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Engineering Ethics

Real World Case Studies

Steven K. Starrett, Ph.D., P.E., D.WRE; Amy L. Lara, Ph.D.; and Carlos Bertha, Ph.D.

How do you handle conflicts of interest?

Have you ever been offered a kickback or asked for a "voluntary" contribution to a cause?

Are there cases where we can - and should - act against an important principle to achieve an even-more-important benefit?

To tweet or not to tweet?

Entrusted by the public to provide professional solutions to complex situations, engineers can face ethical dilemmas of all forms.

In **Engineering Ethics: Real-World Case Studies**, Starrett, Lara, and Bertha provide in-depth analysis with extended discussions and study questions of case studies that are based on real work situations. Important concepts such as rights and obligations; conflict of interest; professionalism and mentoring; confidentiality; whistleblowing; bribery, fraud, and corruption; and ethical communication with the public in a social media world are discussed in practical and approachable terms.

Organized by the canons of the ASCE Code of Ethics, this book is intended for practitioners, consultants, government engineers, engineering educators, and students in all

engineering disciplines.

May 2017 134pp Soft Cover **Price: \$ 44.00**

Total Maximum Daily Load Analysis and Modeling Assessment of the Practice

TMDL Analysis and Modeling Task Committee

Sponsored by the Watershed Management Technical Committee of the Watershed Council of the Environmental and Water Resources Institute of ASCE

Total Maximum Daily Load Analysis and Modeling: Assessment of the Practice reviews the available tools for estimating the maximum amount of a pollutant that a water body can receive in a day and still meet the applicable water quality standards. Total maximum daily load, or TMDL, is a regulatory term used by the U.S. Clean Water Act. The TMDL is an important means of preventing deterioration of the U.S. water supply and reversing the effects of both point- and nonpoint-source pollution on water quality.

This book addresses a variety of concerns about the selection and use of analysis and modeling tools for TMDL development and implementation. The history of TMDL assessments is recounted, and the selection and use of models to assess TMDLs and develop implementation plans is described. The report lists the source, capability, and applicability of more than 35 models and procedures, which are grouped into four categories: simple models and analytical procedures, watershed models, receiving water models, and integrated modeling systems. Additional

Good Offices Committee (Of FBPAI) Conversion rates for Books and Journals, effective 1st May 2017



British Pound Sterling @ ₹.84.70 US Dollar @ ₹.66.80 Euro @ ₹. 71.80

chapters present the state of the art on implementation; use of remote sensing and geographic information systems to gather data; protocol for calibration, confirmation (validation), and testing; advances in uncertainty analysis and defining the margin of safety; and a case study.

Environmental engineers, watershed managers, and water quality regulatory officials will use this book to make informed selections of appropriate analysis and modeling tools for TMDL development or implementation studies.

May 2017 170pp SC Price: \$ 80.00

Standard Guidelines For the Design, Installation, and Operation and Maintenance of Stormwater Impoundments (62-16, 63-16, 64-16)

American Society of Civil Engineers

Prepared by the Urban Drainage Standards Committee of the Standards Development Council of the Environmental and Water Resources Institute of the American Society of Civil Engineers

Standards ANSI/ASCE/EWRI 62-16, 63-16, and 64-16 establish guidelines for the design, installation, and operation and maintenance of stormwater impoundments. Gathered into a single volume, these new standards focus on local and regional impoundments that manage, treat, and attenuate stormwater runoff, thus reducing the impact of stormwater on downstream areas. ANSI/ASCE/EWRI 62-16 provides guidance for design and covers such topics as types of systems, regulations and permits, design requirements, safety, inflow hydrology, hydraulic design, routing, and water quality. ANSI/ASCE/EWRI 63-16 presents guidelines for the installation and discusses subjects such as contract documents, site investigation, installation, and inspection. ANSI/ASCE/EWRI 64-16 focuses on operation and maintenance of stormwater impoundments, including O&M plans, water quality, periodic inspection, and maintenance.

The book is the most up-to-date reference on the impoundment and naturally occurring treatment of stormwater. The three standards are useful in applications such as airports, roads, and other transportation systems, as well as industrial, residential, and recreational areas. Incidental surface water is considered, but the standards do not address broader issues associated with larger-scale flood control impoundments and reservoirs, which have unique and multipurpose aspects.

Engineers, planners, and owners considering stormwater impoundment solutions will find these new standards to be a valuable resource.

May 2017 112pp SC Price: \$ 90.00

Laugh....

A Couple in a Restaurant....

Husband and wife were having dinner at a fancy restaurant...

As the food was served,
Husband : "The Food looks delicious, let's eat."

Wife: Honey.. You say prayer before eating at home.

Husband: That's at home sweetheart... Here the chef knows how to cook.

* * * * *

Wife: Today, I want to relax, so I have brought three movie tickets.

Husband: why three tickets?

Wife: you and your parents.



facet publishing

Reading by Right

Successful strategies to ensure every child can read to succeed

Joy Court

Reading is an essential life skill not only for an individual's development and life chances but for social cohesion and a developed democracy. This book

focuses on the importance of reading for pleasure and the difference that it can make to a person's life chances, with a focus upon how libraries and librarians help reluctant and struggling readers: those who might fall through the net or be left behind.

Reading by Right provides an edited collection of chapters covering aspects of overcoming reading difficulties or reading reluctance in children and young people from birth right through to teenage. The book examines the research into problems with the acquisition of reading and highlights some of the best practise to be found internationally, both as a practical aid but also to inspire partnership and cooperation.

Content covered includes: • an outline of the political and strategic framework that library and education practitioners face in trying to overcome the barriers to reading • a review of the past several decades of research in this area • how youngsters become 'reluctant readers' and how to improve the situation for everyone • examples of successful projects from Korea and Finland, countries that consistently perform well in reading tests and international league tables • a wealth of practical context, including case studies and perspectives from school and public libraries • an overview of the ongoing relevance of debates and discussion around diversity in publishing and children's books, including some potential solutions.

Readership: The book will be invaluable reading for practitioners and students of librarianship in both the public and school sectors. It will also be of great interest to all teachers, consultants and educators concerned with literacy and reading, and to policy makers in both the school and library sectors.

Jun, 2017 256pp PB Price: £. 54.95

Archives, 2nd edition

Principles and practices

Laura A. Millar

This new and extensively revised

second edition offers an international perspective on archives management, providing authoritative guidance relevant to collections-based repositories and to organizations responsible for managing their own institutional archives.

Written in clear language with lively examples, *Archives: Principles and Practices* introduces core archival concepts, explains best-practice approaches and discusses the central activities that archivists need to know to ensure the documentary materials in their charge are cared for as effectively as possible.

Topics addressed include: • core archival principles and concepts archival history and the evolution of archival theories • the nature and diversity of archival materials and institutions • the responsibilities and duties of the archivist • issues in the management of archival institutions • the challenges of balancing access and privacy in archival service • best practice principles and strategic approaches to central archival tasks such as acquisition, preservation, reference and access • detailed comparison of custodial, fonds-oriented approaches and post-custodial, functional approaches to arrangement and description. • Discussion of digital archives is woven throughout the book, including consideration of the changing role of the archivist in the digital age.

In recasting her book to address the impact of digital technologies on records and archives, *Millar* offers us an archival manual for the twenty-first century.

This book will be essential reading for archival practitioners, archival studies students and professors, librarians, museum curators, local authorities, small governments, public libraries, community museums, corporations, associations and other agencies with archival responsibility.

May 2017 352pp PB **Price: £. 49.95**



Princeton University Press

**Power-Up:
Unlocking the Hidden Mathematics
in Video Games**

Matthew Lane

A fun and lively look at the mathematical ideas concealed in video games

Did you know that every time you pick up the controller to your PlayStation or Xbox, you are entering a game world steeped in mathematics? *Power-Up* reveals the hidden mathematics in many of today's most popular video games and explains why mathematical learning doesn't just happen in the classroom or from books—you're doing it without even realizing it when you play games on your cell phone.

In this lively and entertaining book, *Matthew Lane* discusses how gamers are engaging with the traveling salesman problem when they play *Assassin's Creed*, why it is mathematically impossible for Mario to jump through the Mushroom Kingdom in *Super Mario Bros.*, and how *The Sims* teaches us the mathematical costs of maintaining relationships. He looks at mathematical pursuit problems in classic games like *Missile Command* and *Ms. Pac-Man*, and how each time you play *Tetris*, you're grappling with one of the most famous unsolved problems in all of mathematics and computer science. Along the way, *Lane* discusses why *Family Feud* and *Pictionary* make for ho-hum video games, how realism in video games (or the lack of it) influences learning, what video games can teach us about the mathematics of voting, the mathematics of designing video games, and much more.

Power-Up shows how the world of video games is an unexpectedly rich medium for learning about the beautiful mathematical ideas that touch all aspects of our lives—including our virtual ones.

Matthew Lane is a mathematician and

cofounder of Rithm, a school for aspiring web developers. He is also the creator of Math Goes Pop!, a blog that explores the interconnections between mathematics and popular culture.

May 2017 264pp HB **Price: \$.29.95**

Philosophy of Mathematics

Øystein Linnebo

A sophisticated, original introduction to the philosophy of mathematics from one of its leading contemporary scholars

Mathematics is one of humanity's most successful yet puzzling endeavors. It is a model of precision and objectivity, but appears distinct from the empirical sciences because it seems to deliver nonexperiential knowledge of a nonphysical reality of numbers, sets, and functions. How can these two aspects of mathematics be reconciled? This concise book provides a systematic yet accessible introduction to the field that is trying to answer that question: the philosophy of mathematics.

Written by *Øystein Linnebo*, one of the world's leading scholars on the subject, the book introduces all of the classical approaches to the field, including logicism, formalism, intuitionism, empiricism, and structuralism. It also contains accessible introductions to some more specialized issues, such as mathematical intuition, potential infinity, the iterative conception of sets, and the search for new mathematical axioms. The groundbreaking work of German mathematician and philosopher Gottlob Frege, one of the founders of analytic philosophy, figures prominently throughout the book. Other important thinkers whose work is introduced and discussed include Immanuel Kant, John Stuart Mill, David Hilbert, Kurt Gödel, W. V. Quine, Paul Benacerraf, and Hartry H. Field.

Sophisticated but clear and approachable, this is an essential introduction for all students and teachers of philosophy, as well as mathematicians and others who want

to understand the foundations of mathematics.

Øystein Linnebo is professor of philosophy at the University of Oslo, and previously held positions in Bristol, London, and Oxford. He is the coeditor of *New Waves in the Philosophy of Mathematics* and the author of *Thin Objects: An Abstractionist Approach* (forthcoming).

May 2017 216pp HB Price: \$ 29.95

**Private Government:
How Employers Rule Our Lives
(and Why We Don't Talk about It)**
Elizabeth Anderson

Why our workplaces are authoritarian private governments—and why we can't see it

One in four American workers says their workplace is a "dictatorship." Yet that number probably would be even higher if we recognized most employers for what they are—private governments with sweeping authoritarian power over our lives, on duty and off. We normally think of government as something only the state does, yet many of us are governed far more—and far more obtrusively—by the private government of the workplace. In this provocative and compelling book, *Elizabeth Anderson* argues that the failure to see this stems from long-standing confusions. These confusions explain why, despite all evidence to the contrary, we still talk as if free markets make workers free—and why so many employers advocate less government even while they act as dictators in their businesses.

In many workplaces, employers minutely regulate workers' speech, clothing, and manners, leaving them with little privacy and few other rights. And employers often extend their authority to workers' off-duty lives. Workers can be fired for their political speech, recreational activities, diet, and almost anything else employers care to govern. Yet we continue to talk as if early advocates of market society—

from John Locke and Adam Smith to Thomas Paine and Abraham Lincoln—were right when they argued that it would free workers from oppressive authorities. That dream was shattered by the Industrial Revolution, but the myth endures.

Private Government offers a better way to talk about the workplace, opening up space for discovering how workers can enjoy real freedom.

Based on the prestigious Tanner Lectures delivered at Princeton University's Center for Human Values, **Private Government** is edited and introduced by Stephen Macedo and includes commentary by cultural critic David Bromwich, economist Tyler Cowen, historian Ann Hughes, and philosopher Niko Kolodny.

Elizabeth Anderson is Arthur F. Thurnau Professor and John Dewey Distinguished University Professor of Philosophy and Women's Studies at the University of Michigan. She is the author of *The Imperative of Integration* (Princeton) and *Value in Ethics and Economics*.

May 2017 224pp HB Price: \$ 27.95

Idioms....

Here are some common English idioms and phrases that will enrich your English vocabulary

1. **'Speak of the devil'** – this means that the person you're just talking about actually turns up at that moment.

"Hi Tom, speak of the devil, I was just telling Sara about your new car."

2. **'Once in a blue moon'** – an event that happens infrequently.

"I only go to the cinema once in a blue moon."

3. **'When pigs fly'** – something that will never happen.

"When pigs fly she'll tidy up her room."



UNIVERSITY OF CALIFORNIA PRESS

Bitter and Sweet
Food, Meaning, and Modernity in Rural China

Ellen Oxfeld

Less than a half century ago, China experienced a cataclysmic famine, which was particularly devastating in the countryside. As a result, older people in rural areas have experienced in their lifetimes both extreme deprivation and relative abundance of food. Young people, on the other hand, have a different relationship to food. Many young rural Chinese are migrating to rapidly industrializing cities for work, leaving behind backbreaking labor but also a connection to food through agriculture.

Bitter and Sweet examines the role of food in one rural Chinese community as it has shaped everyday lives over the course of several tumultuous decades. In her superb ethnographic accounts, *Ellen Oxfeld* compels us to reexamine some of the dominant frameworks that have permeated recent scholarship on contemporary China and that describe increasing dislocation and individualism and a lack of moral centeredness. By using food as a lens, she shows a more complex picture, where connectedness and sense of place continue to play an important role, even in the context of rapid change.

Ellen Oxfeld is Gordon Schuster Professor of Anthropology at Middlebury College. She has also been a visiting scholar at the Hakka Research Institute, Jiaying University, Meizhou, Guangdong, China. She is the author of *Drink Water, but Remember the Source: Moral Discourse in a Chinese Village*, among other books.

June 2017 280pp PB Price: \$ 34.95
HB Price: \$ 85.00

Jailcare
Finding the Safety Net for Women behind Bars
Carolyn Sufrin

Thousands of pregnant women pass through our nation's jails every year. What happens to them as they carry their pregnancies in a space of punishment? In this time when the public safety net is frayed, incarceration has become a central and racialized strategy for managing the poor. Using her ethnographic fieldwork and clinical work as an ob-gyn in a women's jail, *Carolyn Sufrin* explores how jail has, paradoxically, become a place where women can find care. Focusing on the experiences of incarcerated pregnant women as well as on the practices of the jail guards and health providers who care for them, **Jailcare** describes the contradictory ways that care and maternal identity emerge within a punitive space presumed to be devoid of care. *Sufrin* argues that jail is not simply a disciplinary institution that serves to punish. Rather, when understood in the context of the poverty, addiction, violence, and racial oppression that characterize these women's lives and their reproduction, jail can become a safety net for women on the margins of society.

Carolyn Ssufrin is a medical anthropologist and an obstetrician-gynecologist at Johns Hopkins University School of Medicine.

June 2017 328pp PB Price: \$. 29.95
HB Price: \$. 85.00

Fun Facts.....

- Leonardo Da Vinci could write with one hand and draw with the other at the same time.
- It is illegal to own a red car in s Shanghai China.
- Donald Duck comics were banned in Finland because he doesn't wear pants.
- Cleopatra married two of her brothers.
- In human body the right lung takes in more air than the left one.
- Every person has a unique tongue print.



Columbia University Press

Nexus of Global Jihad **Understanding Cooperation Among** **Terrorist Actors**

Assaf Moghadam

Leading jihadist groups such as al-Qaeda and the Islamic State dominate through cooperation in the form of knowledge sharing, resource sharing, joint training exercises, and operational collaboration. They build alliances and lesser partnerships with other formal and informal terrorist actors to recruit foreign fighters and spread their message worldwide, raising the aggregate threat level for their declared enemies. Whether they consist of friends or foes, whether they are connected locally or online, these networks create a wellspring of support for jihadist organizations that may fluctuate in strength or change in character but never runs dry. **Nexus of Global Jihad** identifies types of terrorist actors, the nature of their partnerships, and the environments in which they prosper to explain global jihadist terrorism's ongoing success and resilience.

Nexus of Global Jihad brings to light an emerging style of "networked cooperation" that works alongside interorganizational terrorist cooperation to establish bonds of varying depth and endurance. Case studies use recently declassified materials to illuminate al-Qaeda's dealings from Iran to the Arabian Peninsula and the informal actors that power the Sharia4 movement. The book proposes policies that increase intelligence gathering on informal terrorist actors, constrain enabling environments, and disrupt terrorist networks according to different types of cooperation. It is a vital text for strategists and scholars struggling to understand a growing spectrum of terrorist groups working together more effectively than ever before.

Assaf Moghadam is associate professor at the Interdisciplinary Center Herzliya

(IDC) and director of academic affairs at the International Institute for Counter-Terrorism (ICT). He is also a fellow at the Combating Terrorism Center at West Point. He is the author of *The Globalization of Martyrdom* (2008) and coeditor of *Fault Lines in Global Jihad* (2011).

May 2017 400pp HB Price: \$. 35.00

Journalistic Authority **Legitimizing News in the Digital** **Era**

Matt Carlson

When we encounter a news story, why do we accept its version of events? A complicated set of cultural, structural, and technological relationships inform this interaction, and **Journalistic Authority** provides a relational theory for explaining how journalists attain authority. The book argues that authority is not a thing to be possessed or lost, but a quality of the connections between those laying claim to being an authority and those who assent to it.

Matt Carlson examines the practices journalists use to legitimate their work: professional orientation, development of specific news forms, and the personal narratives they circulate to support a privileged social place. He then considers journalists' relationships with the audiences, sources, technologies, and critics that shape journalistic authority in the contemporary media environment. *Carlson* argues that journalistic authority is always the product of complex and variable relationships. By creating a schema to account for this complexity, he presents a new model for critiquing journalism while advocating for the norms and practices we want to be authoritative.

Matt Carlson is associate professor of communication at Saint Louis University. He is author of *On the Condition of Anonymity: Unnamed Sources and the Battle for Journalism* (2011) and coeditor of *Boundaries of Journalism: Professionalism, Practices and Participation* (2015) and *Journalists,*

Sources, and Credibility: New Perspectives (2010).

May 2017 256pp PB Price: \$ 30.00
HB Price: \$ 90.00

Websites of the month....



<http://kleki.com/>

Create paintings and sketches with a wide variety of brushes.

<http://www.midomi.com/>

If you have a tune that's stuck in your head, just grab a microphone, hum that tune yourself and Midomi will be able to tell you what that song is. Alternatively, you may play a short recording of that "unknown" track for Midomi to identify its name.

 The MIT Press

Minitel

Welcome to the Internet

Julien Mailland and Kevin Driscoll

A decade before the Internet became a medium for the masses in the United States, tens of millions of users in France had access to a network for e-mail, e-commerce, chat, research, game playing, blogging, and even an early form of online porn. In 1983, the French government rolled out **Minitel**, a computer network that achieved widespread adoption in just a few years as the government distributed free terminals to every French telephone subscriber. With this volume, *Julien Mailland and Kevin Driscoll* offer the first scholarly book in English on **Minitel**, examining it as both a technical system and a cultural phenomenon.

Mailland and Driscoll argue that **Minitel** was a technical marvel, a

commercial success, and an ambitious social experiment. Other early networks may have introduced protocols and software standards that continue to be used today, but **Minitel** foretold the social effects of widespread telecomputing. They examine the unique balance of forces that enabled the growth of Minitel: public and private, open and closed, centralized and decentralized. *Mailland and Driscoll* describe Minitel's key technological components, novel online services, and thriving virtual communities. Despite the seemingly tight grip of the state, however, a lively Minitel culture emerged, characterized by spontaneity, imagination, and creativity. After three decades of continuous service, Minitel was shut down in 2012, but the history of Minitel should continue to inform our thinking about Internet policy, today and into the future.

Julien Mailland is Assistant Professor at the Media School at Indiana University Bloomington.

Kevin Driscoll is Assistant Professor in the Department of Media Studies at the University of Virginia.

June 2017 240pp HB Price: \$35.00

Ageism, Second Edition
Stereotyping and Prejudice against Older Persons

Todd D. Nelson

People commonly use age to categorize and stereotype others—even though those who stereotype the elderly are eventually bound to become elderly themselves. Ageism is found cross-culturally, but it is especially prevalent in the United States, where most people regard growing older with depression, fear, and anxiety. Older people in the United States are stigmatized and marginalized, with often devastating consequences. This volume collects the latest theory and research on prejudice against older people, offering perspectives from psychology, nursing, medicine, social work, and other fields. The second edition has been completely updated, with new or extensively

revised contributions. The contributors, all experts in their fields, consider issues that range from elder abuse to age discrimination against workers.

There has been a relative dearth of research on ageism, perhaps because age prejudice is still considered socially acceptable. This book is still the only one that examines ageism in such detail, from such diverse scholarly perspectives. The contributors discuss the origins and effects of ageism and offer suggestions for how to reduce ageism as the wave of baby boomers heads for old age.

Contributors: Yoav S. Bergman, Ehud Bodner, Jennifer Barbour, Piers Bayl-Smith, Daphne Blunt Bugental, Maria Clara P. de Paula Couto, Susan T. Fiske, Jeff Greenberg, Barbara Griffin, Jessica A. Hehman, Peter Helm, Sarah H. Kagan, Molly Maxfield, Lynn McDonald, Mary Chase Mize, Joann M. Montepare, Todd D. Nelson, Michael S. North, Amanda Rumsey, Jeff Schimel, Laura Shannonhouse, Dirk Wentura, Susan Krauss Whitbourne

Todd D. Nelson is Professor of Psychology at California State University, Stanislaus.

June 2017 376pp PB Price: \$ 40.00

 THE UNIVERSITY OF CHICAGO PRESS

Beethoven's Symphonies
Nine Approaches to Art and Ideas
Martin Geek

In the years spanning from 1800 to 1824, Ludwig van Beethoven completed nine symphonies, now considered among the greatest masterpieces of Western music. Yet despite the fact that this time period, located in the wake of the Enlightenment and at the peak of romanticism, was one of rich intellectual exploration and social change, the influence of such threads of thought on Beethoven's work has until now remained hidden beneath the surface of the notes. **Beethoven's Symphonies**

presents a fresh look at the great composer's approach and the ideas that moved him, offering a lively account of the major themes unifying his radically diverse output.

Martin Geck opens the book with an enthralling series of cultural, political, and musical motifs that run throughout the symphonies. A leading theme is Beethoven's intense intellectual and emotional engagement with the figure of Napoleon, an engagement that survived even Beethoven's disappointment with Napoleon's decision to be crowned emperor in 1804. *Geck* also delves into the unique ways in which Beethoven approached beginnings and finales in his symphonies, as well as his innovative use of particular instruments. He then turns to the individual symphonies, tracing elements—a pitch, a chord, a musical theme—that offer a new way of thinking about each work and will make even the most devoted fans of Beethoven admire the symphonies anew.

Offering refreshingly inventive readings of the work of one of history's greatest composers, this book shapes a fascinating picture of the symphonies as a cohesive oeuvre and of Beethoven as a master symphonist.

Martin Geck is professor emeritus of musicology at the Technical University of Dortmund in Germany.

May 2017 192pp HB Price: \$ 26.00

Palmyra

An Irreplaceable Treasure

Paul veyne

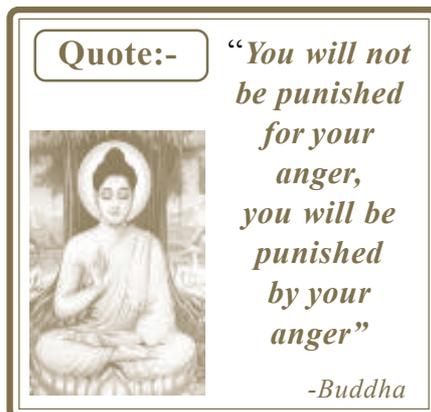
Located northeast of Damascus, in an oasis surrounded by palms and two mountain ranges, the ancient city of **Palmyra** has the aura of myth. According to the Bible, the city was built by Solomon. Regardless of its actual origins, it was an influential city, serving for centuries as a caravan stop for those crossing the Syrian Desert. It became a Roman province under Tiberius and served as the most powerful commercial center in the

Middle East between the first and the third centuries CE. But when the citizens of **Palmyra** tried to break away from Rome, they were defeated, marking the end of the city's prosperity. The magnificent monuments from that earlier era of wealth, a resplendent blend of Greco-Roman architecture and local influences, stretched over miles and were among the most significant buildings of the ancient world—until the arrival of ISIS. In 2015, ISIS fought to gain control of the area because it was home to a prison where many members of the outlawed Muslim Brotherhood had been held, and ISIS went on to systematically destroy the city and murder many of its inhabitants, including the archaeologist Khaled al-Asaad, the antiquities director of Palmyra.

In this concise and elegiac book, *Paul Veyne*, one of Palmyra's most important experts, offers a beautiful and moving look at the history of this significant lost city and why it was—and still is—important. Today, we can appreciate the majesty of Palmyra only through its pictures and stories, and this book offers a beautifully illustrated memorial that also serves as a lasting guide to a cultural treasure.

Paul Veyne is a French archaeologist and historian and an honorary professor at the Collège de France. He is the author of several books in French as well as *Did the Greeks Believe in Their Myths?*, also published by the University of Chicago Press.

April 2017 128pp HB Price: \$ 22.50



Yale University Press

Hitler's Monsters

A Supernatural History of the Third Reich

Eric Kurlander

The Nazi fascination with the occult is legendary, yet today it is often dismissed as Himmler's personal obsession or wildly overstated for its novelty. Preposterous though it was, however, supernatural thinking was inextricable from the Nazi project. The regime enlisted astrology and the paranormal, paganism, Indo-Aryan mythology, witchcraft, miracle weapons, and the lost kingdom of Atlantis in reimagining German politics and society and recasting German science and religion. In this eye-opening history, *Eric Kurlander* reveals how the Third Reich's relationship to the supernatural was far from straightforward. Even as popular occultism and superstition were intermittently rooted out, suppressed, and outlawed, the Nazis drew upon a wide variety of occult practices and esoteric sciences to gain power, shape propaganda and policy, and pursue their dreams of racial utopia and empire.

Eric Kurlander is professor of history at Stetson University. His previous books include *The Price of Exclusion: Ethnicity, National Identity, and the Decline of German Liberalism, 1989–1933*.

June 2017 448pp HB Price: \$ 35.00

In the Shadow of the Moon

The Science, Magic, and Mystery of Solar Eclipses

Anthony Aveni

Since the first humans looked up and saw the sun swallowed by darkness, our species has been captivated by solar eclipses. Astronomer and anthropologist *Anthony Aveni* explains the history and culture surrounding solar eclipses, from prehistoric Stonehenge to Babylonian creation myths, to a

confirmation of Einstein's theory of general relativity, to a spectacle that left New Yorkers in the moon's shadow, to future eclipses that will capture human imaginations.

In one accessible and engaging read, *Aveni* explains the science behind the phenomenon, tracks eclipses across the ancient world, and examines the roles of solar eclipses in modern times to reveal the profound effects these cosmic events have had on human history. Colored by his own experiences—*Aveni* has witnessed eight total solar eclipses in his lifetime—his account of astronomy's most storied phenomenon will enthrall anyone who has looked up at the sky with wonder.

Anthony Aveni has appointments in the departments of physics & astronomy and sociology & anthropology at Colgate University. An award-winning author, he has written numerous books, including *Empires of Time*, *Behind the Crystal Ball*, and *The End of Time*.

June 2017 328pp HB Price: \$ 28.00

Confusion...!!!

When sign-makers go on strike, is anything written on their picket signs?

Do you need a silencer if you are going to shoot a mime?

When it rains, the sky is completely covered in clouds. How does the rain get through?

Why do they put Braille dots on the keypad of the drive up ATM?

What is the speed of dark?

What is a "free" gift? Aren't all gifts free?

What would happen if there were no hypothetical questions?

Health Watch...

The Negative Effects of Ice Water on the Body.....

There's nothing quite like a glass of ice water to cool down with on a summer's day, but after reading the following information, you might want to think twice before reaching for the ice tray. The hidden dangers of drinking ice water aren't very well-known. Here they are:



1. It can Lead to Extra Fat

The weight loss tip for drinking lots of cold water to force the body into doing more work and thus burn more calories isn't completely true. This is because cold temperatures in the body cause fats to harden and congeal, making them harder for the body to digest.

2. Constipation

Although drinking water that's at room temperature helps the digestive process, drinking ice water has the potential to cause constipation. Food solidifies and hardens as it passes through the body, while at the same time making intestines contract, which can lead to difficulty when you need to "go".

3. Hinders Hydration

As aforementioned in previous points on this list, drinking ice water actually slows down your body's rehydration process, rather than speeding it up. This is because the body needs to bring it up to temperature first before it can use it. The only exception to this rule is long distance runners, who appear to benefit from the delayed response mechanism for maintaining water levels when they're on a long run.

4. Saps Energy

While drinking ice water can make you feel refreshed and stimulate you in the short term, it actually serves to drain your energy in the long run. This is because your body has to use extra energy to warm up the water and bring it up to its average temperature.

5. Upsets Digestion

Drinking ice water can lead to stomach upsets, abdominal pain, gurgling and nausea. This is because cold temperatures are anti-inflammatory, therefore blood vessels retract. Another side effect of ingesting ice water is that the stomach contracts and becomes too tight to be able to process food efficiently.

6. Slows Heart Rate

Drinking ice water can cause your heart rate to drop. This is because the vagus nerve, which runs down the back of your neck, is affected by a sudden ingestion of cold water. As an emergency measure, your heart slows down until your body temperature reaches equilibrium once again.

7. Irritates Throat

Just as a cold winter's day can give you a runny nose and block up your sinuses, ice water creates the same bodily response. In other words, your body creates mucus as a natural humidifier to warm any ingested cold air or liquid. The difference is that in the case of ice water, this bodily response is unneeded, and it results in extra mucus accumulating in your pipes, thus making your throat sore.

8. Headaches

If you're familiar with "brain-freeze", which you get as a result of eating an ice cream or lolly, then you should know that ice water can do the same thing. It chills many sensitive nerves in the spine, and they immediately relay messages to your brain, which in turn causes headaches.

.....*Courtesy: World Wide Web*