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The dominant model of democratic politics emphasizes reason at the expense of the passions. Passions have been treated as dangerous, the opposite of reason and the enemy of virtue. Paul Ginsborg and Sergio Labate challenge this model and put forward a very different view, developing an account of modern democratic politics in which both passions and reason play a crucial role. To do justice to the role of passions in politics, we must pay close attention to the way in which they circulate among us; then we must develop a suitable language to describe them – an ‘alphabet of the passions’ that enables us to understand how they combine with one another and connect with certain states of mind in order to shape political outcomes. Adopting this approach enables the authors to shed new light on one of the major phenomena of our time – the triumph of neoliberalism on a world scale. Neoliberalism has worked so well because it has incorporated its own romantic and individualist version of the passions into its worldview, seducing both individuals and families with the allure of consumption. By developing a new model of democratic politics based on the interplay of passions and reason, Ginsborg and Labate provide a much needed framework for understanding the crucial role that passions play in the unfolding of political life. At a time when populist leaders are on the ascendancy and political processes are shaped as much by anger, resentment and fear as they are by reason and argument, this refocusing of political analysis on the role of the passions could not be more timely.

The Monge-Ampere equation is one of the most important partial differential equations, appearing in many problems in analysis and geometry. This monograph is a comprehensive introduction to the existence and regularity theory of the Monge-Ampere equation and some selected applications; the main goal is to provide the reader with a wealth of results and techniques he or she can draw from to understand current research related to this beautiful equation. The presentation is essentially self-contained, with an appendix that contains precise statements of all the results used from different areas (linear algebra, convex geometry, measure theory, nonlinear analysis, and PDEs). This book is intended for graduate students and researchers interested in nonlinear PDEs: explanatory figures, detailed proofs, and heuristic arguments make this book suitable for self-study and also as a reference.

$x^n + y^n = z^n$, where n represents 3, 4, 5, ...no solution "I have discovered a truly marvelous demonstration of this proposition which this margin is too narrow to contain." With these words, the seventeenth-century French mathematician Pierre de Fermat threw down the gauntlet to future generations. What came to be known as Fermat's Last Theorem looked simple; proving it, however, became the Holy Grail of mathematics, baffling its finest minds for more than 350 years. In *Fermat's Enigma*--based on the author's award-winning documentary film, which aired on PBS's "Nova"--Simon Singh tells the astonishingly entertaining story of the pursuit of that grail, and the lives that were devoted to, sacrificed for, and saved by it. Here is a mesmerizing tale of heartbreak and mastery that will forever change your feelings about mathematics.

Using Italian Vocabulary provides the student of Italian with an in-depth, structured approach to the learning of vocabulary. It can be used for intermediate and advanced undergraduate courses, or as a supplementary manual at all levels - including elementary level - to supplement the study of vocabulary. The book is made up of twenty units covering topics that range from clothing and jewellery, to politics and environmental issues, with each unit consisting of words and phrases that have been organized thematically and according to levels so as to facilitate their acquisition. The book will enable students to acquire a comprehensive control of both concrete and abstract vocabulary allowing them to carry out essential communicative and interactional tasks. • A practical topic-based textbook that can be inserted into all types of course syllabi • Provides exercises and activities for classroom and self-study • Answers are provided for a number of exercises

In this book we describe recent developments in the theory of optimal transportation, and some of its applications to fluid dynamics. Moreover we explore new variants of the original problem, and we try to figure out some common (and sometimes unexpected) features in this emerging variety of problems . In Chapter 1 we study the optimal transportation problem on manifolds with geometric costs coming from Tonelli Lagrangians, while in Chapter 2 we consider a generalization of the classical transportation problem called the optimal irrigation problem. Then, Chapter 3 is about the Brenier variational theory of incompressible flows, which concerns a weak formulation of the Euler equations viewed as a geodesic equation in the space of measure-preserving diffeomorphism. Chapter 4 is devoted to the study of regularity and uniqueness of solutions of Hamilton-Jacobi equations applying the Aubry-Mather theory. Finally, the last chapter deals with a DiPerna-Lions theory for martingale solutions of stochastic differential equations.

Why the social character of scientific knowledge makes it trustworthy Are doctors right when they tell us vaccines are safe? Should we take climate experts at their word when they warn us about the perils of global warming? Why should we trust science when so many of our political leaders don't? Naomi Oreskes offers a bold and compelling defense of science, revealing why the social character of scientific knowledge is its greatest strength—and the greatest reason we can trust it. Tracing the history and philosophy of science from the late nineteenth century to today, this timely and provocative book features a new preface by Oreskes and critical responses by climate experts Ottmar Edenhofer and Martin Kowarsch, political scientist Jon Krosnick, philosopher of science Marc Lange, and science historian Susan Lindee, as well as a foreword by political theorist Stephen Macedo.

This topical survey provides an overview of the current state of the art in technology use in mathematics education, including both practice-oriented experiences and research-based evidence, as seen from an international perspective. Three core themes are discussed: Evidence of effectiveness; Digital assessment; and Communication and collaboration. The survey's final section offers suggestions for future trends in technology-rich mathematics education and provides a research agenda reflecting those trends. Predicting what lower secondary mathematics education might look like in 2025

with respect to the role of digital tools in curricula, teaching and learning, it examines the question of how teachers can integrate physical and virtual experiences to promote a deeper understanding of mathematics. The issues and findings presented here provide an overview of current research and offer a glimpse into a potential future characterized by the effective integration of technology to support mathematics teaching and learning at the lower secondary level.

This book is a dynamic and generously illustrated survey of independent publications that are breathing new life into old media. This paean to the printed word is filled with creativity and innovation as well as hope for the future of print media.

Inspired by the Robert De Niro film, this story spans three generations of a family of Jewish immigrants to the United States. A gang of friends discover - through trust, hard work and brutality - the true meaning of the American Dream.

World War II stories on Italian women in the Resistance as heroines and traitors, and the way they exploited their femininity. In Red Flag, a woman hides guns by covering them with a soiled sanitary napkin.

This collective book aims to encourage and inspire actions directed towards raising public awareness of the importance of mathematical sciences for our contemporary society in a cultural and historical perspective. Mathematical societies, in Europe and around the world, can find ideas, blueprints and suggestions for activities – including concerted actions with other international organizations – directed towards raising public awareness of science, technology and other fields where mathematics plays a strong role. The material is divided into four parts: • National experiences • Exhibitions / mathematical museums • Popularization activities • Popularization: why and how?

A crisp and trenchant dissection of populism today The word 'populism' has come to cover all manner of sins. Yet despite the prevalence of its use, it is often difficult to understand what connects its various supposed expressions. From Syriza to Trump and from Podemos to Brexit, the electoral earthquakes of recent years have often been grouped under this term. But what actually defines 'populism'? Is it an ideology, a form of organisation, or a mentality? Marco Revelli seeks to answer this question by getting to grips with the historical dynamics of so-called 'populist' movements. While in the early days of democracy, populism sought to represent classes and social layers who asserted their political role for the first time, in today's post-democratic climate, it instead expresses the grievances of those who had until recently felt that they were included. Having lost their power, the disinherited embrace not a political alternative to -isms like liberalism or socialism, but a populist mood of discontent. The new populism is the 'formless form' that protest and grievance assume in the era of financialisation, in the era where the atomised masses lack voice or organisation. For Revelli, this new populism the child of an age in which the Left has been hollowed out and lost its capacity to offer an alternative.

Greene's fine sense of humor is displayed in this warm and far-reaching comic novel, *Travels with My Aunt*, a bestseller when it appeared originally. At his mother's funeral, Henry Pulling, a stuffy, retired bank manager with an interest in dahlias, meets his Aunt Augusta. The indomitable Aunt Augusta pulls Henry along on a whirlwind adventure traveling with an old lover, Wordsworth; Curran, the founder of a doggies' church; O'Toole, the C.I.A. man obsessed by statistics and his counter-culture daughter; and old Mr. Visconti, who has been wanted by Interpol for twenty years. Henry describes their activities with shock and bewilderment, and finally with the tenderness, of a fellow traveler going their way. Copyright © Libri GmbH. All rights reserved.

CTS's classic prayer book in a beautiful and durable binding (includes the Mass).

The late author's short fiction, from his debut in 1969 to his uncollected last stories that have been unavailable since they appeared in print in publications such as *The New Yorker*, are brought together in a collection that includes works from *Going Places*.

The story of the medieval genius whose 1202 book changed the course of mathematics in the West and helped bring on the modern era.

Thirteen stories focus on both unexpected and carefully planned visions and versions of sexual experience and erotic thought in the uncertain, often impersonal contemporary city

A foray into a generation dragged into an ideological battle between Flower Power and New Left militance reveals how the Beatles-Stones rivalry was created by music managers intent on engineering a moneymaking empire.

Journeys into the work of Georg Cantor, a Russian-born German mathematician, who developed set theory and the concept of infinite numbers, but was condemned by his peers and spent many years in an asylum.

The *Wisdom Of Father Brown* is a collection of twelve stories starring the priest Father Brown, and his friend Inspector Flambeau. Stories include; *The Absence Of Mr Glass*; *The Paradise Of Thieves*; *The Duel Of Dr Hirsch*; *The Man In The Passage*; *The Mistake Of The Machine*; *The Head Of Caesar*; *The Purple Wig*; *The Perishing Of The Pendragons*; *The God Of The Gongs*; *The Salad Of Colonel Cray*; *The Strange Crime Of John Boulnois*; and, *The Fairy Tale Of Father Brown*. Unlike the more famous fictional detective Sherlock Holmes, Father Brown's methods tend to be intuitive rather than deductive.

It was the beginning of the Gulf War. I watched it on TV and did little else. I was doing badly, you see. Everything was going wrong. I just awaited the end. But then I met Victorien Salagnon, a veteran of the great colonial wars of Indochina, Vietnam and Algeria, a commander who had led his soldiers across the globe, a man with the blood of others up to his elbows. He said he would teach me to paint; he must have been the only painter in the French Forces, but out there no one cares about such things. I cared, though. In return, he wanted me to write his life story. And so he talked, and I wrote, and through him I witnessed the rivers of blood that cut channels through France, I saw the deaths that were as numberless as they were senseless and I began finally to understand the French art of war.

The year 2007 marks the 300th anniversary of the birth of one of the Enlightenment's most important mathematicians and scientists, Leonhard Euler. This volume is a collection of 24 essays by some of the world's best Eulerian scholars from seven different countries about Euler, his life and his work. Some of the essays are historical, including much previously unknown information about Euler's life, his activities in the St. Petersburg Academy, the influence of the Russian Princess Dashkova, and Euler's philosophy. Others describe his influence on the subsequent growth of European mathematics and physics in the 19th century. Still others give technical details of Euler's innovations in probability, number theory, geometry, analysis, astronomy, mechanics and other fields of mathematics and science. - Over 20 essays by some of the best historians of mathematics and science, including Ronald Calinger, Peter Hoffmann, Curtis Wilson, Kim Plofker, Victor Katz, Ruediger Thiele, David Richeson, Robin Wilson, Ivor Grattan-Guinness and Karin Reich - New details of Euler's life in two essays, one by Ronald Calinger and one he co-authored with Elena Polyakhova - New information on Euler's work in differential geometry, series, mechanics, and other important topics including his influence in the early 19th century

A metamathematician best known for his discovery of the Omega number explains how Darwin's theory of evolution succeeds on a mathematic level and argues that no one can be certain about evolution without a proven mathematical theory. Original.

Quantum physicist, New York Times bestselling author, and BBC host Jim Al-Khalili offers a fascinating and illuminating look at what physics

reveals about the world Shining a light on the most profound insights revealed by modern physics, Jim Al-Khalili invites us all to understand what this crucially important science tells us about the universe and the nature of reality itself. Al-Khalili begins by introducing the fundamental concepts of space, time, energy, and matter, and then describes the three pillars of modern physics—quantum theory, relativity, and thermodynamics—showing how all three must come together if we are ever to have a full understanding of reality. Using wonderful examples and thought-provoking analogies, Al-Khalili illuminates the physics of the extreme cosmic and quantum scales, the speculative frontiers of the field, and the physics that underpins our everyday experiences and technologies, bringing the reader up to speed with the biggest ideas in physics in just a few sittings. Physics is revealed as an intrepid human quest for ever more foundational principles that accurately explain the natural world we see around us, an undertaking guided by core values such as honesty and doubt. The knowledge discovered by physics both empowers and humbles us, and still, physics continues to delve valiantly into the unknown. Making even the most enigmatic scientific ideas accessible and captivating, this deeply insightful book illuminates why physics matters to everyone and calls one and all to share in the profound adventure of seeking truth in the world around us.

Radically reconceives Friedrich Nietzsche's early life, offering an alternative approach and new insights into the early development of Nietzsche's philosophy.

This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

This text is an unbound, three hole punched version. Access to WileyPLUS sold separately. Parliamo italiano!, Binder Ready Version, Edition 5 continues to offer a communicative, culture based approach for beginning students of Italian. Not only does Parliamo Italiano provide students learning Italian with a strong ground in the four ACTFL skills: reading, writing, speaking, and listening, but it also emphasizes cultural fluency. The text follows a more visual approach by integrating maps, photos, regalia, and cultural notes that offer a vibrant image of Italy. The chapters are organized around functions and activities. Cultural information has been updated to make the material more relevant. In addition, discussions on functional communications give readers early success in the language and encourage them to use it in practical situations.

Celebrated for its atlas-style format, appropriately detailed anatomical illustrations, and exceptionally clear photographs of tissues and cadavers, the Seventh Edition of the award-winning Human Anatomy presents practical applications of anatomy and physiology in a highly visual format. Select Clinical Notes feature dynamic layouts that integrate text with visuals for easy reading. Clinical Cases relate clinical stories that integrate text with patient photos and diagnostic images for applied learning. Time-saving study tools, including end-of-chapter practice and review, help students arrive at a complete understanding of human anatomy. This package contains: *Human Anatomy, Seventh Edition

Today's most visionary thinkers reveal the cutting-edge scientific ideas and breakthroughs you must understand. Scientific developments radically change and enlighten our understanding of the world -- whether it's advances in technology and medical research or the latest revelations of neuroscience, psychology, physics, economics, anthropology, climatology, or genetics. And yet amid the flood of information today, it's often difficult to recognize the truly revolutionary ideas that will have lasting impact. In the spirit of identifying the most significant new theories and discoveries, John Brockman, publisher of Edge.org ("The world's smartest website" -- The Guardian), asked 198 of the finest minds What do you consider the most interesting recent scientific news? What makes it important? Pulitzer Prize-winning author of Guns, Germs, and Steel Jared Diamond on the best way to understand complex problems * author of Seven Brief Lessons on Physics Carlo Rovelli on the mystery of black holes * Harvard psychologist Steven Pinker on the quantification of human progress * TED Talks curator Chris J. Anderson on the growth of the global brain * Harvard cosmologist Lisa Randall on the true measure of breakthrough discoveries * Nobel Prize-winning physicist Frank Wilczek on why the twenty-first century will be shaped by our mastery of the laws of matter * philosopher Rebecca Newberger Goldstein on the underestimation of female genius * music legend Peter Gabriel on tearing down the barriers between imagination and reality * Princeton physicist Freeman Dyson on the surprising ability of small (and cheap) startups to compete with billion-dollar projects. Plus Nobel laureate John C. Mather, Sun Microsystems cofounder Bill Joy, Wired founding editor Kevin Kelly, psychologist Alison Gopnik, Genome author Matt Ridley, Harvard geneticist George Church, Why Does the World Exist? author Jim Holt, anthropologist Helen Fisher, and more.

A complex and fiercely contemporary tale of inheritance, enlightenment, life, death, desire and family trees, The Seed Collectors is the most important novel yet from one of the world's most daring and brilliant writers. Great Aunt Oleander is dead. To each of her nearest and dearest she has left a seed pod. The seed pods might be deadly, but then again they might also contain the secret of enlightenment. Not that anyone has much time for enlightenment. Fleur, left behind at the crumbling Namaste House, must step into Oleander's role as guru to lost and lonely celebrities. Bryony wants to lose the weight she put on after her botanist parents disappeared, but can't stop drinking. And Charlie struggles to make sense of his life after losing the one woman he could truly love. As Henry James said of George Eliot's Middlemarch, The Seed Collectors is a "treasurehouse of detail" revealing all that it means to be connected, to be part of a society, to be part of the universe and to be human.

In his first adventure since the revelation that he's a parent, Dirk Pitt must uncover the truth behind the myth of another long-lost father-figure, Homer's Odysseus, if he's going to stop a dangerous cult from reshaping the earth in their own image. Fraternal twins, Summer Pitt and Dirk Pitt, Jr., are working to determine the origin of a strange brown tide infesting the ocean off the shore of Nicaragua when two startling things happen: Summer discovers an artifact, something strange and beautiful and ancient. And the worst storm in years boils up out of the sky, heading straight for them and a nearby floating luxury resort hotel called Ocean Wanderer. The peril for everybody concerned is incalculable. And now that Dirk Pitt has learned he's a father, he will stop at nothing to protect his two children. He rushes into the chaos, only to find that what's left in the storm's wake makes the furies of nature pale in comparison. For there is an all-

too-human evil at work in that part of the world, and Summer's relic may be the only clue to the man calling the shots. Whoever he is, he's connected to a cult that believes the Celts, also known as the Achaeans, reached the New World millennia before the accepted history suggests. If he's right, his ancestors laid the foundation for the work he will soon complete—and our world will be a very different place. Though if Summer's discovery is to be believed, the world is already a very different place...

Coral Glynn arrives at Hart House, an isolated manse in the English countryside, early in the very wet spring of 1950, to nurse the elderly Mrs. Hart, who is dying of cancer. Hart House is also inhabited by Mrs. Prence, the perpetually disgruntled housekeeper, and Major Clement Hart, Mrs. Hart's war-ravaged son, who is struggling to come to terms with his latent homosexuality. When a child's game goes violently awry in the woods surrounding Hart House, a great shadow—love, perhaps—descends upon its inhabitants. Like the misguided child's play, other seemingly random events—a torn dress, a missing ring, a lost letter—propel Coral and Clement into the dark thicket of marriage. A period novel observed through a refreshingly gimlet eye, Coral Glynn explores how quickly need and desire can blossom into love, and just as quickly transform into something less categorical. Borrowing from themes and characters prevalent in the work of mid-twentieth-century British women writers, Peter Cameron examines how we live and how we love—with his customary empathy and wit.

“The masterpiece of one of young-adult literature’s greatest living writers.†?—Booklist, starred review Using a pillow book as her form, nineteen-year-old Cordelia Kenn sets out to write her life for her unborn daughter. What emerges is a portrait of an extraordinary girl who writes frankly of love, sex, poetry, nature, and, most of all, of herself in the world. As she attempts to capture “all†? of herself on paper, Cordelia maddens, fascinates, and ultimately seduces the reader in this tour de force from a writer who has helped redefine literature for young adults. A book not to be missed by any serious reader.

In this fifth and final set of Father Brown mysteries G K Chesterton's short, shabby priest continues, in his humorous, effortless but powerfully effective way to solve a wide range of high crimes and misdemeanours.

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