

The Perfectionists How Precision Engineers Created The Modern World

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The Perfectionists: How Precision Engineers Created the Modern World Simon Winchester. 4.6 out of 5 stars 443. Paperback. \$16.99. The Men Who United the States: America's Explorers, Inventors, Eccentrics, and Mavericks, and the Creation of One Nation, Indivisible Simon Winchester.

The-Perfectionists-How-Precision-Engineers-Created-the---

Eventually, the application of precision tools and methods in the development of guns, glass, mirrors, lenses, and cameras gave way to further advancements, including gene splicing, microchips, and the Hadron Collider. The fundamental questions at the heart of The Perfectionists are these: Why is precision important? Has the pursuit of the ultraprecise in so many facets of human life blinded us to other things of equal value, such as an appreciation for the age-old traditions of ...

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The Perfectionists: How Precision Engineers Created the Modern World 416. by Simon Winchester | Editorial Reviews. Paperback \$ 16.99 \$17.99 Save 6% Current price is \$16.99. Original price is \$17.99. You Save 6%. Paperback. \$16.99. NOOK Book. \$11.49. Large Print. \$29.99. Audio CD. \$19.99.

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The Perfectionists: How Precision Engineers Created the Modern World by Simon Winchester is a very highly recommended examination of the history, science, and work of precision engineers along with biographical sketches of some of the influential engineers that helped develop technology to take us from the Industrial Age to the Digital Age.

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The Perfectionists: How Precision Engineers Created the Modern World (Hardcover) By Simon Winchester. Check Availability Status . Hard to Find... of technology from the Industrial Age to the Digital Age to explore the single component crucial to advancement—precision—in a superb history that is both an homage and a warning for our future.

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THE PERFECTIONISTS How Precision Engineers Created the Modern World By Simon Winchester Illustrated. 416 pp. Harper / HarperCollins Publishers. \$29.99. The word " perfectionist" can conjure up the ...

Under-Modernity--s-Hood--Precision-Engineering--The-New---

Author Simon Winchester | Submitted by: Jane Kivik. Free download or read online The Perfectionists: How Precision Engineers Created the Modern World pdf (ePUB) book. The first edition of the novel was published in May 8th 2018, and was written by Simon Winchester. The book was published in multiple languages including , consists of 416 pages and is available in ebook format.

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The Perfectionists: How Precision Engineers Created the Modern World Simon Winchester. 4.5 out of 5 stars 402. Paperback. CDS\$21.77. Next. Customers who read this book also read. Page 1 of 1 Start over Page 1 of 1 . This shopping feature will continue to load items when the Enter key is pressed. In order to navigate out of this carousel, please ...

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Well, Winchester's latest is titled "The Perfectionists: How Precision Engineers Created The Modern World." And Simon Winchester joins us now from our New York studios.

In-The-Perfectionists-:Simon-Winchester-Looks-At-History---

The Perfectionists: How Precision Engineers created the modern world. First edition. New York: Harper, an imprint of HarperCollinsPublishers. Chicago / Turabian - Author Date Citation (style guide) Winchester, Simon. 2018. The Perfectionists: How Precision Engineers Created the Modern World. New York: Harper, an imprint of HarperCollinsPublishers.

The-perfectionists--how-precision-engineers-created-the---

The Perfectionists: How Precision Engineers Created the Modern World. The revered New York Times bestselling author traces the development of technology from the Industrial Age to the Digital Age...

The-Perfectionists-How-Precision-Engineers-Created-the---

Home > Our Events > Simon Winchester, The Perfectionists: How Precision Engineers Created the Modern World Lecture Simon Winchester, The Perfectionists: How Precision Engineers Created the Modern World. Wednesday, June 13, 2018 - 6:30 PM | Open to the Public | Members' Room | \$15 per person | Advance registration required ...

Simon-Winchester,-The-Perfectionists-:How-Precision---

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The-Perfectionists-How-Precision-Engineers-Created-the---

A precise account of precision by a perfectionist Simon Winchester's polished, yet sincere, unpretentious and, yes, precise narrative is a delight to listen to, which only adds to the experience of learning about the intricacies of the machinations of the world of engineering.

The-Perfectionists-by-Simon-Winchester-| Audiobook---

Machines have forever altered the way we operate and interact in society. The application of these precise tools have allowed us to innovate and mass produce throughout history, from the Industrial Revolution to the age of the internet. British journalist and celebrated author of Krakatoa and The Professor and the Madman Simon Winchester visits the Club to talk about these landmark inventions ...

SIMON-WINCHESTER:-THE-PERFECTIONISTS

The Perfectionists How Precision Engineers Created the Modern World (Book) : Winchester, Simon : "The revered New York Times bestselling author traces the development of technology from the Industrial Age to the Digital Age to explore the single component crucial to advancement--precision--in a superb history that is both an homage and a warning for our future."--Amazon.com.

The revered New York Times bestselling author traces the development of technology from the Industrial Age to the Digital Age to explore the single component crucial to advancement—precision—in a superb history that is both an homage and a warning for our future. The rise of manufacturing could not have happened without an attention to precision. At the dawn of the Industrial Revolution in eighteenth-century England, standards of measurement were established, giving way to the development of machine tools—machines that make machines. Eventually, the application of precision tools and methods resulted in the creation and mass production of items from guns and glass to mirrors, lenses, and cameras—and eventually gave way to further breakthroughs, including gene splicing, microchips, and the Hadron Collider. Simon Winchester takes us back to origins of the Industrial Age, to England where he introduces the scientific minds that helped usher in modern production: John Wilkinson, Henry Maudslay, Joseph Bramah, Jesse Ramsden, and Joseph Whitworth. It was Thomas Jefferson who later exported their discoveries to the fledgling United States, setting the nation on its course to become a manufacturing titan. Winchester moves forward through time, to today ’ s cutting-edge developments occurring around the world, from America to Western Europe to Asia. As he introduces the minds and methods that have changed the modern world, Winchester explores fundamental questions. Why is precision important? What are the different tools we use to measure it? Who has invented and perfected it? Has the pursuit of the ultra-precise in so many facets of human life blinded us to other things of equal value, such as an appreciation for the age-old traditions of craftsmanship, art, and high culture? Are we missing something that reflects the world as it is, rather than the world as we think we would wish it to be? And can the precise and the natural co-exist in society?

" Another gem from one of the world ’ s justly celebrated historians specializing in unusual and always-fascinating subjects and people. " — Booklist (starred review) The revered New York Times bestselling author traces the development of technology from the Industrial Age to the Digital Age to explore the single component crucial to advancement—precision—in a superb history that is both an homage and a warning for our future. The rise of manufacturing could not have happened without an attention to precision. At the dawn of the Industrial Revolution in eighteenth-century England, standards of measurement were established, giving way to the development of machine tools—machines that make machines. Eventually, the application of precision tools and methods resulted in the creation and mass production of items from guns and glass to mirrors, lenses, and cameras—and eventually gave way to further breakthroughs, including gene splicing, microchips, and the Hadron Collider. Simon Winchester takes us back to origins of the Industrial Age, to England where he introduces the scientific minds that helped usher in modern production: John Wilkinson, Henry Maudslay, Joseph Bramah, Jesse Ramsden, and Joseph Whitworth. It was Thomas Jefferson who later exported their discoveries to the fledgling United States, setting the nation on its course to become a manufacturing titan. Winchester moves forward through time, to today ’ s cutting-edge developments occurring around the world, from America to Western Europe to Asia.As he introduces the minds and methods that have changed the modern world, Winchester explores fundamental questions. Why is precision important? What are the different tools we use to measure it? Who has invented and perfected it? Has the pursuit of the ultra-precise in so many facets of human life blinded us to other things of equal value, such as an appreciation for the age-old traditions of craftsmanship, art, and high culture? Are we missing something that reflects the world as it is, rather than the world as we think we would wish it to be? And can the precise and the natural co-exist in society?

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Simon Winchester, the acclaimed New York Times bestselling author of *Atlantic* and *The Professor and the Madman*, delivers his first book about America: a fascinating popular history that illuminates the men who toiled fearlessly to discover, connect, and bond the citizenry and geography of the U.S.A. from its beginnings. How did America become " one nation, indivisible " ? What unified a growing number of disparate states into the modern country we recognize today? To answer these questions, Winchester follows in the footsteps of America ’ s most essential explorers, thinkers, and innovators, such as Lewis and Clark and the leaders of the first transcontinental telegraph and the powerful civil engineer behind the Interstate Highway System. He treks vast swaths of territory, from Pittsburgh to Portland, Rochester to San Francisco, Seattle to Anchorage, introducing the fascinating people who played a pivotal role in creating today ’ s United States. Throughout, he ponders whether the historic work of uniting the States has succeeded, and to what degree. Featuring 32 illustrations throughout the text, *The Men Who United the States* is a fresh look at the way in which the most powerful nation on earth came together.

An authority on creativity introduces us to AI-powered computers that are creating art, literature, and music that may well surpass the creations of humans. Today's computers are composing music that sounds " more Bach than Bach, " turning photographs into paintings in the style of Van Gogh's *Starry Night*, and even writing screenplays. But are computers truly creative—or are they merely tools to be used by musicians, artists, and writers? In this book, Arthur I. Miller takes us on a tour of creativity in the age of machines. Miller, an authority on creativity, identifies the key factors essential to the creative process, from " the need for introspection " to " the ability to transcend " — He talks to people on the cutting edge of artificial intelligenc, encountering computers that mimic the brain and machines that have defeated champions in chess, Jeopardy!, and Go. In the central part of the book, Miller explores the riches of computer-created art, introducing us to artists and computer scientists who have, among much else, unleashed an artificial neural network to create a nightmarish, multi-eyed dog-cat; taught AI to imagine; developed a robot that paints; created algorithms for poetry; and produced the world's first computer-composed musical. *Beyond the Fence*, staged by Android Lloyd Webber and Friends. But, Miller writes, in order to be truly creative, machines will need to step into the world. He probes the nature of consciousness and speaks to researchers trying to develop emotions and consciousness in computers. Miller argues that computers can already be as creative as humans—and someday will surpass us. But this is not a dystopian account; Miller celebrates the creative possibilities of artificial intelligence in art, music, and literature.

For anyone curious about the nuts and bolts of human ingenuity, *How Things Are Made* is a fascinating exploration of the process behind the manufacture of everyday items. What are bulletproof vests made of? How do manufacturers get lipstick into the tube? How many layers are there in an iPhone screen? The answers to these questions and so much more fascinating information can be found in *How Things Are Made*, a behind-the-scenes look at the production everyday objects of all kinds, from guitars, sunscreen, and seismographs to running shoes, jet engines, and chocolate. Thoroughly revised and redesigned from the best-selling 1995 edition, *How Things Are Made* also contains three new entries by author Andrew Terranova. However, each page still contains informative step-by-step text along with detailed but easy-to-follow illustrations, diagrams, and sidebars to tell the stories behind the things we sometimes take for granted. For example, did you know that Edison didn't really invent the light bulb? Or that the first bar code was on a pack of Wrigley's Spearmint gum? Or that a maple seed inspired the design for the helicopter? Discover these fascinating anecdotes and much more in *How Things Are Made*.

The New York Times bestselling author of *Krakatoa* and *The Professor and the Madman* takes readers on a quirky and charming tour of the last outpost of the British empire Originally published in 1985, *Outposts* is Simon Winchester ’ s journey to find the vanishing empire. " on which the sun never sets. " In the course of a three-year, 100,000 mile journey—from the chill of the Antarctic to the blue seas of the Caribbean, from the South of Spain and the tip of China to the utterly remote specks in the middle of gale-swept oceans—he discovered such romance and depravity, opulence and despair tht he was inspired to write what may be the last contemporary account of the British empire. Written with Winchester ’ s captivating style and breadth, here are conversations and anecdotes, myths and political analysis, scenery and history—a poignant and colorful record of the lingering beat of what was once the heart of the civilized world.

One of *Library Journal ’ s* 10 Best Books of 2015 Following his acclaimed *Atlantic* and *The Men Who United the States*, New York Times bestselling author Simon Winchester offers an enthralling biography of the Pacific Ocean and its role in the modern world, exploring our relationship with this imposing force of nature. As the Mediterranean shaped the classical world, and the Atlantic connected Europe to the New World, the Pacific Ocean defines our tomorrow. With China on the rise, so, too, are the American cities of the West coast, including Seattle, San Francisco, and the long cluster of towns down the Silicon Valley. Today, the Pacific is ascendant. Its geological history has long transformed us—immense earthquakes, volcanoes, and tsunamis—but its human history, from a Western perspective, is quite young, beginning with Magellan ’ s sixteenth-century circum-navigation. It is a natural wonder whose most fascinating history is currently being made. In telling the story of the Pacific, Simon Winchester takes us from the Bering Strait to Cape Horn, the Yangtze River to the Panama Canal, and to the many small islands and archipelagos that lie in between. He observes the fall of a dictator in Manila, visits aboriginals in northern Queensland, and is jailed in Tierra del Fuego, the land at the end of the world. His journey encompasses a trip down the Alaska Highway, a stop at the isolated Pitcairn Islands, a trek across South Korea and a glimpse of its mysterious northern neighbor. Winchester ’ s personal experience is vast and his storytelling second to none. And his historical understanding of the region is formidable, making Pacific a paean to this magnificent sea of beauty, myth, and imagination that is transforming our lives.

If you could live forever, would you want to? Both a fascinating look at the history of our strive for immortality and an investigation into whether living forever is really all it ’ s cracked up to be. A fascinating work of popular philosophy and history that both enlightens and entertains, Stephen Cave investigates whether it just might be possible to live forever and whether we should want to. He also makes a powerful argument that it ’ s our very preoccupation with defying mortality that drives civilization. Central to this book is the metaphor of a mountaintop where one can find the Immortals. Since the dawn of humanity, everyone — whether they know it or not—has been trying to climb that mountain. But there are only four paths up its treacherous slope, and there have only ever been four paths. Throughout history, people have wagered everything on their choice of the correct path, and fought wars against those who ’ ve chosen differently. In drawing back the curtain on what compels humans to " keep on keeping on, " Cave engages the reader in a number of mind-bending thought experiments. He teases out the implications of each immortality gambit, asking, for example, how long a person would live if they did manage to acquire a perfectly disease-free body. Or what would happen if a super-being tried to round up the atomic constituents of all who ’ ve died in order to resurrect them. Or what our loved ones would really be doing in heaven if it does exist. We ’ re confronted with a series of brain-rattling questions: What would happen if tomorrow humanity discovered that there is no life but this one? Would people continue to please their boss, vie for the title of Year ’ s Best Salesman? Would three-hundred-year projects still get started? If the four paths up the Mount of the Immortals lead nowhere—if there is no getting up to the summit—is there still reason to live? And can civilization survive? *Immortality* is a deeply satisfying book, as optimistic about the human condition as it is insightful about the true arc of history.

A study of the hereditary peers of Great Britain, their history, their place in British society, and their varied lifestyles concludes that the hereditary aristocracy should be abolished

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