La Formula Segreta Dei Simpson Numeri Teoremi E Altri Enigmi

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Alex's Adventures in Numberland - Alex Bellos 2011-04-04
The world of maths can seem mind-boggling, irrelevant and, let's face it, boring. This groundbreaking book reclaims maths from the geeks. Mathematical ideas underpin just about everything in our lives: from the surprising geometry of the 50p piece to how probability can help you win in any casino. In search of weird and wonderful mathematical phenomena, Alex Bellos travels across the globe and meets the world's fastest mental calculators in Germany and a startlingly numerate chimpanzee in Japan. Packed with fascinating, eye-opening anecdotes, Alex's Adventures in Numberland is an exhilarating cocktail of history, reportage and mathematical proofs that will leave you awestruck.

The Principle - Jérôme Ferrari 2017-02-28
A young philosopher, fascinated by Heisenberg and his uncertainty principle, grapples with a world scarred by the legacies of war. In this lyrical novel, a young, disenchanted philosopher reckons with the evil at work in the contemporary world by reimagining the life of Werner Heisenberg, the Nobel Prize-winning German physicist infamous for two reasons: revolutionizing quantum mechanics with his "uncertainty principle" at the tender age of twenty-three, and participating in Nazi efforts to build a nuclear bomb. The story of the inevitably compromised meeting between a man's soul and the mysterious beauty of the world, The Principle plumbs the depths of an intellectual giant whose sublime insights into nature did not preclude his cooperation, however ambiguous, with the darkest forces of his day. In an unflinching look at the failings of European culture, Jérôme Ferrari offers a compelling vision of a fractured, globalized world whose tragedies are rooted in those of the twentieth century. The Principle is a poetic glimpse into the mysteries of the physical world and the minds of those who seek to uncover them.

Atoms in the Family - Laura Fermi 2014-10-24
In this absorbing account of life with the great atomic scientist Enrico Fermi, Laura Fermi tells the story of their emigration to the United States in the 1930s—part of the widespread movement of scientists from Europe to the New World that was so important to the development of the first atomic bomb. Combining intellectual biography and social history, Laura Fermi traces her husband's career from his childhood, when he taught himself physics, through his rise in the Italian university system concurrent with the rise of fascism, to his receipt of the Nobel Prize, which offered a perfect opportunity to flee the country without arousing official suspicion, and his odyssey to the United States.

The Mystery of the Aleph - Amir D. Aczel 2001-08-28
A compelling narrative that blends the story of infinity with the tragic tale of a tormented and brilliant mathematician.

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.

Arts and Humanities in Progress - Dario Martinelli 2016-10-13

The book aims to introduce a research concept called "Numanities", as one possible attempt to overcome the current scientific, social and institutional crisis of the humanities. Such crisis involves their impact on, and role within, society; their popularity among students and scholars; and their identity as producers and promoters of knowledge. The modern western world and its economic policies have been identified as the strongest cause of such a crisis. Creating the conditions for, but in fact encouraging it. However, a self-critical assessment of the situation is called for. Our primary fault as humanists was that of stubbornly thinking that the world's changes could never really affect us, as – we felt – our identity was sacred. In the light of these approaches, the main strengths of humanities have been identified in the ability to: promote critical thinking and analytical reasoning; provide knowledge and understanding of democracy and social justice; develop leadership, cultural and ethical values. The main problems of humanities are the lack economic relevance; the socio-institutional perception of them as "impractical" and unemployable; the fact that they do not match with technological development. Finally, the resulting crisis consists mainly in the absence (or radical reduction) of funding from institutions; a decrease in student numbers a decrease in interest; a loss of centrality in society. A Numanities (New Humanities) project should consider all these aspects, with self-critical assessment on the first line. The goal is to unify the various fields, approaches and also potentials of the humanities in the context, dynamics and problems of current societies, and in an attempt to overcome the above-described crisis. Numanities are introduced not as a theoretical paradigm, but in terms of an "umbrella-concept" that has no specific scientific content in it: that particularly means that the many existing new fields and research trends that are addressing the same problems (post-humanism, transhumanism, transformational humanities, etc.) are not competitors of Numanities, but rather possible ways to them. Therefore, more than a theoretical program, Numanities intend to pursue a mission, and that is summarized in a seven-point manifesto. In the light of these premises and reflections, the book then proceeds to identify the areas of inquiry that Numanities, in their functions and comprehensive approach, seek to cover. The following list should also be understood as a statement of purposes for this entire book series. These, in other words, will be the topics/areas we intend to represent. Once elaborated on the foundations of Numanities, the book features a second part that presents two case studies based on two relatively recent (and now updated) investigations that the author has performed in the fields of musical and animal studies respectively. The two cases (and relative areas of inquiry) were selected because they were considered particularly relevant within the discussion of Numanities, and in two different ways. In the first case-study the author discussed the most typical result (or perhaps cause?) of the technophobic attitude that was addressed in the first part of the book: the issue of "authenticity", as applied, in the author's particular study, to popular music. In the second case-study, he analyzes two different forms of comparative analysis between human and non-human cognition: like in the former case, this study, too, is aimed at a critical commentary on (what the author considers) redundant biases in current humanistic research – anthropocentrism and speciesism.

Venice in Love - Mariapia Lionello 2022

Everything You Know is Wrong - Russell Kick 2002

The Parrot's Theorem - Denis Guedj 2013-08-20
Mr. Ruche, a Parisian bookseller, receives a bequest from a long lost friend in the Amazon of a vast library of math books, which propels him into a great exploration of the story of mathematics. Meanwhile Max, whose family lives with Mr. Ruche, takes in a voluble parrot who will discuss math with anyone. When Mr. Ruche learns of his friend's mysterious death in a Brazilian rainforest, he decides that with the parrot's help he will use these books to teach Max and his brother and sister the mysteries of Euclid's Elements, Pythagoras's Theorem and the countless other mathematical wonders. But soon it becomes clear that Mr. Ruche has inherited the library for reasons other than enlightenment, and before he knows it the household is racing to prevent the parrot and vital, new theorems from falling into the wrong hands. An immediate bestseller when first published in France, The Parrot's Theorem charmingly combines a straightforward history of mathematics and a first-rate murder mystery.

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.

Utopia and the Ideal Society - J. C. Davis 1983-07-28
This text provides a major study for all those working in the fields of 16th- and 17th-century political and social thought.

Screening the Body - Lisa Cartwright 1995
Moving images are used as diagnostic tools and locational devices every day in hospitals, clinics and laboratories. But how and when did such issues come to be established and accepted sources of knowledge about the body in medical culture? How are the specialized techniques and codes of these imaging techniques determined, and whose bodies are studied, diagnosed and treated with the help of optical recording devices? "Screening the Body" traces the unusual history of scientific film during the late 19th and early 20th centuries, presenting material that is at once disturbing and engrossing. Lisa Cartwright looks at films like "The Elephant Electrocution". She brings to light eccentric figures in the history of the science film such as William P. Spratling who used Biograph equipment and crews to film epileptic seizures, and Thomas Edison's lab assistants who performed x-ray experiments on their own bodies. Drawing on feminist film theory, cultural studies, the history of film, and the writings of Foucault, Lisa Cartwright illustrates how this scientific cinema was a part of a broader tendency in society toward the technological surveillance, management, and physical transformation of the individual body and the social body. She frequently points out the similarities of scientific film to works of avant-garde cinema, revealing historical ties among the science film, popular media culture and elite modernist art and film practices. Ultimately, Cartwright unveils an area of film culture that has rarely been discussed, but which will leave readers scouring video libraries in search of the films she describes.

The Electrical Engineering Handbook - Six Volume Set, Third Edition - Richard C. Dorf 2006-01-20
In two editions spanning more than a decade, The Electrical Engineering Handbook stands as the definitive reference to the multidisciplinary field of electrical engineering. Our knowledge continues to grow, and so does the Handbook. For the third edition, it has grown into a set of six books carefully focused on specialized areas or fields of study. Each one represents a concise yet definitive collection of key concepts, models, and equations in its respective domain, thoughtfully gathered for convenient access. Combined, they constitute the most comprehensive, authoritative resource available. Circuits, Signals, and Speech and Image Processing presents all of the basic information related to electric circuits and components, analysis of circuits, the use of the Laplace transform, as well as signal, speech, and image processing using filters

and algorithms. It also examines emerging areas such as text to speech synthesis, real-time processing, and embedded signal processing. Electronics, Power Electronics, Optoelectronics, Microwaves, Electromagnetics, and Radar delves into the fields of electronics, integrated circuits, power electronics, optoelectronics, electromagnetics, light waves, and radar, supplying all of the basic information required for a deep understanding of each area. It also devotes a section to electrical effects and devices and explores the emerging fields of microlithography and power electronics. Sensors, Nanoscience, Biomedical Engineering, and Instruments provides thorough coverage of sensors, materials and nanoscience, instruments and measurements, and biomedical systems and devices, including all of the basic information required to thoroughly understand each area. It explores the emerging fields of sensors, nanotechnologies, and biological effects. Broadcasting and Optical Communication Technology explores communications, information theory, and devices, covering all of the basic information needed for a thorough understanding of these areas. It also examines the emerging areas of adaptive estimation and optical communication. Computers, Software Engineering, and Digital Devices examines digital and logical devices, displays, testing, software, and computers, presenting the fundamental concepts needed to ensure a thorough understanding of each field. It treats the emerging fields of programmable logic, hardware description languages, and parallel computing in detail. Systems, Controls, Embedded Systems, Energy, and Machines explores in detail the fields of energy devices, machines, and systems as well as control systems. It provides all of the fundamental concepts needed for thorough, in-depth understanding of each area and devotes special attention to the emerging area of embedded systems. Encompassing the work of the world's foremost experts in their respective specialties, The Electrical Engineering Handbook, Third Edition remains the most convenient, reliable source of information available. This edition features the latest developments, the broadest scope of coverage, and new material on nanotechnologies, fuel cells, embedded systems, and biometrics. The engineering community has relied on the Handbook for more than twelve years, and it will continue to be a platform to launch the next wave of advancements. The Handbook's latest incarnation features a protective slipcase, which helps you stay organized without overwhelming your bookshelf. It is an attractive addition to any collection, and will help keep each volume of the Handbook as fresh as your latest research.

Stolen Beauty - Laurie Lico Albanese 2017-02-07
Color illustration and map on lining papers.

<u>La formula segreta dei Simpson. Numeri, teoremi e altri enigmi</u> - Simon Singh 2015

The Code Book - Simon Singh 2002
Provides young adults with a review of cryptography, its evolution over time, and its purpose throughout history from the era of Julius Caesar to the modern day.

The Paradoxicon - Nicholas Falletta 1990-11-08
This is an illustrated guide to a wonderland of reason where nothing is as it seems, through a maze of mental curiosities and contradictions. It discusses paradoxes of all types--mathematical, logical, scientific, philosophical and more. Though many involve sophisticated concepts and logical reasoning, none requires a highly technical background-knowledge of ordinary language and simple arithmetic will do. Twenty-five stand-alone chapters each present and discuss a different paradox, including: the Barber Paradox; the Crocodile's Dilemma, M. C. Escher's Paradoxes, the Liar Paradox, the Prisoner's Dilemma, the Raven Paradox, Zeno's Paradox, and many others. Each chapter features an end note indicating related paradoxes elsewhere in the book. Includes 118 mind-boggling illustrations, optical illusions and visual acrobatics.

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.

Fermat's Last Theorem - Simon Singh 2012-11-22
'I have a truly marvellous demonstration of this proposition which this margin is too narrow to contain.'

The Simpsons and Philosophy - William Irwin 2001-02-01
This unconventional and lighthearted introduction to the ideas of the major Western philosophers examines The Simpsons — TV's favorite animated family. The authors look beyond the jokes, the crudeness, the attacks on society — and see a clever display of irony, social criticism, and philosophical thought. The writers begin with an examination of the characters. Does Homer actually display Aristotle's virtues of character? In what way does Bart exemplify American pragmatism? The book also examines the ethics and themes of the show, and concludes with discussions of how the series reflects the work of Aristotle, Marx, Camus, Sartre, and other thinkers.

Europe and Empire - Massimo Cacciari 2016-01-04
The European Union and the single currency have given Europe more stability than it has known in the past thousand years, yet Europe seems to be in perpetual crisis about its global role. The many European empires are now reduced to a multiplicity of ethnicities, traditions, and civilizations. Europe will never be One, but to survive as a union it will have to become a federation of "islands" both distinct and connected. Though drawing on philosophers of Europe's past, Cacciari calls not to resist Europe's sunset but to embrace it. Europe will have to open up to the possibility that in few generations new exiles and an unpredictable cultural hybridism will again change all we know about the European legacy. Though scarcely alive in today's politics, the political unity of Europe is still a necessity, however impossible it seems to achieve.

Text Compression - Timothy C. Bell 1990
M->CREATED

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.

Eros - Alberto Bevilacqua 1996
Not since Stendhal's On Love has a book celebrated the love of women with the unfettered honesty of Alberto Bevilacqua's Eros. Half Memoir and half novel, without apology or embarrassment, Eros explores the forms and meaning of physical passion in a man's life.

Meanings of Violence - Jon Abbink 2020-08-21
There are good reasons to look at violence from new perspectives. In its endless manifestations violence is part and parcel of human existence, and is very probably a constituting element of human society. And yet violent action - warfare, penalties, insults, feuding, assault, murder, rape, suicide, sports - remains in all its complexity one of the least understood fields of human social life.The book's contributors identify the symbolic and ritualized aspects of violence, and suggest ways of 'reading' violence as it occurs in the world, whether as violent duelling and age-group violence in Southern Ethiopia, bullfighting in Iberia, cattle rustling in Kenya, guerrilla and militia wars in Colombia, or public executions in China.These case studies suggest that 'violence' is not a simple, universal urge, but is contingent and context-dependent, shaped by social relations of power, force and dominance. To be the victim of violence is a humiliating and frightening experience. But the many ambiguities that occur in the use of violence must be considered, to understand why peace seems only to exist as a contrast to the violation of peace.

Rosicrucian Enlightenment - F.A. Yates 2013-10-08
First Published in 1999. Routledge is an imprint of Taylor & Francis, an informa company.

Andreas Capellanus on Love - Andreas (Capellanus.) 1982

The Simpsons and Their Mathematical Secrets - Simon Singh 2013-10-29
You may have watched hundreds of episodes of The Simpsons (and its sister show Futurama) without ever realising that they contain enough maths to form an entire university course. In The Simpsons and Their Mathematical Secrets, Simon Singh explains how the brilliant writers, some of the mathematicians, have smuggled in mathematical jokes throughout the cartoon's twenty-five year history, exploring everything from to Mersenne primes, from Euler's equation to the unsolved riddle of P vs. NP, from perfect numbers to narcissistic numbers, and much more. With wit, clarity and a true fan's zeal, Singh analyses such memorable episodes as 'Bart the Genius' and 'Homer3' to offer an entirely new insight into the most successful show in television history.

Uncle Petros and Goldbach's Conjecture - Apostolos Doxiadis 2012-11-15
Uncle Petros is a family joke. An ageing recluse, he lives alone in a suburb of Athens, playing chess and tending to his garden. If you didn't know better, you'd surely think he was one of life's failures. But his young nephew suspects otherwise. For Uncle Petros, he discovers, was once a celebrated mathematician, brilliant and foolhardy enough to stake everything on solving a problem that had defied all attempts at proof for nearly three centuries - Goldbach's Conjecture. His quest brings him into contact with some of the century's greatest mathematicians, including the Indian prodigy Ramanujan and the young Alan Turing. But his struggle is lonely and single-minded, and by the end it has apparently destroyed his life. Until that is a final encounter with his nephew opens up to Petros, once more, the deep mysterious beauty of mathematics. Uncle Petros and Goldbach's Conjecture is an inspiring novel of intellectual adventure, proud genius, the exhilaration of pure mathematics - and the rivalry and antagonism which torment those who pursue impossible goals.

Lewis Carroll in Numberland - Robin Wilson 2008-07-30
Lewis Carroll's books have delighted children and adults for generations, but behind their exuberant fantasy and delightful nonsense was the mind of a brilliant mathematician. Now his forgotten achievements in the world of numbers are brought to light by acclaimed author and mathematician Robin Wilson. Here he explores the curious imagination of a man whose pioneering work at Oxford University included investigations into voting patterns and tennis seeding, who dreamt up numerical conundrums in bed at night and who filled his writings with problems, paradoxes, puzzles and teasing games of logic. Taking us into a world of mock turtles and maps, gryphons and gravity, Lewis Carroll in Numberland reveals the singular mind of a genius.

The Great Archimedes - Mario Geymonat 2010
In this exclusive English edition of the elucidating and award-winning investigation of Archimedes' life, Mario Geymonat provides fresh insights into one of the greatest minds in the history of humankind. Archimedes (ca 287 BCE-ca 212 BCE) was a mathematician, physicist, scientist, and engineer. Born in Syracuse, Sicily, the Greek Archimedes was an inventor par excellence. He not only explored the displacement of water and sand, worked out the principle of levers, developed an approximation of pi, discovered ways to determine the areas and volumes of solids, and invented the monumental Archimedes' screw (a machine for raising water), Archimedes also developed machinery that his fellow Syracusans successfully employed to defend their native city against the Romans. The Great Archimedes is already a highly acclaimed telling of the life and mind of one of antiquity's most important and innovative thinkers, and, now in translation, it is sure to be cherished by experts and novices alike across the English-speaking world. This wonderfully illustrated and multifarious book is enriched by numerous quotations and testimonies from ancient sources.

The Mathematics of the Gods and the Algorithms of Men - Paolo Zellini 2020-02-27
Is mathematics a discovery or an invention? Do numbers truly exist? What sort of reality do formulas describe? The complexity of mathematics - its abstract rules and obscure symbols - can seem very distant from the everyday. There are those things that are real and present, it is supposed, and then there are mathematical concepts: creations of our mind, mysterious tools for those unengaged with the world. Yet, from its most remote history and deepest purpose, mathematics has served not just as a way to understand and order, but also as a foundation for the reality it describes. In this elegant book, mathematician and philosopher Paolo Zellini offers a brief cultural and intellectual history of mathematics, ranging widely from the paradoxes of ancient Greece to the sacred altars of India, from Mesopotamian calculus to our own contemporary obsession with algorithms. Masterful and illuminating, The Mathematics of the Gods and the

Algorithms of Men transforms our understanding of mathematical thinking, showing that it is inextricably linked with the philosophical and the religious as well as the mundane - and, indeed, with our own very human experience of the universe.

Big Bang - Simon Singh 2005-11-01

A half century ago, a shocking Washington Post headline claimed that the world began in five cataclysmic minutes rather than having existed for all time; a skeptical scientist dubbed the maverick theory the Big Bang. In this amazingly comprehensible history of the universe, Simon Singh decodes the mystery behind the Big Bang theory, lading us through the development of one of the most extraordinary, important, and awe-inspiring theories in science.

At the Crossroads of the Earth and the Sky - Gary Urton 2013-12-18

Above Misminay, the sky also is so divided by the alternation of the two axes of the Milky Way passing through the zenith. This mirror-image quadri-partition of terrestrial and celestial spheres is such that a point within one of the quarters of the earth is related to a point within the corresponding celestial quarter. The transition between the earth and the sky occurs at the horizon, where sacred mountains are related to topographic and celestial features. Based on fieldwork in Misminay, Peru, Gary Urton details a cosmology in which the Milky Way is central. This is the first study that provides a description and analysis of the astronomical and cosmological system in a contemporary community in the Americas. Separate chapters take up the sun, the moon, meteorological phenomena, the stars, and the planets. Star-to-star constellations, the "animal" dark-cloud constellations that cut through the Milky Way, and certain twilight- and midnight-zenith stars are analyzed in terms of their spatial and temporal integration within an indigenous cosmological framework. Urton breaks new ground by demonstrating the indigenous merging of such forms of "precise knowledge" as astronomy, meteorology, agriculture, and the correlation of astronomical and biological cycles within a single calendar system. More than sixty diagrams clarify this Quechua system of astronomy and relate it to more familiar principles of Western astronomy and cosmology.

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

My First 100 Neighborhood Words - Maggie Testa 2018-07-31

A new generation of children love Daniel Tiger's Neighborhood, inspired by the classic series Mister Rogers' Neighborhood! Now the youngest Daniel Tiger fans can learn 100 first words, like "Trolley," "trumpet," and "ball," with their favorite tiger, Daniel! What kinds of words make up Daniel Tiger's world? Find out in this book of first words for the youngest fans of Daniel Tiger's Neighborhood. From "flower" to "crayons" to "Tigey" and everything in between, this sweet story takes readers on a tour of Daniel's favorite places, like his school, and the words and pictures that go along with them, like his "backpack," "lunch box," "book," and more! © 2018 The Fred Rogers Company

Signs of the Inka Khipu - Gary Urton 2009-03-06

In an age when computers process immense amounts of information by the manipulation of sequences of 1s and 0s, it remains a frustrating mystery how prehistoric Inka recordkeepers encoded a tremendous variety and quantity of data using only knotted and dyed strings. Yet the comparison between computers and khipu may hold an important clue to deciphering the Inka records. In this book, Gary Urton sets forth a pathbreaking theory that the manipulation of fibers in the construction of khipu created physical features that constitute binary-coded sequences which store units of information in a system of binary recordkeeping that was used throughout the Inka empire. Urton begins his theory with the making of khipu, showing how at each step of the process binary, either/or choices were made. He then investigates the symbolic components of the binary coding system, the amount of information that could have been encoded, procedures that may have been used for reading the khipu, the nature of the khipu signs, and, finally, the nature of the khipu recording system itself--emphasizing relations of markedness and semantic coupling. This research constitutes a major step forward in building a unified theory of the khipu system of information storage and communication based on the sum total of construction features making up these extraordinary objects.

Finding Moonshine: A Mathematician's Journey Through Symmetry (Text Only) - Marcus du Sautoy 2012-05-31

This new ebook from the author of 'The Music of the Primes' combines a personal insight into the mind of a working mathematician with the story of one of the biggest adventures in mathematics: the search for symmetry.

E - David Bodanis 2001

Generations have grown up knowing that the equation $E=mc^2$ changed the shape of our world but never understanding what it actually means and why it was so significant. Here, Bodanis writes the biography of this great discovery and turns a seemingly impenetrable theory into a dramatic and accessible human achievement. Bodanis begins by introducing the science and scientists forming the backdrop to Einstein's discovery...

The Man of Numbers - Keith Devlin 2012-11-01

In 1202, a 32-year old Italian finished one of the most influential books of all time, which introduced modern arithmetic to Western Europe. Devised in India in the seventh and eighth centuries and brought to North Africa by Muslim traders, the Hindu-Arabic system helped transform the West into the dominant force in science, technology, and commerce, leaving behind Muslim cultures which had long known it but had failed to see its potential.The young Italian, Leonardo of Pisa (better known today as Fibonacci), had learned the Hindu number system when he traveled to North Africa with his father, a customs agent. The book he created was Liber abbaci, the 'Book of Calculation', and the revolution that followed its publication was enormous.Arithmetic made it possible for ordinary people to buy and sell goods, convert currencies, and keep accurate records of possessions more readily than ever before. Liber abbaci's publication led directly to large-scale international commerce and the scientific revolution of the Renaissance. Yet despite the ubiquity of his discoveries, Leonardo of Pisa remains an enigma. His name is best known today in association with an exercise in Liber abbaci whose solution gives rise to a sequence of numbers - the Fibonacci sequence - used by some to predict the rise and fall of financial markets, and evident in myriad biological structures. In The Man of Numbers, Keith Devlin recreates the life and enduring legacy of an overlooked genius, and in the process makes clear how central numbers and mathematics are to our daily lives.