## Jonas Salk

Infinity is an intriguing topic, with connections to religion, philosophy, metaphysics, logic, and physics as well as mathematics. Its history goes back to ancient times, with especially important contributions from Euclid, Aristotle, Eudoxus, and Archimedes. The infinitely large (infinite) is intimately related to the infinitely small (infinitesimal). Cosmologists consider sweeping questions about whether space and time are infinite. Philosophers and mathematicians ranging from Zeno to Russell have posed numerous paradoxes about infinity and infinitesimals. Many vital areas of mathematics rest upon some version of infinity. The most obvious, and the first context in which major new techniques depended on formulating infinite processes, is calculus. But there are many others, for example Fourier analysis and fractals. In this Very Short Introduction, Ian Stewart discusses infinity in mathematics while also drawing in the various other aspects of infinity and explaining some of the major problems and insights arising from this concept. He argues that working with infinity is not just an abstract, intellectual exercise but that it is instead a concept with important practical everyday applications, and considers how mathematicians use infinity and infinitesimals to answer questions or supply techniques that do not appear to involve the infinite. ABOUT THE SERIES: The Very Short Introductions series from Oxford University Press contains hundreds of titles in almost every subject area. These pocket-sized books are the perfect way to get ahead in a new subject quickly. Our expert authors combine facts, analysis, perspective, new ideas,

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and enthusiasm to make interesting and challenging topics highly readable.

### Ike's Mystery Man

Uncertainty is everywhere. It lurks in every consideration of the future - the weather, the economy, the sex of an unborn child - even quantities we think that we know such as populations or the transit of the planets contain the possibility of error. It's no wonder that, throughout that history, we have attempted to produce rigidly defined areas of uncertainty - we prefer the surprise party to the surprise asteroid. We began our quest to make certain an uncertain world by reading omens in livers, tea leaves, and the stars. However, over the centuries, driven by curiosity, competition, and a desire to be better gamblers, pioneering mathematicians and scientists began to reduce wild uncertainties to tame distributions of probability and statistical inferences. But, even as unknown unknowns became known unknowns, our pessimism made us believe that some problems were unsolvable and our intuition misled us. Worse, as we realized how omnipresent and varied uncertainty is, we encountered chaos, quantum mechanics, and the limitations of our predictive power. Bestselling author Professor Ian Stewart explores the history and mathematics of uncertainty. Touching on gambling, probability, statistics, financial and weather forecasts, censuses, medical studies, chaos, quantum physics, and climate, he makes one thing clear: a reasonable probability is the only certainty.

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### Who's Bigger?

What makes for a good life, or a beautiful one, or, perhaps most important, a meaningful one? Throughout history most of us have looked to our faith, our relationships, or our deeds for the answer. But in *A Significant Life*, philosopher Todd May offers an exhilarating new way of thinking about these questions, one deeply attuned to life as it actually is: a work in progress, a journey—and often a narrative. Offering moving accounts of his own life and memories alongside rich engagements with philosophers from Aristotle to Heidegger, he shows us where to find the significance of our lives: in the way we live them. May starts by looking at the fundamental fact that life unfolds over time, and as it does so, it begins to develop certain qualities, certain themes. Our lives can be marked by intensity, curiosity, perseverance, or many other qualities that become guiding narrative values. These values lend meanings to our lives that are distinct from—but also interact with—the universal values we are taught to cultivate, such as goodness or happiness. Offering a fascinating examination of a broad range of figures—from music icon Jimi Hendrix to civil rights leader Fannie Lou Hamer, from cyclist Lance Armstrong to *The Portrait of a Lady*'s Ralph Touchett to Claus von Stauffenberg, a German officer who tried to assassinate Hitler—May shows that narrative values offer a rich variety of criteria by which to assess a life, specific to each of us and yet widely available. They offer us a way of reading ourselves, who we are, and who we might like to be. Clearly and eloquently written, *A Significant Life* is a recognition and a comfort, a celebration of

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the deeply human narrative impulse by which we make—even if we don't realize it—meaning for ourselves. It offers a refreshing way to think of an age-old question, of quite simply, what makes a life worth living.

### Letters to a Young Mathematician

Mathematician Ian Stewart tells readers what he wishes he had known when he was a student. He takes up subjects ranging from the philosophical to the practical—what mathematics is and why it's worth doing, the relationship between logic and proof, the role of beauty in mathematical thinking, the future of mathematics, how to deal with the peculiarities of the mathematical community, and many others.

Karel apek

Physics.

Q.E.D.

“ Delightful . . . easily digestible chapters include plenty of helpful examples and illustrations. You'll never forget the Pythagorean theorem again! ” —Scientific American  
Many people take math in high school and promptly forget much of it. But math plays

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a part in all of our lives all of the time, whether we know it or not. In *The Joy of x*, Steven Strogatz expands on his hit New York Times series to explain the big ideas of math gently and clearly, with wit, insight, and brilliant illustrations. Whether he is illuminating how often you should flip your mattress to get the maximum lifespan from it, explaining just how Google searches the internet, or determining how many people you should date before settling down, Strogatz shows how math connects to every aspect of life. Discussing pop culture, medicine, law, philosophy, art, and business, Strogatz is the math teacher you wish you 'd had. Whether you aced integral calculus or aren't sure what an integer is, you'll find profound wisdom and persistent delight in *The Joy of x*.

### Why Beauty Is Truth

Religious thinkers, political leaders, lawmakers, writers, and philosophers have shaped the 1,400-year-long development of the world's second-largest religion. But who were these people? What do we know of their lives and the ways in which they influenced their societies? In *Islamic Civilization in Thirty Lives*, the distinguished historian of Islam Chase F. Robinson draws on the long tradition in Muslim scholarship of commemorating in writing the biographies of notable figures, but he weaves these ambitious lives together to create a rich narrative of Islamic civilization, from the Prophet Muhammad in the seventh century to the era of the world conquerer Timur and the Ottoman Sultan Mehmed II in the fifteenth. Beginning

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in Islam ' s heartland, Mecca, and ranging from North Africa and Iberia in the west to Central and East Asia, Robinson not only traces the rise and fall of Islamic states through the biographies of political and military leaders who worked to secure peace or expand their power, but also discusses those who developed Islamic law, scientific thought, and literature. What emerges is a fascinating portrait of rich and diverse Islamic societies. Alongside the famous characters who colored this landscape—including Muhammad ' s cousin ' Ali; the Crusader-era hero Saladin; and the poet Rumi—are less well-known figures, such as Ibn Fadlan, whose travels in Eurasia brought fascinating first-hand accounts of the Volga Vikings to the Abbasid Caliph; the eleventh-century Karima al-Marwaziyya, a woman scholar of Prophetic traditions; and Abu al-Qasim Ramisht, a twelfth-century merchant millionaire. An illuminating read for anyone interested in learning more about this often-misunderstood civilization, this book creates a vivid picture of life in all arenas of the pre-modern Muslim world.

### Significant Figures

This is the first full-scale biography, in any language, of a towering figure in German and European Romanticism: August Wilhelm Schlegel whose life, 1767 to 1845, coincided with its inexorable rise. As poet, translator, critic and oriental scholar, Schlegel's extraordinarily diverse interests and writings left a vast intellectual legacy, making him a foundational figure in several branches of knowledge. He was

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one of the last thinkers in Europe able to practise as well as to theorise, and to attempt to comprehend the nature of culture without being forced to be a narrow specialist. With his brother Friedrich, for example, Schlegel edited the avant-garde Romantic periodical *Athenaeum*; and he produced with his wife Caroline a translation of Shakespeare, the first metrical version into any foreign language. Schlegel's *Lectures on Dramatic Art and Literature* were a defining force for Coleridge and for the French Romantics. But his interests extended to French, Italian, Spanish and Portuguese literature, as well to the Greek and Latin classics, and to Sanskrit. August Wilhelm Schlegel is the first attempt to engage with this totality, to combine an account of Schlegel's life and times with a critical evaluation of his work and its influence. Through the study of one man's rich life, incorporating the most recent scholarship, theoretical approaches, and archival resources, while remaining easily accessible to all readers, Paulin has recovered the intellectual climate of Romanticism in Germany and traced its development into a still-potent international movement. The extraordinarily wide scope and variety of Schlegel's activities have hitherto acted as a barrier to literary scholars, even in Germany. In Roger Paulin, whose career has given him the knowledge and the experience to grapple with such an ambitious project, Schlegel has at last found a worthy exponent.

### Do Dice Play God?

The instant New York Times bestseller about humanity's place in the universe—and

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how we understand it. “ Vividimpressive.Splendidly informative. ” —The New York Times “ Succeeds spectacularly. ” —Science “ A tour de force. ” —Salon Already internationally acclaimed for his elegant, lucid writing on the most challenging notions in modern physics, Sean Carroll is emerging as one of the greatest humanist thinkers of his generation as he brings his extraordinary intellect to bear not only on Higgs bosons and extra dimensions but now also on our deepest personal questions: Where are we? Who are we? Are our emotions, our beliefs, and our hopes and dreams ultimately meaningless out there in the void? Do human purpose and meaning fit into a scientific worldview? In short chapters filled with intriguing historical anecdotes, personal asides, and rigorous exposition, readers learn the difference between how the world works at the quantum level, the cosmic level, and the human level—and then how each connects to the other. Carroll's presentation of the principles that have guided the scientific revolution from Darwin and Einstein to the origins of life, consciousness, and the universe is dazzlingly unique. Carroll shows how an avalanche of discoveries in the past few hundred years has changed our world and what really matters to us. Our lives are dwarfed like never before by the immensity of space and time, but they are redeemed by our capacity to comprehend it and give it meaning. The Big Picture is an unprecedented scientific worldview, a tour de force that will sit on shelves alongside the works of Stephen Hawking, Carl Sagan, Daniel Dennett, and E. O. Wilson for years to come.

The Mathematics of Life

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This keepsake hard cover edition of The Epistle of JAMES was taken from the King James translation of the Bible. The King James Translation is a masterwork of style, and the most important book in the English language, it has been the driving force in shaping the English-speaking world for hundreds of years. The Epistle of James has an overall theme of patient perseverance during trials and temptations, James wrote to encourage his readers to live consistently with what they have learned in Christ. He wants his readers to mature in their faith in Christ by living what they say they believe. He condemns various sins, including pride, hypocrisy, favoritism, and slander. He encourages and implores believers to humbly live by godly rather than worldly wisdom and to pray in all situations. JAMES is one of the shortest books in the bible and is sold at or near the publisher's cost and offered up for the collector who wished to have an unbroken set of this keepsake editions.

## Nature's Numbers

An entertaining history of mathematics as chronicled through fifty short biographies. Mathematics today is the fruit of centuries of brilliant insights by men and women whose personalities and life experiences were often as extraordinary as their mathematical achievements. This entertaining history of mathematics chronicles those achievements through fifty short biographies that bring these great thinkers to life while making their contributions understandable to readers with little math

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background. Among the fascinating characters profiled are Isaac Newton (1642-1727), the founder of classical physics and infinitesimal calculus—he frequently quarreled with fellow scientists and was obsessed by alchemy and arcane Bible interpretation; Sophie Germain (1776 - 1831), who studied secretly at the Ecole Polytechnique in Paris, using the name of a previously enrolled male student—she is remembered for her work on Fermat's Last Theorem and on elasticity theory; Emmy Noether (1882 - 1935), whom Albert Einstein described as the most important woman in the history of mathematics—she made important contributions to abstract algebra and in physics she clarified the connection between conservation laws and symmetry; and Srinivasa Ramanujan (1887-1920), who came from humble origins in India and had almost no formal training, yet made substantial contributions to mathematical analysis, number theory, infinite series, and continued fractions. The unusual behavior and life circumstances of these and many other intriguing personalities make for fascinating reading and a highly enjoyable introduction to mathematics.

Hidden Figures LP

Jones Very

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### Everything, Everything

Equality 7-2521 finds himself out of step with the collectivist society of the future, and discovers a means to freedom in Ayn Rand ' s fable of the individual in conflict with society. First published in 1938, Anthem takes place in a dystopian future world in which humanity is enduring a new dark age, human life is regimented in every respect and personal identity has been all but snuffed out by a totalitarian government. The narrator, writing his story in secret, realizes he is a criminal simply for having thoughts of his own. Exploring the ruins of a previous civilization he discovers relics, conducts forbidden experiments and learns enough to question the very structure of his society. Can he share this knowledge with his fellow citizens? The author strips the relationship of humanity to civilization down to its bare essence in this modern parable that starkly illuminates the challenge an oppressive government presents to individuality. With an eye-catching new cover, and professionally typeset manuscript, this edition of Anthem is both modern and readable.

### Teaching with Poverty in Mind

Photographs accompanied by autobiographical text written by each mathematician.

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### Josef Albers

From preeminent math personality and author of *The Joy of x*, a brilliant and endlessly appealing explanation of calculus - how it works and why it makes our lives immeasurably better. Without calculus, we wouldn't have cell phones, TV, GPS, or ultrasound. We wouldn't have unraveled DNA or discovered Neptune or figured out how to put 5,000 songs in your pocket. Though many of us were scared away from this essential, engrossing subject in high school and college, Steven Strogatz's brilliantly creative, down to earth history shows that calculus is not about complexity; it's about simplicity. It harnesses an unreal number--infinity--to tackle real world problems, breaking them down into easier ones and then reassembling the answers into solutions that feel miraculous. *Infinite Powers* recounts how calculus tantalized and thrilled its inventors, starting with its first glimmers in ancient Greece and bringing us right up to the discovery of gravitational waves (a phenomenon predicted by calculus). Strogatz reveals how this form of math rose to the challenges of each age: how to determine the area of a circle with only sand and a stick; how to explain why Mars goes "backwards" sometimes; how to make electricity with magnets; how to ensure your rocket doesn't miss the moon; how to turn the tide in the fight against AIDS. As Strogatz proves, calculus is truly the language of the universe. By unveiling the principles of that language, *Infinite Powers* makes us marvel at the world anew.

# Read Book Significant Figures The Lives And Work Of Great Mathematicians

## Beowulf

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.

## Mathematicians

“ The most revealing book ever published on Mao, perhaps on any dictator in history. ” —Professor Andrew J. Nathan, Columbia University From 1954 until Mao Zedong's death twenty-two years later, Dr. Li Zhisui was the Chinese ruler's personal physician, which put him in daily—and increasingly intimate—contact with Mao and his inner circle. in *The Private Life of Chairman Mao*, Dr. Li vividly reconstructs his extraordinary experience at the center of Mao's decadent imperial court. Dr. Li clarifies numerous long-standing puzzles, such as the true nature of Mao's feelings toward the United States and the Soviet Union. He describes Mao's deliberate

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rudeness toward Khrushchev and reveals the actual catalyst of Nixon's historic visit. Here are also surprising details of Mao's personal depravity (we see him dependent on barbiturates and refusing to wash, dress, or brush his teeth) and the sexual politics of his court. To millions of Chinese, Mao was more god than man, but for Dr. Li, he was all too human. Dr. Li's intimate account of this lecherous, paranoid tyrant, callously indifferent to the suffering of his people, will forever alter our view of Chairman Mao and of China under his rule. Praise for *The Private Life of Chairman Mao* “ From now on no one will be able to pretend to understand Chairman Mao's place in history without reference to this revealing account. ” —Professor Lucian Pye, Massachusetts Institute of Technology “ Dr. Li does for Mao what the physician Lord Moran's memoir did for Winston Churchill—turns him into a human being. Here is Mao unveiled: eccentric, demanding, suspicious, unregretful, lascivious, and unfailingly fascinating. Our view of Mao will never be the same again. ” —Ross Terrill, author of *China in Our Time* “ An extraordinarily intimate portrait of Mao. [Dr. Li] portrays [Mao's imperial court] as a place of boundless decadence, licentiousness, selfishness, relentless toadying and cutthroat political intrigue. ” —Richard Bernstein, *The New York Times* “ One of the most provocative books on Mao to appear since the publication of Edgar Snow's *Red Star Over China*. ” —Paul G. Pickowicz, *The Wall Street Journal*

## The Epistle of JAMES

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In *Teaching with Poverty in Mind: What Being Poor Does to Kids' Brains and What Schools Can Do About It*, veteran educator and brain expert Eric Jensen takes an unflinching look at how poverty hurts children, families, and communities across the United States and demonstrates how schools can improve the academic achievement and life readiness of economically disadvantaged students. Jensen argues that although chronic exposure to poverty can result in detrimental changes to the brain, the brain's very ability to adapt from experience means that poor children can also experience emotional, social, and academic success. A brain that is susceptible to adverse environmental effects is equally susceptible to the positive effects of rich, balanced learning environments and caring relationships that build students' resilience, self-esteem, and character. Drawing from research, experience, and real school success stories, *Teaching with Poverty in Mind* reveals

- \* What poverty is and how it affects students in school;
- \* What drives change both at the macro level (within schools and districts) and at the micro level (inside a student's brain);
- \* Effective strategies from those who have succeeded and ways to replicate those best practices at your own school; and
- \* How to engage the resources necessary to make change happen.

Too often, we talk about change while maintaining a culture of excuses. We can do better. Although no magic bullet can offset the grave challenges faced daily by disadvantaged children, this timely resource shines a spotlight on what matters most, providing an inspiring and practical guide for enriching the minds and lives of all your students.

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