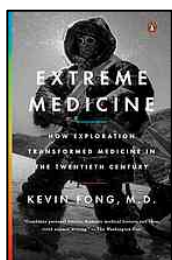


New Science/Math/Engineering Resources

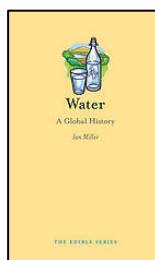
Science



[Extreme Medicine: How Exploration Transformed Medicine in the Twentieth Century](#)

by Kevin Fong

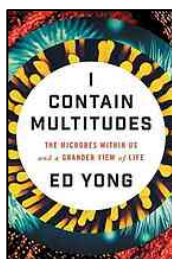
Fong examines how cutting-edge medicine pushes the envelope of human survival by studying the human body's response when tested by physical extremes.



[Water: A Global History](#)

by Ian Miller

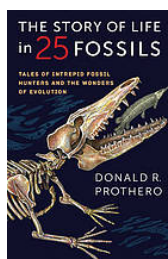
The author traces the history of our relationship with drinking water -- our attempts to find it, keep it clean, and make it widely available.



[I Contain Multitudes](#)

by Ed Yong

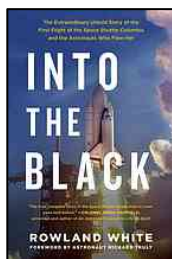
This book lets us peer into the world of microbes--not as germs to be eradicated, but as invaluable parts of our lives--allowing us to see how ubiquitous and vital microbes are.



[The Story of Life in 25 Fossils](#)

by Donald R. Prothero

Prothero recounts the adventures behind the discovery of twenty-five famous, beautifully preserved fossils and explains their significance within the larger fossil record, creating a riveting history of life on our planet.



[Into the Black](#)

by Rowland White

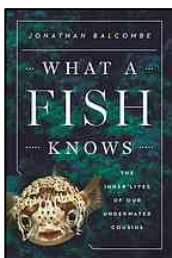
The real-life techno-thriller that recaptures the historic moments leading up to the launch of the space shuttle Columbia and the exciting story of her daring maiden flight.



[Rocket Science for the Rest of Us](#)

By Ben Gilliland and Jack Challoner

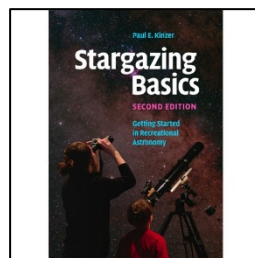
Get a grip on even the most mysterious and complex sciences with Ben Gilliland's guide to dark matter, exoplanets, Planck time, earth sciences, and more.



[What a Fish Knows: The Inner Lives of Our Underwater Cousins](#)

by Jonathan P. Balcombe

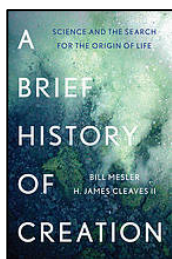
Balcombe draws on the latest science to present a fresh look at fishes in all their breathtaking diversity and beauty.



[Stargazing Basics: Getting Started in Recreational Astronomy](#)

by Paul E. Kinzer

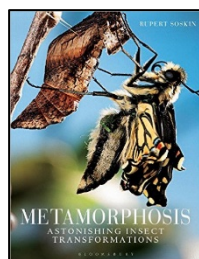
This wonderful beginners' guide to astronomy covers all the information you need to get started.



[Brief History of Creation: Science and the Search for the Origin of Life](#)

by Bill Mesler & H. James Cleaves II

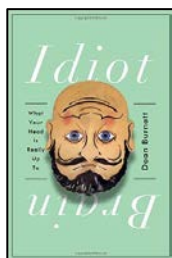
Examines historical discoveries in the contexts of philosophical debates, political change, and evolving understandings about the complexities of biology and the origin of life.



[Metamorphosis: Astonishing Insect Transformations](#)

by Rupert Soskin & George McGavin

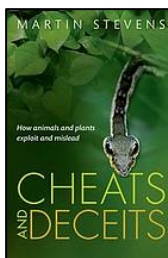
A stunning achievement in nature photography--capturing every stage and process of transformation of metamorphosis in remarkable detail.



[Idiot Brain: What Your Head Is Really Up to](#)

by Dean Burnett

A delightful tour of our mysterious, mischievous gray matter from neuroscientist and massively popular Guardian blogger Dean Burnett.

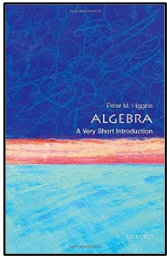


[Cheats and Deceits: How Animals and Plants Exploit and Mislead](#)

by Martin Stevens

Stevens describes the remarkable range of adaptations in nature, and considers their evolution and perfection as part of an arms race between predator and prey or host and parasite.

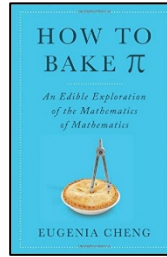
Math



[Algebra: A Very Short Introduction](#)

by Peter M Higgins

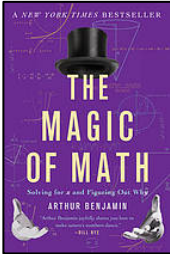
This introduction invites readers to revisit algebra and appreciate the elegance and power of equations and inequalities.



[How to Bake Pi: An Edible Exploration of the Mathematics of Mathematics](#)

by Eugenia Cheng

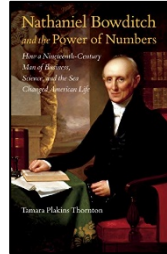
A math professor provides an accessible introduction to the logic and beauty of mathematics, powered, unexpectedly, by insights from the kitchen.



[Magic of Math: Solving for X and Figuring Out Why](#)

by Arthur Benjamin Natalya St Clair

This book empowers you to see the beauty, simplicity, and truly magical properties behind those formulas and equations that once left your head spinning.



[Nathaniel Bowditch and the Power of Numbers](#)

by Tamara Plakins Thornton

Enthralled with the precision and certainty of numbers and the unerring regularity of the physical universe, Bowditch operated some of New England's most powerful institutions as clockwork mechanisms.

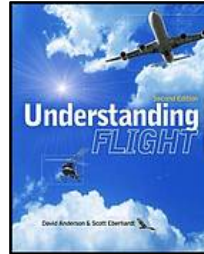
Engineering



[Aerospace Engineering Desk Reference](#)

by Butterworth-Heinemann

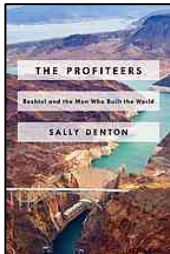
This one-stop desk reference covers a broad topic range from structural components of aircraft, design and airworthiness to aerodynamics and modeling.



[Understanding Flight](#)

by David F Anderson & Scott Eberhardt

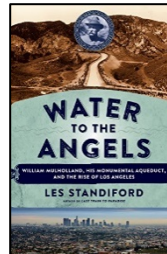
This practical guide explains the principles of aeronautics in terms, descriptions, and illustrations that make sense--without complicated mathematics.



[Profiteers: Bechtel and the Men Who Built the World](#)

by Sally Denton

The inside story of the Bechtel family and the empire they've controlled since the construction of the Hoover Dam.



[Water to the Angels](#)

by Les Standiford

Documents the story of William Mulholland's Los Angeles aqueduct, describing how it transformed a small desert city into a modern metropolis.