

New Titles: September 2017

Popular Science



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Popular Science



G. Bernardi

Giovanni Domenico Cassini A Modern Astronomer in the 17th Century

This book offers a fascinating account of the life and scientific achievements of Giovanni Domenico Cassini, or Cassini I, the most famous astronomer of his time, who is remembered today especially for his observations of the rings and satellites of Saturn and his earlier construction of the great meridian line in the Basilica of San Petronio in Bologna. The various stages of his life are recounted in an engaging style, from his early childhood in Perinaldo and his time at the famous Jesuit College in Genoa, to his later experiences in Bologna and Paris. The emphasis, however, is on the scientific side of his life. The book explores his impressive body of work in diverse fields while[...]

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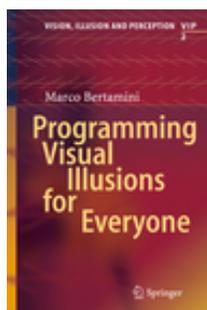
Hardcover

2017. XI, 186 p. 45 illus., 28 illus. in color. (Springer Biographies)

► **29,99 €**

ISBN 978-3-319-63467-8

October 3, 2017



M. Bertamini

Programming Visual Illusions for Everyone

If you find visual illusions fascinating Programming Visual Illusions for Everyone is a book for you. It has some background, some history and some theories about visual illusions, and it describes in some detail twelve illusions. Some are about surfaces, some are about apparent size of objects, some are about colour and some involve movement. This is only one aspect of the book. The other is to show you how you can create these effects on any computer. The book includes a brief introduction to a powerful program-



ming language called Python. No previous experience with programming is necessary. There is also an introduction to a package called PsychoPy that makes it easy to draw on a[...]

More on www.springer.com/978-3-319-64065-5

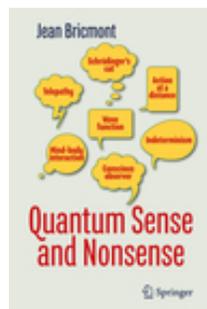
Hardcover

2018. XI, 221 p. 49 illus., 22 illus. in color. (Vision, Illusion and Perception, Vol. 2)

► **44,99 €**

ISBN 978-3-319-64065-5

Usually dispatched within 3 to 5 business days.



J. Bricmont

Quantum Sense and Nonsense

Permeated by the author's delightful humor, this little book explains, with nearly no mathematics, the main conceptual issues associated with quantum mechanics: The issue of determinism. Does quantum mechanics signify the end of a deterministic world-view? The role of the human subject or of the "observer" in science. Since Copernicus, science has increasingly tended to dethrone Man from his formerly held special position in the Universe. But quantum mechanics, with its emphasis on the notion of observation, may once more have given a central role to the human subject. The issue of locality. Does quantum mechanics imply that instantaneous actions at a distance exist in Nature?In[...]

More on www.springer.com/978-3-319-65270-2

Softcover

2017. X, 283 p. 50 illus., 18 illus. in color.

► **27,99 €**

ISBN 978-3-319-65270-2

October 10, 2017



L. Brunt

China from the Inside Letters from an Economist

This book delivers the fascinating account of one Western family's time living and working in China.



Told through a series of letters, China from the Inside: Letters from an Economist presents insights into the society and economy of a country that is often opaque to outsiders and poorly understood. The author's expertise as an economist, and the family's efforts to integrate into Chinese society, furnish a vivid and unique account. It provides a valuable new perspective on the Chinese worldview, social relations and economy, as well as informed opinion on its projected economic development. Addressing issues ranging from the education system to the sustainability of economic growth,[...]

More on www.springer.com/978-3-319-65671-7

Softcover

2017. XVI, 318 p. 4 illus., 3 illus. in color.

► **39,99 €**

ISBN 978-3-319-65671-7

October 24, 2017

Forthcoming

A. D'Adamo

Empathetic Space on Screen Constructing Powerful Place and Setting

This book sets out to fill the lack of a clear account of the power of setting and place that we are now reduced to describing as 'atmospheric' or 'emotionally moody'. The volume begins by showing how one unifying aspect of these iconic settings sets them apart from ordinary cinema settings. While the settings of most films pass by as a dispassionate backdrop or sometimes as simple eye-candy – and therefore have a weak relationship to the film's protagonist. In cinema and television, certain settings stand out above others. Think of the iconic gooey dripping tunnels that Ripley stumbles through in Aliens, Norman's bird-decorated parlour in Psycho or the dark Gotham of certain Batman[...]

More on www.springer.com/978-3-319-66771-3

Softcover



2017. XIV, 327 p. 53 illus., 43 illus. in color.

► **39,99 €**

ISBN 978-3-319-66771-3

November 6, 2017



J. Eklöf, J. Rydell

Bats In a World of Echoes

This comprehensive book about the lives of bats is about a group of peculiar, mythical and fascinating animals. They are mammals, just like us, but still so different. The book covers bats from Latin American Maya temples to Swedish potato cellars; from the plains of Kenya to the Taiwanese mountains. We perceive their shadows flitting by in the summer nights,



hear their mating calls in the darkness of autumn and see their silhouettes in the dim street light. The bats live in our houses and forage in our gardens and parks. But who are they and how do they lead their lives? The text and exquisite photos give an unsurpassed insight into the world of sounds and smells that bats encounter[...]

More on www.springer.com/978-3-319-66537-5

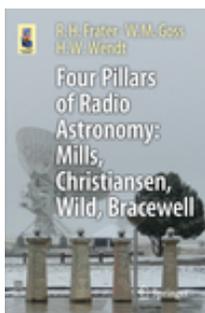
Hardcover

2017. XIII, 170 p. 120 illus., 119 illus. in color.

► **29,99 €**

ISBN 978-3-319-66537-5

October 31, 2017



R.H. Frater, M. Goss, H. Wendt

Four Pillars of Radio Astronomy: Mills, Christiansen, Wild, Bracewell

This is the story of Bernie Mills, Chris Christiansen, Paul Wild and Ron Bracewell, members of a team of radio astronomers that would lead Australia, and the world, into this new field of research. Each of the four is remembered for his remarkable work: Mills for the development the cross type instrument that now bears his name; Christiansen for the application of rotational synthesis techniques; Wild for the masterful joining of observations and theory to elicit the nature of the solar atmosphere; Bracewell for his contribution to imaging theory. As well, these Four Pillars are remembered for creating a remarkable environment for scientific discovery and for influencing the careers[...]

More on www.springer.com/978-3-319-65598-7

Softcover

2017. XVII, 196 p. 145 illus., 36 illus. in color. (Astronomers' Universe)

► **29,99 €**

ISBN 978-3-319-65598-7

October 15, 2017



D.C. Jett

The Iran Nuclear Deal Bombs, Bureaucrats, and Billionaires

This book examines attempts to influence the outcome of the negotiations between Iran and the United States over Iran's nuclear capabilities. In particular, it focuses on struggles within the United States around public and congressional opinion with regard to the accord. Trying to prevent a successful outcome to the talks became a cottage industry in Washington, with the casino billionaire Sheldon Adelson being just one of those who were pouring millions of dollars into the effort. On the pro-diplomacy side, there were a wide range of religious, peace, and arms control groups with some financial support coming from the Ploughshares Fund trying to create the space for a negotiated[...]

More on www.springer.com/978-3-319-59821-5

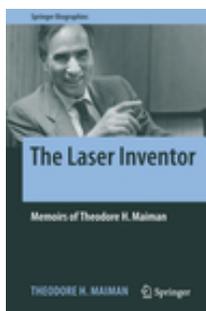
Softcover

2018. LVII, 476 p.

► **44,99 €**

ISBN 978-3-319-59821-5

October 30, 2017



T.H. Maiman

The Laser Inventor Memoirs of Theodore H. Maiman

In these engaging memoirs of a maverick, Theodore H. Maiman describes the life events leading to his invention of the laser in 1960. Maiman succeeded using his expertise in physics and engineering along with an ingenious and elegant design not anticipated by others. His pink ruby laser produced mankind's first-ever coherent light and has provided transformational technology for commerce, industry, telecom, the Internet, medicine, and all the sciences. Maiman also chronicles the resistance from his employer and the ongoing intrigue by competing researchers in industry and academia seeking to diminish his con-



tribution in inventing the first laser. This work will appeal to a wide[...]

More on www.springer.com/978-3-319-61939-2

Hardcover

2017. XIV, 198 p. 89 illus., 45 illus. in color. (Springer Biographies)

► **34,99 €**

ISBN 978-3-319-61939-2

October 6, 2017



C. Nothhaft

Made for China Success Strategies From China's Business Icons

This book shares unique perspectives on the successful global evolution and future ambitions of Chinese consumer companies. It presents an unprecedented collection of one-on-one interviews with some of the most influential leaders in China, whose companies offer diverse products and services. Further, the book offers future business leaders encouragement and guidance on how to ride the consumer wave in China. It also investigates some of the foremost current trends, revealing the best opportunities for companies to succeed on the Chinese market. Written by a successful business leader, this book is a timely must-read for anyone seeking to understand Chinese consumers, the Chinese[...]

More on www.springer.com/978-3-319-61583-7

Softcover

2018. XV, 247 p. 73 illus., 71 illus. in color.

► **27,99 €**

ISBN 978-3-319-61583-7

October 2017

Forthcoming

A. Salter, B. Blodgett

Toxic Geek Masculinity in Media Sexism, Trolling, and Identity Policing

This book examines changing representations of masculinity in geek media, during a time of transition in which "geek" has not only gone mainstream but also become a more contested space than ever, with continual clashes such as Gamergate, the Rabid and Sad Puppies' attacks on the Hugo Awards, and battles at conventions over "fake geek girls." Anastasia Salter and Bridget Blodgett critique both gendered depictions of geeks, including shows like Chuck and The Big Bang Theory, and aspirational geek heroes, ranging from the Winchester brothers of Supernatural to BBC's Sherlock and the varied superheroes of the



Marvel Cinematic Universe. Through this analysis, the authors argue that toxic[...]

More on www.springer.com/978-3-319-66076-9

Softcover

2017. IX, 163 p. 12 illus.

► **34,99 €**

ISBN 978-3-319-66076-9

November 5, 2017



J. Sexton

Black Masculinity and the Cinema of Policing

This book offers a critical survey of film and media representations of black masculinity in the early twenty-first-century United States, between President George W. Bush's 2001 announcement of the War on Terror and President Barack Obama's 2009 acceptance of the Nobel Peace Prize. It argues that images of black masculine authority have become increasingly important to the legitimization of contemporary policing and its leading role in the maintenance of an antiblack social order forged by racial slavery and segregation. It examines a constellation of film and television productions—from Antoine Fuqua's *Training Day* to John Lee Hancock's *The Blind Side* to Barry Jenkin's *Moonlight*—to[...]

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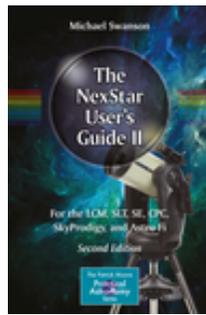
Softcover

2017. X, 163 p. 34 illus., 30 illus. in color.

► **34,99 €**

ISBN 978-3-319-66169-8

November 4, 2017



M. Swanson

The NexStar User's Guide II

For the LCM, SLT, SE, CPC, SkyProdigy, and Astro Fi

As with the first edition, this book is a thorough reference for the telescope models covered. The original NexStar User's Guide has remained very popular among the NexStar owner community. This updated edition has been completely rewritten to cover all current Celestron altitude-azimuth computerized telescopes (German EQ mounts are not discussed). Detailed information on the alignment and operation of these 'scopes provides a complete reference that expands greatly upon the manuals provided by Celestron. It also serves as a guide to buying the most suitable model for a variety of budgets and interests. Connecting and controlling the telescope with PCs, Macs, tablets, and smartphones[...]

More on www.springer.com/978-3-319-64932-0

Softcover

2017. IX, 274 p. 67 illus., 45 illus. in color. (The Patrick Moore Practical Astronomy Series)

► **39,99 €**

ISBN 978-3-319-64932-0

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