



The MIT Press
Spring 2025

**London Book Fair
Rights Guide**

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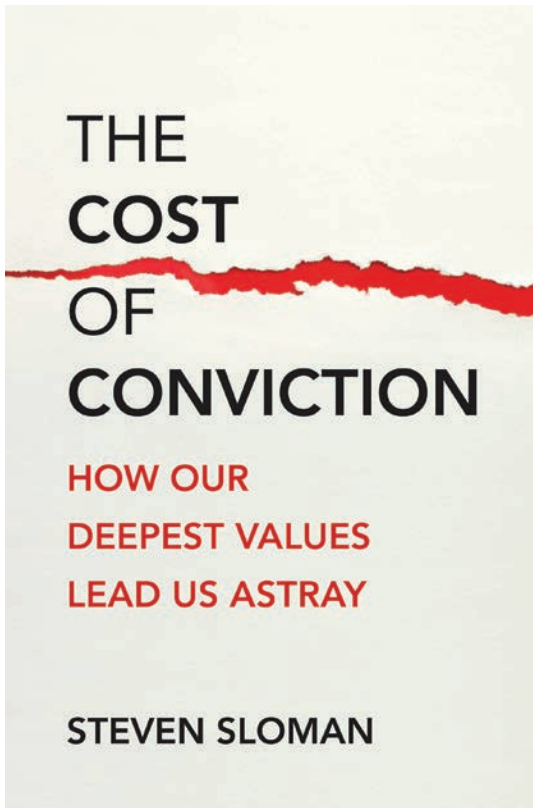
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Front Cover:
Dunne & Raby, A Vegetable Lamb, 2023.
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Kirschner.



The Cost of Conviction

How Our Deepest Values Lead Us Astray

Steven Sloman

A timely and important perspective on how people frame decisions and how relying on sacred values unwittingly leads to social polarization.

When you are faced with a decision, do you consider the best outcome, or do you consider your deepest values about which actions are appropriate? *The Cost of Conviction* contrasts these two primary strategies for making decisions: consequentialism, the former, or prioritizing one's sacred values, the latter. Steven Sloman argues that, while both modes of decision making are necessary tools for a good decision maker, people err by deploying sacred values more often than they should, especially when it comes to sociopolitical issues. As a result, we oversimplify, grow disgusted and angry, and act in ways that contribute to social polarization. In this book, Sloman provides a new understanding of today's societal ills and grounds that understanding in science.

The book begins by covering the philosophical and conceptual background of the two decision-making strategies, then takes a deep dive into the psychology of decision making. Drawing on historical and current examples of the use of the two strategies, the author provides a thorough overview of the psychology of decision making, including work on judgment, conscious and unconscious decision-making processes, the roles of emotion, and even an analysis of habit and addiction.

Steven Sloman has taught at Brown University since 1992. He is a Fellow of the Cognitive Science Society, the Society of Experimental Psychologists, the American Psychological Society, the Eastern Psychological Association, and the Psychonomic Society. He is the author of *Causal Models* and a coauthor of *The Knowledge Illusion* (with Phil Fernbach). He has been Editor-in-Chief of the journal *Cognition*, Chair of the Brown University faculty, and the creator of Brown University's concentration in Behavioral Decision Sciences.

psychology/social science

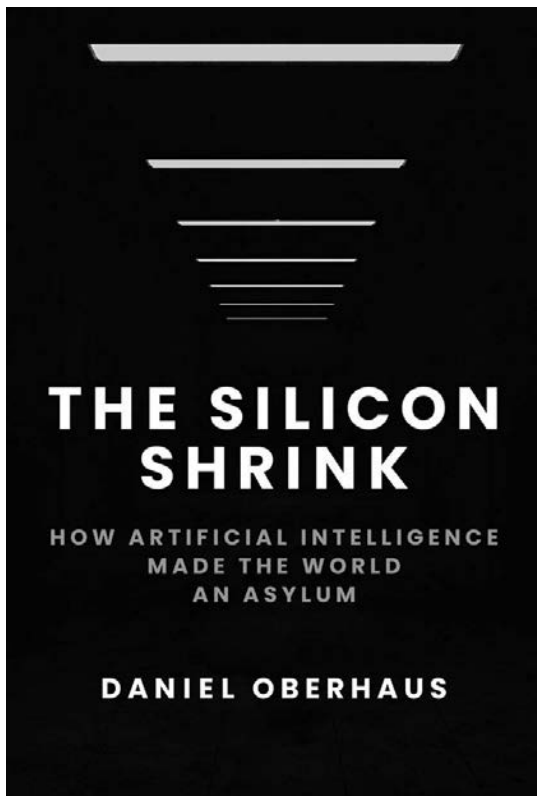
May

6 x 9, 240 pp.

4 b&w illus.

US \$29.95T/\$39.95 CAN cloth

978-0-262-04982-5



“As the mental health field increases its reliance on AI, this book provides needed guidance to better understand the risks and benefits of its use and raises important questions for all of us to ask.”

– John Torous MD, Director of Digital Psychiatry at
Beth Israel Deaconess Medical Center

“Arresting from the opening episode onward, this well-researched and thoroughly documented book reveals the weaknesses of AI applied to psychiatric evaluation and treatment.”

– Vint Cerf, internet pioneer

The Silicon Shrink

How Artificial Intelligence Made the World an Asylum

Daniel Oberhaus

Why the race to apply AI in psychiatry is so dangerous, and how to understand the new tech-driven psychiatric paradigm.

AI psychiatrists promise to detect mental disorders with superhuman accuracy, provide affordable therapy for those who can't afford or can't access treatment, and even invent new psychiatric drugs. But the hype obscures an unnerving reality. In *The Silicon Shrink*, Daniel Oberhaus tells the inside story of how the quest to use AI in psychiatry has created the conditions to turn the world into an asylum. Most of these systems, he writes, have vanishingly little evidence that they improve patient outcomes, but the risks they pose have less to do with technological shortcomings than the application of deeply flawed psychiatric models of mental disorder at unprecedented scale.

Oberhaus became interested in the subject of mental health after tragically losing his sister to suicide. In the book, he argues that these new, ostensibly therapeutic technologies already pose significant risks to vulnerable people, and they won't stop there. These new breeds of AI systems are creating a psychiatric surveillance economy in which the emotions, behavior, and cognition of everyday people are subtly manipulated by psychologically savvy algorithms that have escaped the clinic. Oberhaus also introduces readers to the concept of “swipe psychology,” which is quickly establishing itself as the dominant mode of diagnosing and treating mental disorders.

Daniel Oberhaus is a science writer based in Brooklyn, New York. He is the founder of the deep tech communications agency HAUS and was previously a staff writer at *WIRED*. His first book *Extraterrestrial Languages* (MIT Press) is about the art, science, and philosophy of interstellar communication.

psychology/technology

February

6 x 9, 264 pp.

1 b&w illus.

US \$29.95T/\$39.95 CAN cloth

978-0-262-04935-1

Bye Bye I Love You

The Story of Our First and Last Words

Michael Erard

A beautiful and intimate exploration of first and last words – and the many facets of how language begins and ends – from a pioneering language writer.

With our earliest utterances, we announce ourselves—and are recognized—as persons ready for social life. With our final ones, we mark where others must release us to death's embrace. In *Bye Bye I Love You*, linguist and author Michael Erard explores these phenomena, commonly called “first words” and “last words,” uncovering their cultural, historical, and biological entanglements and honoring their deep private significances. Erard draws from personal, historical, and anthropological sources to provide a sense of the breadth of beliefs and practices about these phenomena across eras, religions, and cultures around the world.

What do babies' first words have in common? How do people really communicate at the end of life? In the first half of the book, Erard tells the story of first words in human development and evolution, and how the attention to children's early language—a modern phenomenon—arose. In the second half, he provides a ground-breaking overview of language at the end of life and the cultural conventions that surround it. Throughout he reveals the many parallels and asymmetries between first and last words and asks whether we might be able to use a linguistic understanding of end of life to discover what we truly want.

Trained as a linguist and historian, **Michael Erard** has spent more than two decades sharing compelling stories about language, languages, and the people who use and study them. He lives in Maastricht in the Netherlands.

linguistics

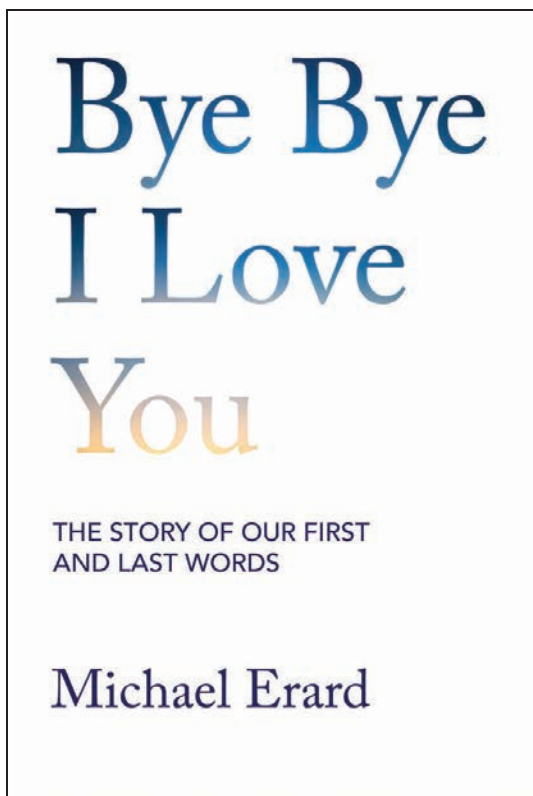
February

6 x 9, 336 pp.

9 b&w illus.

US \$32.95T/\$43.95 CAN cloth

978-0-262-04942-9

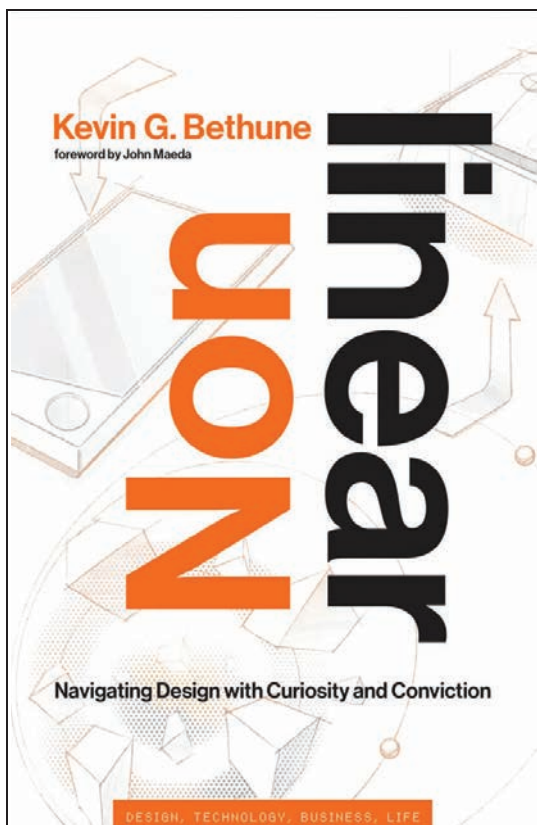


“An original, thrilling, poetic, and utterly humane exploration of the linguistic bookends of our human lives.”

— Ellen Jovin, author of the national bestseller *Rebel with a Clause*

“A fascinating look at culture, ritual, and the profound intimacy of relationship.”

— Sallie Tisdale, author of *Survivor and the Endless Gaze*



Simplicity: Design, Technology, Business, Life series

“Kevin inspires us to embrace the unexpected journey of innovation. His vision empowers us not just to meet the current needs of our audiences, but to take them places they’ve yet to imagine.

— Greg Hoffman, author of *Emotion by Design*

“Kevin lays out a new, imperative mindset for designers. Often interwoven with personal stories, his lessons and advice are accessible and essential for today’s innovators.”

— Ivy Ross, Chief Design Officer, Consumer Devices at Google, coauthor of *Your Brain on Art*

“Nonlinear readers will walk away with a mindset for even bolder innovation and a desire to design a better world. Kevin’s compelling journey will inspire creativity and strategic thinking in designers at every career stage.”

— Mauro Porcini, Chief Design Officer, PepsiCo, author of *The Human Side of Innovation*

Nonlinear

Navigating Design with Curiosity and Conviction

Kevin G. Bethune
foreword by John Maeda

From the acclaimed designer and bestselling author of *Reimagining Design*, a nonlinear approach to navigating design’s nuances in pursuit of meaningful innovation.

In *Nonlinear*, Kevin Bethune shows us that we can reject trodden paths of digital or physical product creation by taking advantage of a nonlinear approach. To unlock meaningful innovation that breeds new and novel outcomes, he writes, teams need to embark on a journey into the proverbial forest of ambiguity, the result of a rapidly converging, dynamic, and exponentially changing landscape. The journey is less about getting it right or wrong, and more about using the information we have at our disposal to understand our choices and take steps to unlock new learning.

Nonlinear begins by taking the reader through Bethune’s professional zigs and zags. The author explains that while his interdisciplinary leaps were rare at the time he took them, these varied experiences unlocked perspectives about design and innovation that uniquely prepared him for our present moment and for the future. He then showcases the role of quantitative information to strategically frame and set boundary conditions for our creative exploration, and the role of qualitative insights to provide the substance necessary to begin crafting solutions that address unmet needs. The book also identifies accelerants (or flywheels) that will help readers as they reflect on their journey navigating the forest of ambiguity, with a specific emphasis on diversity, a key theme for Bethune, a Black man who has navigated new horizons.

Kevin Bethune is Founder and Chief Creative Officer of dreams • design + life, a think tank that delivers design & innovation services using an empathic, holistic approach. He is the author of *Reimagining Design: Unlocking Strategic Innovation* (MIT Press).

design / business

February
5 1/4 x 8, 240 pp.
12 b&w photos, 19 b&w illus.
US \$26.95T/\$35.95 CAN cloth
978-0-262-04943-6

Learning to See

Inside the World's Leading Art and Design Schools

Keith Sawyer

The definitive resource on how nationally known artists and designers teach – and what students learn – in the world's top BFA and MFA programs.

Learning to See is an engaging and profound account of how professional artists and designers create and how they teach others to do it. Keith Sawyer, a leading creativity researcher, spent over ten years interviewing a hundred professors who've taught in 50 different colleges, universities, and institutes. He also interviewed students to learn about the personal transformation they go through as they learn to see and think like successful creative professionals. *Learning to See* describes project assignments and studio class sessions in over 20 different disciplines, revealing the shared essence of art and design.

Learning to See tells the stories of the professional artists and designers who teach in BFA and MFA programs throughout the U.S., including top schools in New York, Chicago, and Los Angeles. These articulate and experienced educators share their insights about how to guide younger artists and designers to realize their full creative potential. In the best BFA and MFA programs, students learn to see things they couldn't see before, and they learn to think in new ways. In *Learning to See*, you meet professors and students in over 20 different art and design disciplines—from painting and sculpture to graphic design and architecture.

Keith Sawyer is one of the world's leading creativity researchers. He has published twenty books and over one hundred scientific articles on jazz, theater, and visual arts. His bestselling books include *Group Genius* and *Zig Zag*. Sawyer is the Morgan Distinguished Professor in Educational Innovations at the University of North Carolina at Chapel Hill.

art/design

April

6 x 9, 288 pp.

49 color illus., 13 b&w illus.

US \$39.95T/\$53.95 CAN paperback

978-0-262-55164-9

LEARNING TO SEE SEE SEE SEE SEE

INSIDE THE WORLD'S LEADING
ART AND DESIGN SCHOOLS

KEITH SAWYER

"Getting designers to see is not as simple as it sounds. Designers must see on and below the surface of what they make. *Learning to See* is a guide that helps the reader learn that there is more to design than meets the eye."

— Steve Heller, Professor at the School of Visual Arts, New York; author of over 200 books, including *Design School Confidential* and *The Education of a Graphic Designer*

"There's a difference between simple sight and 'seeing' as a form of deep understanding. Keith Sawyer defines seeing as something which is learned through experience and example as it is taught in schools of art and design. Rich with examples and illuminating quotes from experienced professors, this book lays out the case for seeing as a form of thinking on a higher plane."

— Kit White, retired professor of painting, Pratt Institute; author of *101 Things To Learn In Art School*



¡Conectados!

Jean J. Ryoo and Jane Margolis
translated by Mariana Llanos, illustrated by
Charis JB

Un grupo multirracial de amigos adolescentes aprende cómo la computación puede empoderarlos personal y políticamente, y por qué todos los estudiantes necesitan acceso a la educación en ciencias de la computación.

Esta animada novela gráfica sigue a un diverso grupo de adolescentes mientras descubren que las ciencias de la computación pueden ser divertidas, creativas e inspiradoras. Taylor, Christine, Antonio y John se comportan como adolescentes típicos: se comunican a través de interminables mensajes de texto, comparten bromas, se preocupan por el comienzo de su vida en la escuela secundaria y se ayudan mutuamente. Pero cuando un hombre negro es asesinado a tiros por la policía en su ciudad, se indignan y luego se enteran de que había sido identificado y rastreado erróneamente por un programa de inteligencia artificial. ¿Cómo puede un algoritmo ser racista? ¿Y qué es un algoritmo?

En la escuela deciden explorar las clases de computación con resultados variados. En una clase enseñan solo digitación. La clase a la que Christine se quiere unir ya no tiene cupo y la consejera escolar le sugiere que, en su lugar, tome la clase de Turismo y Hospitalidad (¿De veras??). Pero la clase de Antonio sí es a todo dar, y cuando Christine encuentra un programa extracurricular, deciden enseñarse unos a otros lo que aprendan.

Jane Margolis is a UCLA educational researcher and author who has been a longtime advocate for ending inequality and segregation in computer science education, for which she won the 2016 White House Champion of Change award. She is the coauthor of *Unlocking the Clubhouse* and *Stuck in the Shallow End*, both published by the MIT Press.

Jean J. Ryoo (she/her) is an avid reader of manga and manhwa, as well as an educational researcher/writer committed to ensuring that all students experience meaningful and empowering learning, both in and out of school.

graphic novel

April
6 3/4 x 10, 136 pp.
US \$19.95T/\$25.95 CAN paperback
978-0-262-55168-7

Power On!

Jean J. Ryoo and Jane Margolis
illustrated by Charis JB

A diverse group of teenage friends learn how computing can be personally and politically empowering and why all students need access to computer science education.

This lively graphic novel follows a diverse group of teenage friends as they discover that computing can be fun, creative, and empowering. Taylor, Christine, Antonio, and Jon seem like typical young teens—they communicate via endless texting, they share jokes, they worry about starting high school, and they have each other's backs. But when a racially-biased artificial intelligence system causes harm in their neighborhood, they suddenly realize that tech isn't as neutral as they thought it was. But can an algorithm be racist? And what is an algorithm, anyway?

In school, they decide to explore computing classes, with mixed results. One class is only about typing. The class that Christine wants to join is full, and the school counselor suggests that she take a class in "Tourism and Hospitality" instead. (Really??) But Antonio's class seems legit, Christine finds an after-school program, and they decide to teach the others what they learn. By summer vacation, all four have discovered that computing is both personally and politically empowering.

Interspersed through the narrative are text boxes with computer science explainers and inspirational profiles of people of color and women in the field (including Katherine Johnson of Hidden Figures fame). *Power On!* is an essential read for young adults, general readers, educators, and anyone interested in the power of computing, how computing can do good or cause harm, and why addressing underrepresentation in computing needs to be a top priority.

Jane Margolis is a UCLA educational researcher and author who has been a longtime advocate for ending inequality and segregation in computer science education.

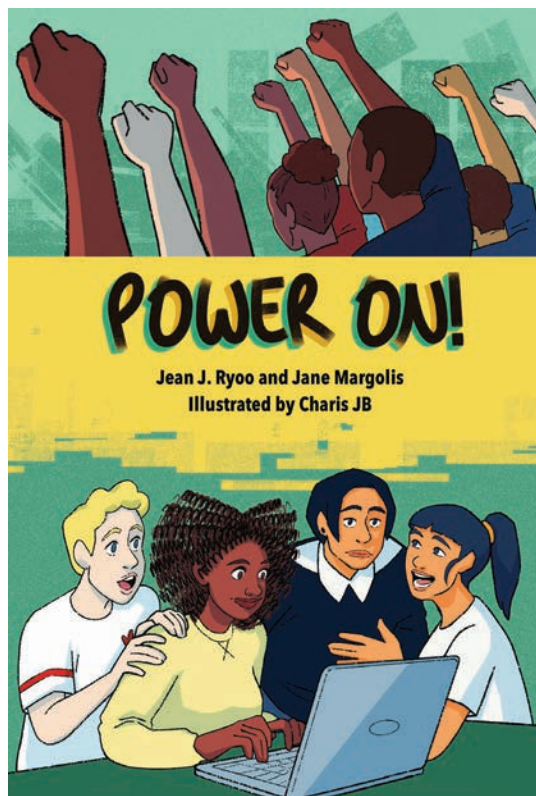
Jean J. Ryoo (she/her) is an avid reader of manga and manhwa, as well as an educational researcher/writer committed to ensuring that all students experience meaningful and empowering learning.

young adult fiction/graphic novels

6 3/4 x 10, 136 pp.

US \$19.95T/\$25.95 CAN paperback

978-0-262-54325-5



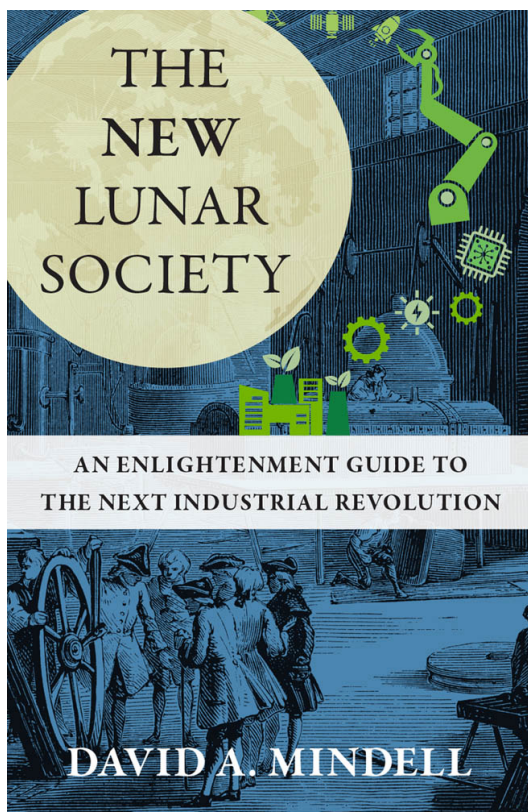
Texas Maverick Graphic Novels Reading List, 2023

"What a cool concept: This new graphic novel follows four friends who use computer science to make the tech world – and the world more broadly – a fairer, more equitable place. Make sure to share it with a young person in your life."

– Melinda French Gates

"Informative, impactful."

– Nina MacLaughlin, *The Boston Globe*



“Mindell, an engineer and a historian, realizes that innovation requires a combination of knowing and making, of mind and hand. Using the British experience in the 18th century to better understand our own age, he has written a deeply original and insightful book that once again proves how essential the Enlightenment was to the creation of modern economies.”

— Joel Mokyr, Professor of Economics and History,
Northwestern University, author of *The Enlightened
Economy*

The New Lunar Society

An Enlightenment Guide to the Next Industrial Revolution

David A. Mindell

How to create our industrial future with inspiration and lessons from the originators of the industrial revolution.

Climate change, global disruption, and labor scarcity are forcing us to rethink the underlying principles of industrial society. In *The New Lunar Society*, David Mindell envisions this new industrialism from the fundamentals, drawing on the eighteenth century when first principles were formed at the founding of the industrial revolution. While outlining the new industrialism, he tells the story of the Lunar Society, a group of engineers, scientists, and industrialists who came together to apply the principles of the Enlightenment to industrial processes. Those principles were collaboration, the marriage of practical and scientific knowledge, and the belief that the world could progress through making things.

The Lunar Society included pioneers like James Watt, Benjamin Franklin, and Josiah Wedgwood, and their conversations did no less than ignite the Industrial Revolution and shape the founding of the United States. Telling the stories of these makers in parallel with those of our current moment of crisis on multiple fronts, Mindell argues for a new industrialism. Optimistic but not utopian about our ability to build the world, *The New Lunar Society* shines a light on how a new generation can re-animate the best ideas of our thinking doer forebears and begin to build a future that is both realistic and human-centered.

David A. Mindell is Professor of Aerospace Engineering and Dibner Professor of the History of Engineering and Manufacturing at MIT. He has led or participated in more than 25 oceanographic expeditions, written seven books, and holds 34 patents in RF navigation, autonomous systems, and AI-assisted piloting. He is also Founder and Executive Chair of Humatics, a navigation technology company, and co-Founder of Unless, an investment firm that is catalyzing the next industrial revolution.

business/history

March

5 1/4 x 8, 272 pp.

4 b&w photos

US \$32.95T/\$43.95 CAN cloth

978-0-262-04952-8

THE WEAPONIZATION OF EXPERTISE

HOW ELITES FUEL POPULISM

JACOB HALE RUSSELL | DENNIS PATTERSON

The Weaponization of Expertise

How Elites Fuel Populism

Jacob Hale Russell and Dennis Patterson

The problem with expertise – and the dark side of the equation “knowledge = power.”

Experts are not infallible. Treating them as such has done us all a grave disservice—and, as *The Weaponization of Expertise* makes painfully clear, given rise to the very populism that all-knowing experts and their elite coterie decry. Jacob Hale Russell and Dennis Patterson use the devastating example of the COVID-19 pandemic to illustrate their case, revealing how the hubris of all-too-human experts undermined—perhaps irreparably—public faith in elite policymaking. Paradoxically, by turning science into dogmatism, the overweening elite response has also proved deeply corrosive of expertise itself—in effect, doing exactly what elite policymakers accuse their critics of doing.

A much-needed corrective to a dangerous blind faith in expertise, *The Weaponization of Expertise* identifies a cluster of pathologies that have enveloped many institutions meant to help referee expert knowledge, in particular a disavowal of the doubt, uncertainty, and counterarguments that are crucial to the accumulation of knowledge. At a time when trust in expertise and faith in institutions are most needed and most lacking, this work issues a stark reminder that a crisis of misinformation may well begin at the top.

Jacob Hale Russell is Associate Professor of Law at Rutgers Law School.

Dennis Patterson is Board of Governors Professor at Rutgers Law School and Professor of Legal Philosophy at Surrey Law School, UK. He is the author, with Michael Pardo, of *Minds, Brains, and Law*.

political science/current events

March

6 x 9, 336 pp.

US \$29.95T/\$39.95 CAN cloth

978-0-262-04959-7

Hard Talk

When Speech Is Difficult

Jonathan Cole

A moving, patient-centered portrait of the social importance of speech, from a medical expert known for his humanizing explorations of health.

Language comes to us through culture, environment, and family. Words embed over time, as we use our minds to comprehend them and then our mouths to say, mean, and own them. Without the ability to speak, or when talking becomes difficult, we face a challenge like few others, forced to reconnect with a world which assumes its communicators are eloquent vocally. In *Hard Talk*, Jonathan Cole takes a necessary look at the privilege of speech so we can better accommodate those for whom it presents problems.

Cole creates space for people with a variety of conditions, including cerebral palsy, vocal cord palsy, cleft palate, Parkinson's, and post stroke dysphasia, to describe in their own words what the experience of difficult speech is like. No struggle is the same. Each develops along its own axis of factors—cognitive, social, and physical—that lead to unique vulnerabilities as well as extraordinary moments of adaptation and resilience. One person finds social chatter becoming more problematic than work speech. Another grows alarmed as changes in speech begin to constrain inner thoughts. Some lose the ability to find or make words though they retain awareness, while others lose self-awareness but maintain fluent speech bereft of meaning.

Hard Talk reacquaints us with the social power of speech while affirming the humane value of listening. Cole also reflects on the neuroscientific advances we've made in understanding barriers to speech and how we might reduce them.

Jonathan Cole is a consultant in Clinical Neurophysiology at University Hospitals, Dorset, and Professor at Bournemouth University. He has written six narrative books, most recently *Chekhov's Sakhalin Journey: Doctor, Humanitarian, Writer*.

psychology

May

6 x 9, 256 pp.

2 b&w illus.

US \$32.95T/\$43.95 CAN cloth

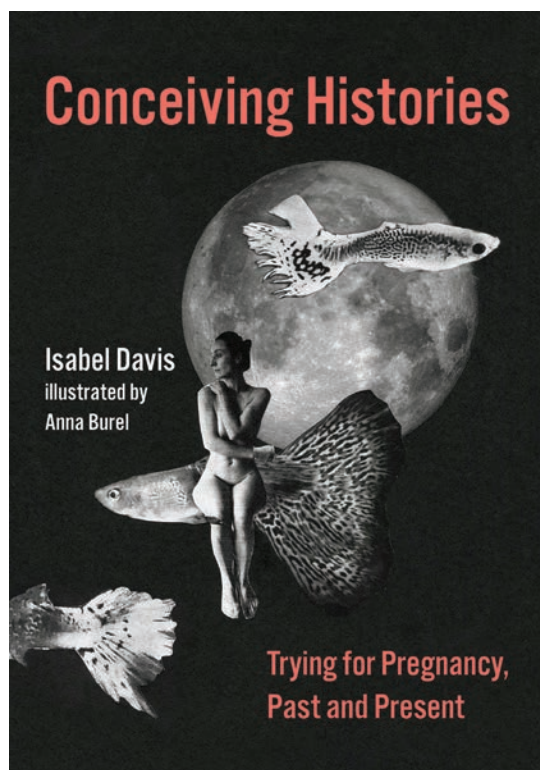
978-0-262-04956-6

Hard Talk

When Speech Is Difficult

Jonathan Cole





Conceiving Histories

Trying for Pregnancy, Past and Present

Isabel Davis

illustrated by Anna Burel

A fascinating and beautifully illustrated account of trying to conceive in both the past and the present.

Inspired by the author's own experience, *Conceiving Histories* brings together history, personal memoir, and illustration to investigate the culturally hidden experience of trying to conceive. In elegant, engaging prose, Isabel Davis explores the combination of myth, fantasy, science, and pseudo-science that the (un)reproductive body encounters in pursuit of a viable pregnancy. The book chronicles the trying-to-conceive lifecycle arc from sex education at school, through the desire to be a parent, into the specifics of trying and struggling to conceive. It also looks back at conception throughout history to open a new vista on what we live with today.

A central argument of Davis's is that historical people lived with the unknown just like we do but were more explicitly able to acknowledge it. In an age of assistive reproductive technologies, the act of embracing uncertainty seems difficult. Although the topic of not conceiving is potentially painful, this is not a grim book; more than grief, it is motivated by curiosity, wonder, compassion, and even humor. With 108 full-color illustrations, *Conceiving Histories* is also a beautiful material object, an intentionally playful antidote and supplement to Google—the resort of so many embroiled in fertility challenges.

Isabel Davis leads a research theme on Collections and Culture at the Natural History Museum in London, and she is Honorary Research Fellow at Birkbeck, University of London and Senior Visiting Research Fellow at the University of Reading.

social science/parenting

February

7 x 10, 304 pp.

108 color illus.

US \$39.95T/\$53.95 CAN cloth

978-0-262-04948-1



FEMINISM IN THE WILD

HOW HUMAN BIASES
SHAPE OUR UNDERSTANDING
OF ANIMAL BEHAVIOR

AMBIKA KAMATH AND MELINA PACKER

“Every student of animal behavior – from curious children to professional zoologists – should read this book. It makes plain the forces that have skewed our understanding of what animals do, and gives us a foundation upon which we can build a better science.”

– Ed Yong, author of *An Immense World* and *I Contain Multitudes*

“Smart and stimulating, *Feminism in the Wild* forces the reader to reconsider the lens through which we view the natural world. I highly recommend it.”

– Lucy Cooke, zoologist, documentary filmmaker; author of *BITCH: On the Female of the Species*

Feminism in the Wild

How Human Biases Shape Our Understanding of Animal Behavior

Ambika Kamath and Melina Packer

How dominant culture – from sexism and homophobia to racism, capitalism, ableism, and more – has limited the science of animal behavior, and how we can free ourselves from these limited perspectives.

In *Feminism in the Wild*, Ambika Kamath and Melina Packer reveal how scientists studying animal behavior have long projected human norms and values onto animals while seeking to understand them. When scientific studies conclude that these norms and values are *natural* in animals, it makes it easier to think of them as natural in humans too. And because scientists, historically and to this day, largely belong to elite, powerful segments of society, the norms and values embedded into animal behavior science match those of the already powerful. How can animal behavior science escape this trap of naturalizing dominant culture?

Drawing from decades of feminist, antiracist, queer, disability justice, and Marxist contributions—including those of biologists—Kamath and Packer break down persistent assumptions in the status quo of animal behavior science and offer a multitude of alternative approaches. Core concepts in animal behavior science and evolutionary biology—from sex categories and sexual selection to fitness, adaptation, biological determinism and more—are carefully contextualized and critically reexamined.

Ambika Kamath is trained as a behavioral ecologist and evolutionary biologist. She is a founding member of *Liminal*, a science communication collective. She lives in Oakland, California, on Ohlone land.

Melina Packer is Assistant Professor of Race, Gender, and Sexuality Studies at the University of Wisconsin, La Crosse, on Ho-Chunk Nation land. She is the author of *Toxic Sexual Politics*.

science/nature

March

6 x 9, 208 pp.

12 b&w illus.

US \$24.95/\$33.95 CAN paperback

978-0-262-04963-4

More Butch Heroes

Ria Brodell
foreword by Chris E. Vargas
with S. E. Fleenor

The much-anticipated sequel to *Butch Heroes*, an ingenious retelling of history that combines portraits and texts to recover – and celebrate – queer subjects from around the world.

Ingeniously conceived, Ria Brodell's *Butch Heroes* books recover and celebrate queer subjects obscured or misrepresented within the dominant narratives of history. *More Butch Heroes* presents 15 original paintings and biographies in the style of the first volume, *Butch Heroes*: slyly subverted Catholic holy cards featuring individuals who were assigned female at birth but who presented as masculine.

In this book, we meet queer individuals in their everyday lives, relaxing or working, enduring their struggles (which sometimes led to death or punishment), or simply living their lives with their partners or pets: Esther Eng stands with her camera in front of the Mandarin Theatre in San Francisco where she worked in the box office as a child. Tom fishes on the Fraser River in British Columbia. Joe sits astride his horse, ready for a day's work in Southwestern Idaho.

Brodell uses the format of the holy card in its traditional sense, as a means of remembrance and reverence, but also as a way to memorialize those who were often unjustly persecuted by the church. Each deeply researched portrait draws from social class, occupation, clothing, and environmental details of the time period, as well as artifacts, maps, journals, drawings, prints, or photos.

Ria Brodell is an artist, educator, and author based in Boston. Brodell has exhibited internationally and throughout the United States. Their work has appeared in *New York Magazine*, *The Guardian*, *ARTNews*, *The Boston Globe*, and *New American Paintings*, among other publications.

art | gender studies

April

6 x 9, 96 pp.

15 color illus.

US \$24.95T/\$33.95 CAN cloth

978-0-262-04987-0



Not Here, Not Now

Speculative Thought, Impossibility, and the Design Imagination

Anthony Dunne and Fiona Raby

What it means to design at a time when, for many people, the future seems to have become an impossibility.

When reality fails us, what can design do? Question design's relationship to reality, as Anthony Dunne and Fiona Raby do, in this exhilarating, yet thoughtful journey to the edges of science, philosophy, and literature to find new ways of thinking about the possible—and about the meaning, function, and place of design in that speculative world of “not here, not now.” A conceptual travelogue of sorts, *Not Here, Not Now* brings together words, images, and objects that capture, in design form, some of the ideas encountered along the way. Itself a design experiment, the book explores ways to bring these ideas into conversation with objects through imagined archives, libraries, glossaries, taxonomies, lists, tales, and essays.

The design responses in *Not Here, Not Now*—to a stone raft, e.g., or a vegetable lamb, swatches of imaginary colors, a pocket universe in the home, objects undergoing space-time collapse—are, like the most compelling utopias, impossible by design, aiming instead to nourish the creative, intellectual, and imaginative ground from which new possibilities, still unknown, might begin to emerge.

Anthony Dunne is University Professor of Design and Social Inquiry at The New School/Parsons in New York.

Fiona Raby is University Professor of Design and Social Inquiry at The New School/Parsons in New York. Her projects are included in several permanent collections, including the Museum of Modern Art, New York; the Victoria and Albert Museum, London; and the MAK, Vienna.

Together they are the award-winning partners behind the design studio Dunne & Raby. They are also Co-Directors of the Designed Realities Studio at The New School/Parsons in New York. Their books include *Hertzian Tales*, *Design Noir*, and *Speculative Everything*.

design

May

7 x 9, 360 pp.

180 color illus.

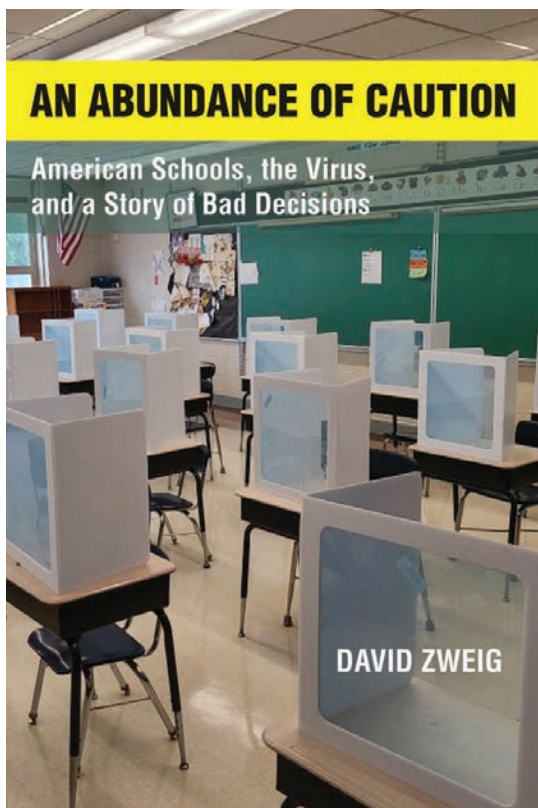
US \$39.95T/\$53.95 CAN cloth

978-0-262-04966-5

Not Here, Not Now



Speculative Thought. Impossibility. and the Design Imagination
Anthony Dunne & Fiona Raby



An Abundance of Caution

American Schools, the Virus, and a Story of Bad Decisions

David Zweig

A searing indictment of the American public health, media, and political establishments' decision-making process behind pandemic school closures.

An Abundance of Caution is a devastating account of the decision-making process behind one of the worst American policy failures in a century—the extended closures of public schools during the pandemic. In fascinating and meticulously reported detail, David Zweig shows how some of the most trusted members of society—from Pulitzer Prize-winning journalists to eminent health officials—repeatedly made fundamental errors in their assessment and presentation of evidence. As a result, for the first time in modern American history, healthy children were barred from school. Millions of them did not set foot in a classroom for more than a year.

All along, kids throughout Europe had been learning in person since the spring of 2020. Even many peers at home—in private schools, and public schools in mostly “red” states and districts—were in class full time from fall 2020 onward. Whatever inequities that existed among American children before the pandemic, the selective school closures exacerbated them, disproportionately affecting the underprivileged. Deep mental, physical, and academic harms—among them, depression, anxiety, abuse, obesity, plummeting test scores, and rising drop-out rates—were endured for no discernible benefit.

David Zweig is the author of the novel *Swimming Inside the Sun* and the nonfiction book *Invisibles*. He has testified twice before Congress as an expert witness on American schools during the pandemic, and his investigative reporting on the pandemic has been cited in numerous Congressional letters and a brief to the Supreme Court.

education

April

6 x 9, 480 pp.

14 b&w illus.

US \$39.95/\$53.95 CAN paperback

978-0-262-54915-8

Particles of Truth

A Story of Discovery, Controversy, and the Fight for Healthy Air

C. Arden Pope III and Douglas W. Dockery
foreword by Gina McCarthy

A compelling, real-life account of how scientists uncovered air pollution's deadly impact on human health – and the contentious battles to use key scientific evidence in the critical fight for clean air.

Particles of Truth is a riveting account of the discovery of the critical health effects of air pollution told by Arden Pope and Douglas Dockery, who have been at the frontlines of air pollution and health research for four decades. With an insightful foreword by former EPA Administrator Gina McCarthy, this compelling book provides an inside look at groundbreaking scientific research and ensuing political and public-policy battles. It presents convincing scientific evidence that air pollution is a major contributor to disease and death and that reducing air pollution saves lives. The book also delves into intense efforts to discredit and cast doubt on the science.

Through firsthand accounts, Pope and Dockery bring the scientific discoveries regarding the health effects of air pollution and accompanying controversies to life. They describe the real-world challenges of conducting impactful research when public health clashes with economic interests and politics.

C. Arden Pope III is a Karl G. Maeser Distinguished University Professor at Brigham Young University. Widely recognized as a leading expert on the health effects of air pollution, he has advised numerous scientific boards and committees and has received multiple research and teaching awards.

Douglas W. Dockery is the John L. Loeb and Frances Lehman Loeb Research Professor of Environmental Epidemiology, Emeritus at the Harvard T.H. Chan School of Public Health. He directed the Harvard-NIEHS Center for Environmental Health Sciences and chaired the Department of Environmental Health.

political science/environment

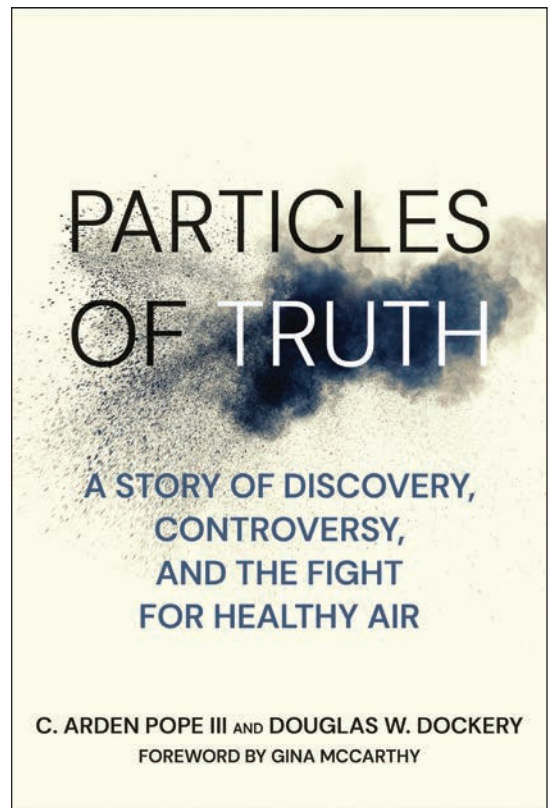
April

6 x 9, 256 pp.

30 b&w illus.

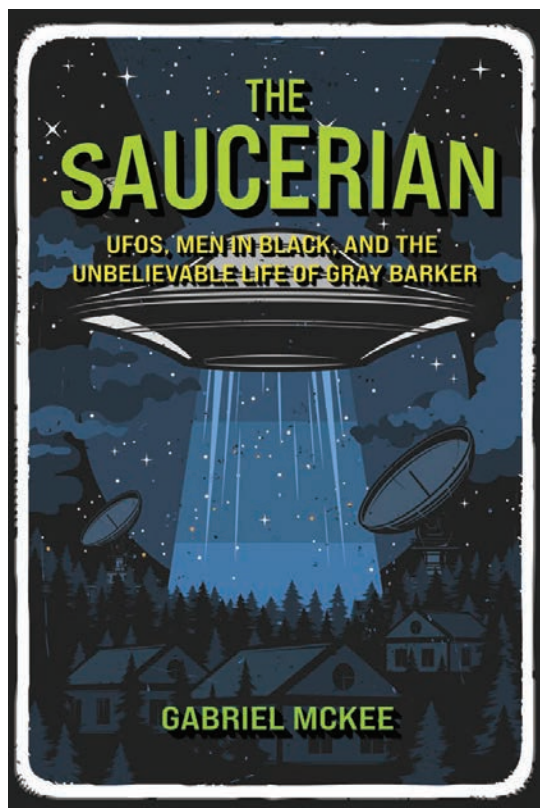
US \$29.95T/\$39.95 CAN cloth

978-0-262-55167-0



"The powerful story of brilliant and courageous public health heroes who conducted pioneering studies on the health effects of air pollution. Thanks to them, our air is cleaner, and we breathe easier and live longer."

– David Michaels, Former administrator of the Occupational Safety and Health Administration and author of *Triumph of Doubt*



The Saucerian

UFOs, Men in Black, and the Unbelievable Life of Gray Barker

Gabriel McKee

The strange, but true biography of the colorful founder of Saucerian Books, a central purveyor and promoter of flying saucer and conspiracist knowledge in the mid-twentieth century.

Gray Barker (1925–1984) was an eccentric literary outsider, filled with ideas that were out of step with the world. An author and unreliable narrator of implausible stories, Barker founded and operated Saucerian Books, an independent publisher of books about flying saucers and other ideas at the fringes of popular discourse. In *The Saucerian*, author Gabriel McKee tells the fascinating story of Barker's West Virginia-based press, the unique corpus of materials it published, and how office-copying and self-publishing techniques influenced the spread of paranormal beliefs and conspiratorial worldviews over the last century. Following the development of UFO subculture, McKee explores the life and career of a larger-than-life hoaxer and originator of pseudoscientific ideas.

Ever an entertainer, Barker established his reputation with one of the first flying saucer fanzines *The Saucerian* and with his first book, the conspiratorial and sensationalistic *They Knew Too Much About Flying Saucers*. By the close of the 1950s, he had established a publishing imprint that brought out some of the strangest UFO-related books of the era, with a particular emphasis on flying saucer contactees. From his place on the fringes of midcentury American culture, Barker left an unmatched legacy in conspiratorial concepts that have become prominent pop cultural folklore, including the Men in Black, the Mothman, and the Philadelphia Experiment.

Gabriel McKee is Librarian for Collections and Services at the Institute for the Study of the Ancient World at New York University. He is a coeditor of *Theology and the DC Universe*, and his prior works include *The Gospel According to Science Fiction*, *Pink Beams of Light from the God in the Gutter*, and *Evermore: The Persistence of Poe*.

biography

April

6 x 9, 352 pp.

21 b&w illus.

US \$32.95T/\$43.95 CAN cloth

978-0-262-04954-2

Accelerating Innovation

Competitive Advantage through Ecosystem Engagement

Philip Budden and Fiona Murray

A practical handbook for accelerating innovation, both internally and externally, through engagement with innovation ecosystems.

Leaders in large organizations face continuous pressure to innovate, and few possess all the internal resources needed to keep up with rapid advances in innovation, science, and technology. But looking beyond their own organizations, most face a bewildering landscape of external resources. In *Accelerating Innovation*, these leaders—whether from the private, public, or nonprofit sectors—will find a practical guide to this external landscape. Authors Phil Budden and Fiona Murray provide directions for navigating innovation ecosystems—those hotspots worldwide where researchers, entrepreneurs, and investors congregate.

While Silicon Valley and Greater Boston are popularly known for web-based digital technology and biotechnology respectively, the logic of innovation ecosystems is not solely American—so this guide takes in new locations and varied sectors such as Singapore (smart cities), Perth (mining), Cairo and Dubai (fintech), London and Lagos (fintech and media), Copenhagen (quantum computing), Rio de Janeiro (energy), Halifax (oceans), and Tel Aviv (cybersecurity).

Phil Budden is Senior Lecturer at MIT, where he teaches executives from public and private sectors and serves as diplomatic advisor for a range of courses and programs, including the MIT Regional Entrepreneurship Acceleration Program.

Fiona Murray is Professor and Dean at MIT and has served as an advisor to the UK Prime Minister on matters of science and technology policy for over a decade. She is a cofounder of the MIT Regional Entrepreneurship Acceleration Program and Vice Chair of the NATO Innovation Fund.

business

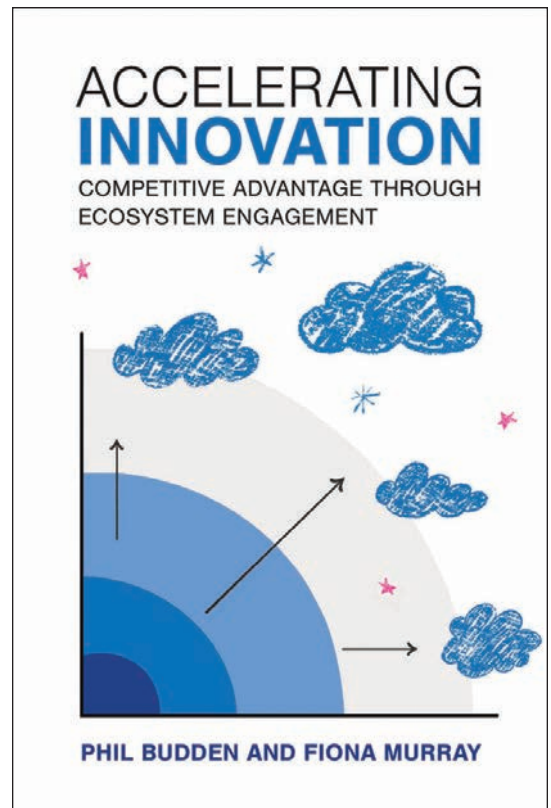
April

6 x 9, 248 pp.

16 b&w illus.

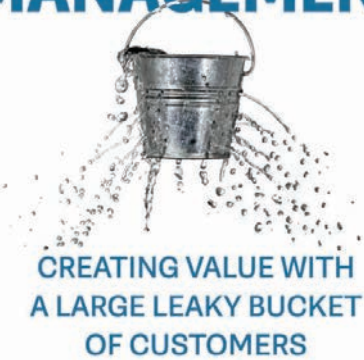
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Management on the Cutting Edge Series

CUSTOMER PORTFOLIO MANAGEMENT



FRED SELNES AND MICHAEL D. JOHNSON

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— Jan B. Heide, Michael Lehman Distinguished Chair
in Business, University of Wisconsin-Madison

Customer Portfolio Management

Creating Value with a Large Leaky Bucket of Customers

Fred Selnes and Michael D. Johnson

How to create value with all the customers in a portfolio, from the stronger relationships that increase profit margins to the weaker relationships that increase scale.

Which would you rather have: a smaller, watertight bucket of loyal customers or a larger, leaky bucket of both loyal and not-so-loyal customers? In *Customer Portfolio Management*, Fred Selnes and Michael Johnson argue that for most companies and organizations the larger leaky bucket is more valuable. While loyal customers are generally more profitable, the weaker, or “leaky,” relationships in a portfolio provide scale economies and a source of future loyal customers. The basic principle behind customer portfolio management (CPM), they explain, is to view a company’s market strategies as long-term investments in the strength of relationships over an entire portfolio of current and future customers.

This book helps business leaders understand when and how much to focus on acquiring customers, how to defend and leverage those relationships, and how to convert some of these relationships into stronger, more profitable ones.

Fred Selnes is Professor in the Department of Marketing, BI Norwegian School of Business. He has published academic articles in leading academic journals, written several books, consulted in more than 50 industries, and started four companies.

Michael D. Johnson is Dean and E.M. Statler Professor Emeritus at the Nolan School of Hotel Administration, SC Johnson College of Business, Cornell University, as well as Marketing Department Chair at the Wisconsin School of Business, University of Wisconsin-Madison. He has published over 100 academic articles and industry reports and five previous books and consulted in over 20 industries.

business

March

6 x 9, 144 pp.

15 figures

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978-0-262-04962-7

Blunt Instrument

Why Economic Theory Can't Get Any Better . . .
Why We Need It Anyway

Alex Rosenberg

Why economic theory – with no track-record of predictive success – is still an indispensable tool for protecting civilized life.

Economic theory has never gotten any better at prediction. Its explanations are always after the fact. The mathematical models economists have devoted themselves to for more than a century can't be improved to enhance their empirical relevance. But from this research program that never paid off, a very useful tool has emerged—game theory. It's just what civilized society needs to protect itself from the rapaciousness that condemns all markets to fail. In *Blunt Instrument*, Alex Rosenberg helps explain to outsiders exactly what they need to make sense of economic theory, and why despite its failures, it's still indispensable.

Economic theory is something we all should understand because the economy affects us all, and it is economic theorists who shape that economy for good or ill. This book draws back the curtain from the math and the graphs that deliver microeconomic and macroeconomic models. It demystifies the formidable looking equations, explaining the reasoning behind the math so that outsiders can decide on the theory's importance to their own thinking about the economy. Finally, it shows how game theory—the study of strategic choice—emerged from the outlandish idealizations of economic theory.

Alex Rosenberg is R. Taylor Cole Professor of Philosophy at Duke University (with secondary appointments in the biology and political science departments). He has held fellowships from the National Science Foundation, the American Council of Learned Societies, and the Guggenheim Foundation. In 1993 Alex received the Lakatos Award in the philosophy of science.

economics

March

6 x 9, 256 pp.

21 b&w illus.

US \$29.95T/\$39.95 CAN cloth

978-0-262-04965-8

"Alex Rosenberg draws back the curtain obscuring economic theory. Maybe he's even pulled the rug out from under it."—George Soros

Blunt Instrument

Why Economic Theory
Can't Get Any Better . . .
Why We Need It Anyway



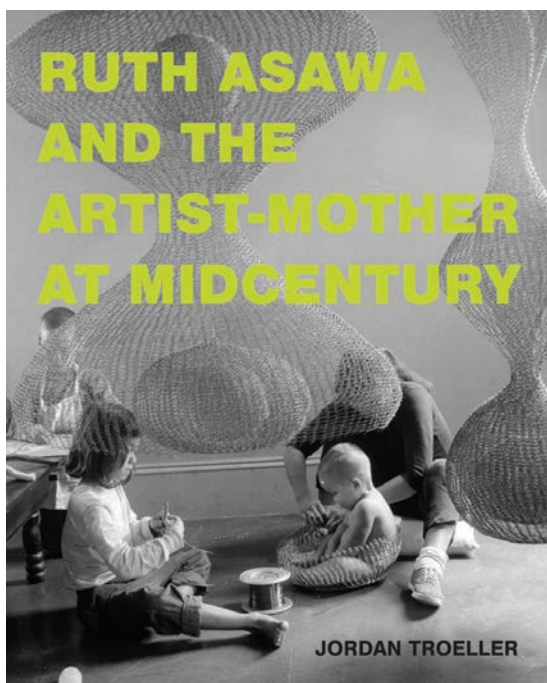
Alex Rosenberg

"Alex Rosenberg draws back the curtain obscuring economic theory. Maybe he's even pulled the rug out from under it."

— George Soros

"Alex Rosenberg presents an entertaining survey of the field that will be immensely useful to non-economists."

— Sean Carroll, author of *The Biggest Ideas in the Universe*



Ruth Asawa and the Artist-Mother at Midcentury

Jordan Troeller

How a group of artist-mothers in postwar San Francisco refused the centuries-old belief that a woman could not make art while also raising children.

For most of modern history, to be an artist and a mother was to embody a contradiction in terms. This “awful dichotomy,” as painter Alice Neel put it, pitted artmaking against caretaking and argued that the best art was made at the expense of family and futurity. But in San Francisco in the 1950s and 60s, a group of artists gathered around Ruth Asawa (1926–2013) began to reject this dominant narrative. In *Ruth Asawa and the Artist-Mother at Midcentury*, Jordan Troeller analyzes this remarkable moment. Insisting that their labor as mothers fueled their labor as artists, these women redefined key aesthetic concerns of their era, including autonomy, medium-specificity, and originality.

Delving into the archive, where the traces of motherhood have not yet been erased from official history, Troeller reveals Ruth Asawa’s personal and professional dialogue with several other artist-mothers—including Merry Renk, Imogen Cunningham, and Sally Woodbridge. For these women, motherhood was not an essentialized identity, but rather a means to reimagine the terms of artmaking, outside of the patriarchal policing of reproduction. This project unfolded in three broad areas, which also structure the book’s chapters: domesticity and decoration; metaphors for creativity; and maternal labor in the public sphere, especially in the public schools.

Jordan Troeller is Junior Professor of Contemporary Art and Aesthetic Practices at Leuphana Universität Lüneburg, where she leads the research group The M/Other Project: Creativity, Procreation, and Contemporary Art, funded by the VolkswagenStiftung.

“In this thoughtful and lucid book, art and life are inseparably interwoven. Troeller both centers maternity as a daily creative practice and situates it within an expansive matrix of intergenerational and extra-familial affections and relations.”

— David J. Getsy, Eleanor Shea Professor of Art History, University of Virginia, author of *Queer Behavior*

“Here we have an ideal model for how to upend longstanding patriarchal ideals of art-making, and to instead understand the artist-mother’s work through silence, fragmented form, and collaborative care.”

— Sarah Hamill, Professor of Modern and Contemporary Art, Sarah Lawrence College, author of *David Smith in Two Dimensions*

art

May

8 x 10, 344 pp.

83 color illus., 52 b&w illus.

US \$49.95T/\$65.95 CAN cloth

978-0-262-04949-8

KIMBERLY JUANITA BROWN



BLACK ELEGIES

MEDITATIONS ON THE ART OF MOURNING

ON SEEING

On Seeing series

Black Elegies

Meditations on the Art of Mourning

Kimberly Juanita Brown

A poignant, unflinching study of black grief as a form of elegy found in visual art, music, literature – everywhere, if you know how to see it.

In *Black Elegies*, Kimberly Juanita Brown examines the form of the elegy and its unique capacity to convey the elongated grief borne of sustained racial violence. Structured around the sensorial, the book moves through sight, sound, and touch to reveal what Okwui Enwezor calls the “national emergency of black grief.” With her characteristic literary skill, Brown analyzes the work of major figures including Toni Morrison, Carrie Mae Weems, Audre Lorde, and Marvin Gaye, among others.

Brown contemplates recognizable sites of mourning: forced migration and enslavement, bodily violations, imprisonment and death. And she examines sites that do not register immediately as archives of grief: the landscape of southern U.S. slave plantations, a spontaneous street party, a quilt constructed out of the clothing worn by a loved one, a dance performance to hold the memory of history, an aeolian harp installed at an institute of European art, among others. In this, the book offers a framework of mourning while black, within the parameters of contemporary artistic production. Brown asks: How do you mourn those you are not supposed to see? And where does the grief go? She shows us that grief is everywhere: “It spills out of photographs and modulates music. It hovers in the tenor and tone of cinematic performances. It resides in the body like an inspired concept, waiting for its articulation.”

Kimberly Juanita Brown is the inaugural director of the Institute for Black Intellectual and Cultural Life at Dartmouth College where she is also Associate Professor of English and creative writing. She is the author of *The Repeating Body: Slavery’s Visual Resonance in the Contemporary and Morte vivum: Photography and the Politics of the Visual*.

art/literature

February

5 x 7 3/4, 168 pp.

20 color illus., 15 b&w illus.

US \$19.95T/\$25.95 CAN paperback

978-0-262-55172-4

Differential Privacy

Simson L. Garfinkel

A robust yet accessible introduction to the idea, history, and key applications of differential privacy – the gold standard of algorithmic privacy protection.

Differential privacy (DP) is an increasingly popular, though controversial, approach to protecting personal data. DP protects confidential data by introducing carefully calibrated random numbers, called statistical noise, when the data is used. Google, Apple, and Microsoft have all integrated the technology into their software, and the US Census Bureau used DP to protect data collected in the 2020 census. In this book, Simson Garfinkel presents the underlying ideas of DP, and helps explain why DP is needed in today's information-rich environment, why it was used as the privacy protection mechanism for the 2020 census, and why it is so controversial in some communities.

When DP is used to protect confidential data, like an advertising profile based on the web pages you have viewed with a web browser, the noise makes it impossible for someone to take that profile and reverse engineer, with absolute certainty, the underlying confidential data on which the profile was computed. The book also chronicles the history of DP and describes the key participants and its limitations. Along the way, it also presents a short history of the US Census and other approaches for data protection such as de-identification and k-anonymity.

Simson L. Garfinkel researches and writes at the intersection of AI, privacy, and digital forensics. He is a fellow of the AAAS, the ACM, and the IEEE.

technology

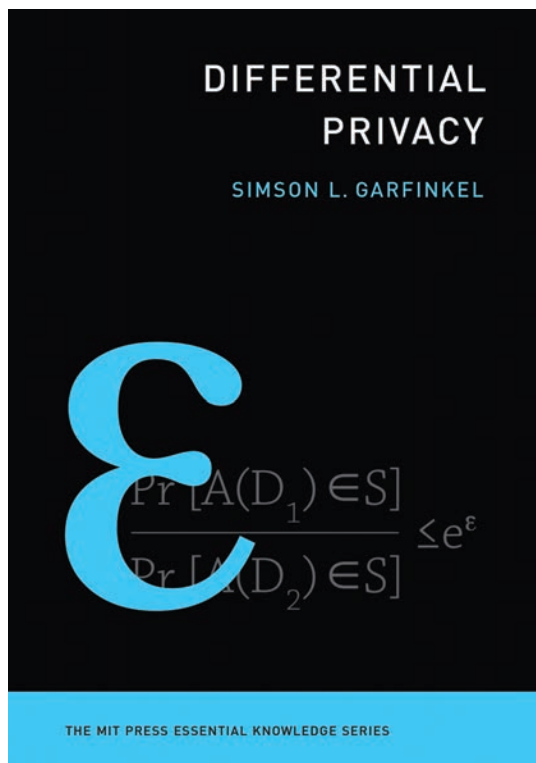
March

5 x 7, 256 pp.

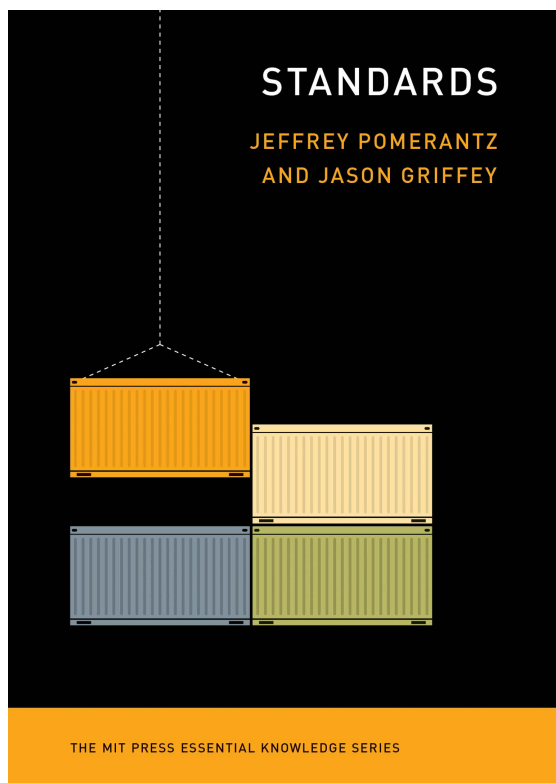
22 b&w illus.

US \$18.95T/\$24.95 CAN paperback

978-0-262-55165-6



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Standards

Jeffrey Pomerantz and Jason Griffey

An engaging introduction to standards, the invisible infrastructure that shapes the built and digital environments of the modern world.

Standards are the DNA of the built environment, encoded in nearly all objects that surround us in the modern world. In *Standards*, Jeffrey Pomerantz and Jason Griffey provide an essential introduction to this invisible but critical form of infrastructure—the rules and specifications that govern so many elements of the physical and digital environments, from the color of school buses to the shape of shipping containers.

In an approachable, often outright funny fashion, Pomerantz and Griffey explore the nature, function, and effect of standards in everyday life. Using examples of specific standards and contexts in which they are applied—in the realms of technology, economics, sociology, and information science—they illustrate how standards influence the development and scope, and indeed the very range of possibilities of our built and social worlds. Deeply informed and informally written, their work makes a subject generally deemed boring, complex, and fundamentally important comprehensible, clear, and downright engaging.

The MIT Press Essential Knowledge series

Jeffrey Pomerantz, cofounder of the educational technology company Proximal Design Labs and former professor of Library and Information Science, is the author of *Metadata*, also in the MIT Press Essential Knowledge Series.

Jason Griffey, Director of Strategic Initiatives at NISO, has been a professor and academic librarian at the University of TN at Chattanooga, a technology consultant, and a Fellow and Affiliate at the Berkman Klein Center for Internet & Society at Harvard University.

science

March

5 x 7, 240 pp.

8 b&w illus.

US \$16.95T/\$22.99 CAN paperback

978-0-262-54949-3

Phenology

Theresa M. Crimmins

On the timing of seasonal activity in plants and animals, the impact of climate change, and what each of us, as everyday phenologists, can do to help.

Phenology is all about timing—when trees leaf out, flowers bloom, birds migrate, animals bear young and hibernate—and it is everywhere around us. This handy companionable volume shows how we are all phenologists in our own way, and how the everyday science can help us make sense of the changing seasons and our changing world. Explaining how the phenomenon of phenology is threaded through our daily lives, Theresa Crimmins points to events that occur on an annual basis in plants' and animals' lives in response to fluctuations in daylength, temperatures, and rainfall patterns. She also covers less visible seasonal events, such as when roots typically begin to grow or when mushrooms release their spores.

The MIT Press Essential Knowledge series

Theresa M. Crimmins is Associate Professor in the School of Natural Resources and the Environment at the University of Arizona and Director of the USA National Phenology Network.



nature

March

5 x 7, 208 pp.

US \$16.95T/\$22.99 CAN paperback

978-0-262-55105-2

Animal Rights

Mark Rowlands

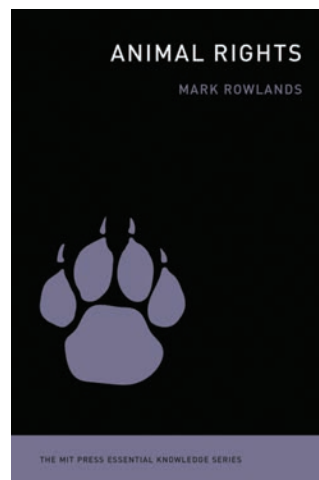
A fresh view of animals and what we owe them.

Do animals have moral standing? Do they count, morally speaking? In *Animal Rights*, Mark Rowlands argues that they do and explores the implications of this idea. He identifies three different waves in animal rights writing. The first wave was defined by a traditional dispute between utilitarianism (represented by Peter Singer) and rights-based approaches (represented by Tom Regan) to ethics. The second wave was defined by an expansion in a conception of ethics, which saw utilitarian and rights-based approaches supplemented by other ethical traditions, including contractualism, virtue ethics, and care ethics. The third wave was defined by an expansion in our conception of animals, driven by exciting new developments in the field of comparative psychology.

Each of these waves had ramifications for how we understand the moral status of animals, but, this book argues, and reinforces, the core idea that animals deserve moral respect.

The MIT Press Essential Knowledge series

Mark Rowlands is Professor and Chair of the Department of Philosophy at the University of Miami. He is the author of more than twenty books translated into more than twenty languages. His memoir *The Philosopher and the Wolf* became an international best seller.



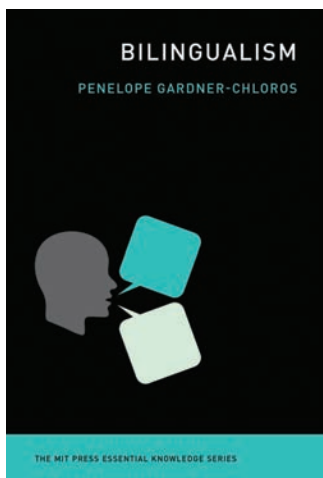
nature/philosophy

February

5 x 7, 224 pp.

US \$16.95T/\$22.99 CAN paperback

978-0-262-54940-0



Bilingualism

Penelope Gardner-Chloros

All about bilingualism, in science and in life: the benefits and controversies, the individual experience, and the social significance.

Nearly half the world's people are bilingual, but many have no clear understanding of what—aside from being fluent in more than one language—bilingualism means. This lively introduction by linguist Penelope Gardner-Chloros covers everything a bilingual (or curious monolingual) individual might want to know. The book discusses how bilingualism affects brain development and performance in the young and old, its social and political significance throughout time and around the globe, and how people experience and describe it.

linguistics

February

5 x 7, 244 pp.

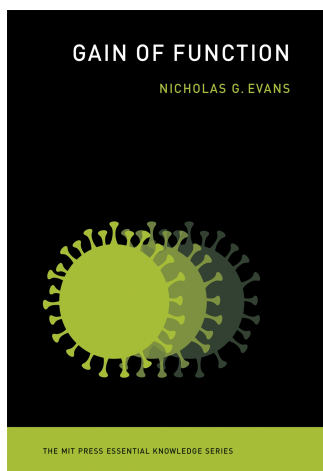
10 b&w illus.

US \$16.95T/\$22.99 CAN paperback

978-0-262-54943-1

The MIT Press Essential Knowledge series

Penelope Gardner-Chloros is Professor Emerita in Sociolinguistics and Language Contact at Birkbeck, University of London. She formerly worked as a conference interpreter for the European Union and the Council of Europe. She is the author of *Code-switching*.



Gain of Function

Nicholas G. Evans

How a small number of risky experiments creates many unwieldy problems for life science research.

The life sciences have never been more critical to human health, wealth, and security. But with any endeavor comes risk, and the last decade has seen concerns raised about gain-of-function-research in which a microbe, usually a virus, is given new properties like enhanced lethality, transmissibility, or the capability to infect new species. In 2021 the term seeped into the tabloids when a conflict between Senator Rand Paul and Dr. Anthony Fauci arose over the origins of COVID-19. In *Gain of Function*, Nicholas Evans—who has spent his career studying gain-of-function research—describes what this kind of research is, what it isn't, and why a small number of scientific experiments continues to make headlines.

science

February

5 x 7, 224 pp.

2 line drawings

US \$16.95T/\$22.99 CAN paperback

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The MIT Press Essential Knowledge series

Nicholas G. Evans is Associate Professor and Chair of the Department of Philosophy at the University of Massachusetts Lowell. He is the author of *War on All Fronts: A Theory of Health Security Justice*.

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The Greatest Adventure

John Taine

introduction by S. L. Huang

A scientifically-precipitated, out-of-control tale of evolution set in Antarctica – it predates Lovecraft’s *At the Mountains of Madness* – by a mathematician of note who also wrote science fiction.

In *The Greatest Adventure*, an expedition to Antarctica discovers remnants of an elder race with advanced technology. These ancients had discovered the secret of developing new life-forms . . . but when the mutations threatened to run amok, their creators entombed their entire civilization in ice. Intrepid aviatrix Edith Lane and her comrades must flee through caverns inhabited by the mutated monsters . . . and when frozen spores begin to thaw out, the planet is threatened by malign plant life! A tale of horror by John Taine—the pseudonym of mathematician Eric Temple Bell—that is not without moments of humor.

Radium Age series

Eric Temple Bell (1883–1960) was a mathematician who taught at the California Institute of Technology. The eponym of Bell polynomials and Bell numbers of combinatorics, his 1937 book *Men of Mathematics* would help to inspire Julia Robinson, John Forbes Nash, Jr., Andrew Wiles, and other future mathematicians. Writing as “John Taine,” he published many proto-sf novels.



science fiction

March

5 1/4 x 8, 288 pp.

US \$19.95T/\$25.95 CAN paperback

978-0-262-55142-7

The Hampdenshire Wonder

J. D. Beresford

introduction by Ted Chiang

In this pioneering science-fictional treatment of superhuman intelligence, a mutant wonder child’s insights prove devastating.

Science fiction luminary Ted Chiang introduces *The Hampdenshire Wonder*, one of the genre’s first treatments of superhuman intelligence. Victor Stott is a large-headed “supernormal” mutated in the womb by his parents’ desire to have a child born without habits. Known as “the Wonder,” Victor surveys humankind’s science, philosophy, history, literature, religion—the best that has been thought and said—and dismisses it brutally: “So elementary . . . inchoate . . . a disjunctive patchwork.”

Radium Age series

J.D. Beresford (1873–1947) was an English dramatist, journalist, and author. His proto-science fiction novels include *The Hampdenshire Wonder* (1911), *A World of Women* (1913), and *The Riddle of the Tower* (1944, with Esme Wynne-Tyson); he also wrote in the horror and ghost story genres. A great admirer of H.G. Wells, he wrote the first critical study of Wells in 1915. His daughter, Elisabeth Beresford (1926–2010), was creator of the literary and TV franchise *The Wombles*.



science fiction

March

5 1/4 x 8, 282 pp.

US \$19.95T/\$25.95 CAN paperback

978-0-262-55141-0

Fundamentals of Probability and Statistics for Machine Learning

Ethem Alpaydin

An introduction to topics on probability, statistics, and machine learning, intended for undergraduate and first-year graduate students in science and engineering. Alpaydin is the first to combine these elements into one course text.

This book is on learning from data, that is, machine learning (ML), which is the underlying technology of artificial intelligence that makes possible many recent applications, from ChatGPT to self-driving cars. It covers the basic material on probability/statistics (PS) together with an introduction to machine learning, as well as various applications. Many programming examples are included whose Python code will be made available to instructors.

The book differs from standard texts on machine learning in that it starts with the treatment of probability and statistics.

Ethem Alpaydin is Professor in the Department of Computer Engineering at Özyegin University and a member of the Science Academy, Istanbul. He is the author of the widely used textbook, *Introduction to Machine Learning* (MIT Press), now in its fourth edition.

computer science

December
7 x 9, 560 pp., 220 b & w ill.
US \$90.00 Hardcover
978-0-262-04981-8

Rewiring Democracy

How AI Will Transform Our Politics, Government, and Citizenship

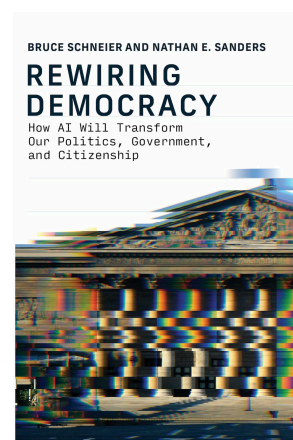
Bruce Schneier and Nathan E. Sanders

From the New York Times–bestselling author of *The Hacker's Mind* and *Data & Goliath*, an informative and wide-ranging exploration of how AI will alter every facet of democracy, and how to harness the technology to distribute rather than concentrate power.

In this highly readable and advisedly optimistic book, *Rewiring the Republic*, security technologist Bruce Schneier and data scientist Nathan Sanders cut through the AI hype and examine the myriad ways that AI could dramatically change every aspect of democracy— for both good and ill.

Bruce Schneier is an internationally renowned security technologist and the New York Times bestselling author of 14 books, including *A Hacker's Mind*. He is Lecturer at the Harvard Kennedy School, a board member of EFF, and Chief of Security Architecture at Inrupt, Inc.

Nathan E. Sanders is a data scientist focused on making policymaking more participatory. His research spans machine learning, astrophysics, public health, environmental justice, and more. He has served in fellowships at the Massachusetts legislature and the Berkman-Klein Center at Harvard University.



technology and society

October
5 1/4 x 8, 160 pp.
US \$27.95 Hardcover
978-0-262-04994-8

Crush

Uncovering the Mysteries of Gravity

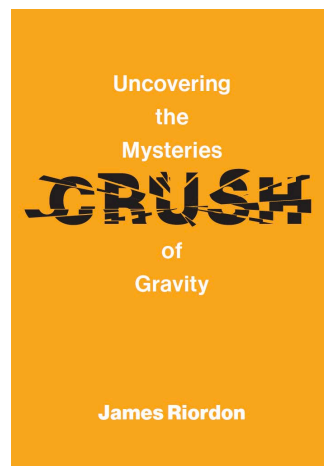
James Riordon

The fascinating story of gravity, from its intimate role in our daily lives to its cosmic significance.

Gravity is at once familiar and mysterious. It's the reason for the numbers on your bathroom scale, the intricate dance of the stars and planets, and the evolution and eventual fate of the universe. In *Crush*, James Riordon takes readers on a tour of gravity from its vanishing insignificance on the microscopic scale to its crushing extreme inside black holes.

A fascinating and memorable read, *Crush* examines our personal relationships with gravity; explores gravity's role in making the universe uniquely hospitable for life; and even reveals how the mundane flow of water in your kitchen sink offers a glimpse into the secrets of black holes.

James Riordon is a writer with the Earth Science News Team at NASA's Goddard Spaceflight Center. A former president of the DC Science Writers Association and the cofounder of the Southwest Science Writers Association, he has written for *Science News*, *New Scientist*, *The Washington Post*, *Scientific American*, *Physics Today*, and *Quanta Magazine*, and is a coauthor of *Ghost Particle* (MIT Press).



science

October
6 x 9, 232 pp.
US \$29.95 Hardcover
978-0-262-05098-2

An Alphabet for Dreamers

How to See the World with Eyes Closed

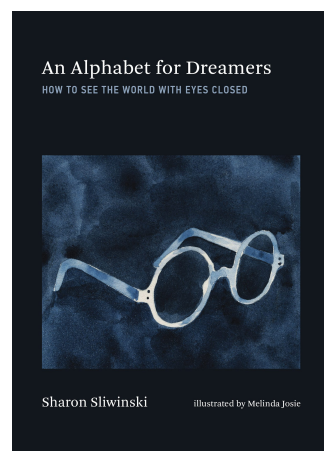
Sharon Sliwinski. Illustrated by Melinda Josie

A captivating and trailblazing look at how dreams serve as one of our most powerful ways to understand—and radically change—our world.

Borrowing from the traditional alphabet book genre for children, *An Alphabet for Dreamers* provides adult readers with a new grammar for dreams, or what neuroscientist Sidarta Riberio calls “oracles of the night.” In this book, Sharon Sliwinski restores dreaming to its proper place as an important worldmaking activity, one that offers a gateway to another way of seeing. Each of the short 26 chapters engages a dream from the historical record—from both the recent and distant past—to show how these experiences can help make sense of profound social conflicts and transform our shared reality.

By working alongside dreamers from the past and present, *An Alphabet for Dreamers* begins a new and much-needed conversation about the social and political importance of dream life.

Sharon Sliwinski is Professor of Information & Media Studies at Western University in Canada. Previous books include *Human Rights in Camera* (Chicago 2011), *Dreaming in Dark Times* (Minnesota 2017), and *Photography and the Optical Unconscious* (Duke 2017).



social sciences

October
5 x 7, 192 pp., 43 color ills.
US \$24.95 Hardcover
978-0-262-04979-5

Flash Teams

Leading the Future of AI-Enhanced, On-Demand Work

Melissa Valentine and Michael S. Bernstein

A dramatic new future of work in which managers assemble exactly the expertise they need—within minutes.

Gone are the days of static organizational charts and staffing based on the manager's rolodex and intuition. Now you can recruit any expertise you need from a global online network within minutes: an on-demand, on-the-spot expert at the exact moment that you need their help. Industries are already being transformed by this new approach to teaming. Flash Teams arms leaders, managers, and entrepreneurs with the tools they need to accomplish their goals with confidence, speed, and agility.

Melissa Valentine is Associate Professor of Management Science at Stanford University, where she co-directs the Center for Work, Technology, and Organization. She has been awarded an NSF CAREER award, and her work has been featured in The New York Times, The Wall Street Journal, Harvard Business Review, Wired, Fast Company, and Financial Times.

Michael S. Bernstein is Associate Professor of Computer Science at Stanford University, where he is a Bass University Fellow. His research has been reported in venues such as The New York Times, Wired, Science, and Nature.



business

October
6 x 9, 240 pp., 19 figures
US \$32.95 Hardcover
978-0-262-04984-9

What Is Intelligence?

Lessons from AI about Evolution, Computing, and Minds

Blaise Agüera y Arcas

What intelligence really is, and how AI's emergence is a natural consequence of evolution.

It has come as a shock to some AI researchers that a large neural net that predicts next words seems to produce a system with general intelligence. Yet this is consistent with a long-held view among some neuroscientists that the brain evolved precisely to predict the future—the “predictive brain” hypothesis.

In What Is Intelligence?, Blaise Agüera y Arcas takes up this idea—that prediction is fundamental not only to intelligence and the brain, but to life itself—and explores the wide-ranging implications. These include radical new perspectives on the computational properties of living systems, the evolutionary and social origins of intelligence, the relationship between models and reality, entropy and the nature of time, the meaning of free will, the problem of consciousness, and the ethics of machine intelligence.

Blaise Agüera y Arcas is a VP/Fellow at Google, where he is the CTO of Technology & Society and founder of Paradigms of Intelligence, an organization dedicated to fundamental AI research. He is the author of Who Are We Now?, and his research has included work on privacy-preserving machine learning, on-device AI, large language models, and human identity.

artificial intelligence, technology
and society

September
6 x 9, 400 pp., 38 b & w ills.
US \$34.95 Hardcover
978-0-262-04995-5

That Book Is Dangerous

How Moral Panic, Social Media, and the Culture Wars Are Remaking Publishing

Adam Szetela

An alarming exposé of the new challenges to literary freedom in the age of social media—when anyone with an identity and an internet connection can be a censor.

In the past decade and a half, there is no doubt that American literature, especially children's and YA literature, has become more inclusive—an important gain for social justice and minority representation. However, the movement for more diverse and sensitive books has also resulted in unintended and disastrous outcomes. In *That Book Is Dangerous!*, Adam Szetela investigates how well-intentioned and often successful efforts to diversify American literature have also produced serious problems for literary freedom. While progressives are correct to be focused on the Right's attempts at legislative censorship, Szetela argues, what is happening on the Left should be equally, if not more, disturbing, given the Left's greater influence inside publishing itself.

Adam Szetela is a Ph.D. student in the Department of Literatures in English at Cornell University. Before that, he was a visiting fellow in the Department of History at Harvard University. He writes for *The Washington Post*, *The Guardian*, *Newsweek*, and other publications.



literature and society

August
6 x 9, 280 pp.
US \$29.95 Hardcover
978-0-262-04985-6

The Hypocrisy Trap

How Changing What We Criticize Can Improve Our Lives

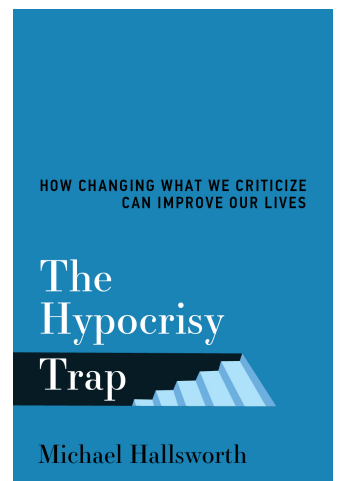
Michael Hallsworth

How our desire to stamp out hypocrisy is backfiring—and how learning to target our criticisms better can improve our politics, business, and personal relationships.

In our increasingly distrusting and polarized nations, accusations of hypocrisy are everywhere. But the strange truth is that our attempts to stamp out hypocrisy often backfire, creating what Michael Hallsworth calls *The Hypocrisy Trap*. In this groundbreaking book, he shows how our relentless drive to expose inconsistency between words and deeds can actually breed more hypocrisy or, worse, cynicism that corrodes democracy itself.

Through engaging stories and original research, Hallsworth shows that not all hypocrisy is equal. While some forms genuinely destroy trust and create harm, others reflect the inevitable compromises of human nature and complex societies. *The Hypocrisy Trap* offers practical solutions: ways to increase our own consistency, navigate accusations wisely, and change how we judge others' actions.

Michael Hallsworth, PhD, is a leading figure in applying behavioral science to real-world challenges. For the last 20 years he has been an official and an advisor for governments around the world. He has co-authored the book *Behavioral Insights*, built a 250-person consultancy business, and held positions at Princeton University, Columbia University, Imperial College London, and the University of Pennsylvania.



social psychology

October
6 x 9, 296 pp.
US \$29.95 Hardcover
978-0-262-05094-4

Technology for Good

How Nonprofit Leaders Are Using Software and Data to Solve Our Most Pressing Social Problems

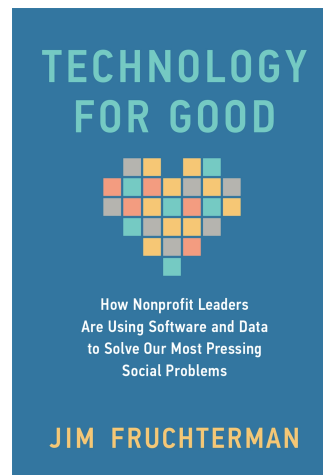
Jim Fruchterman

A visionary guide to using technology for positive social change, from a MacArthur genius awardee, former rocket engineer, and passionate leader in the social enterprise movement.

The accepted wisdom in big business is that the only worthy ideas are ones that make a lot of money, preferably billions. But Jim Fruchterman believes there is a different path for technology. What if tech returned to its roots and made people more effective and powerful? Even bolder, what if the benefits of technology came to the 90% of humanity traditionally neglected by for-profit companies in favor of immense profits gained by focusing on the richest 10%?

In *Technology for Good*, Fruchterman explores that question and delivers a comprehensive how-to for leaders who want to create, expand, join, support, and improve organizations that see building technology as a key element of delivering on their social good mission.

Jim Fruchterman is a leading social entrepreneur, MacArthur Fellow, and a recipient of the Skoll Award for Social Entrepreneurship. He is the founder of Benetech, an award-winning tech nonprofit. He also leads Tech Matters, a tech nonprofit that develops open-source software for crisis response and climate adaptation.



business/leadership

September
6 x 9, 216 pp..
US \$29.95 Hardcover
978-0-262-05097-5

Somebody Should Do Something

How Anyone Can Help Create Social Change

Michael Brownstein, Alex Madva, and Daniel Kelly

In this pioneering science-fictional treatment of superhuman intelligence, a mutant wonder child's insights prove devastating.

Changing the world is difficult. One reason is that the most important problems, like climate change, racism, and poverty, are structural. They emerge from our collective practices: laws, economies, history, culture, norms, and built environments. The dilemma is that there is no way to make structural change without individual people making different—more structure-facing—decisions. In *Somebody Should Do Something*, Michael Brownstein, Alex Madva, and Daniel Kelly show us how we can connect our personal choices to structural change and why individual choices matter, though not in the way people usually think.

Michael Brownstein is Professor and Chair of Philosophy at John Jay College and Professor of Philosophy at The Graduate Center, CUNY. He is the author of *The Implicit Mind*.

Alex Madva is Professor of Philosophy, Director of the California Center for Ethics and Policy, and Co-Director of the Digital Humanities Consortium at Cal Poly Pomona. He is a coeditor of *An Introduction to Implicit Bias and The Movement for Black Lives*.

Daniel Kelly is Professor of Philosophy at Purdue University. He is the author of *Yuck! The Nature and Moral Significance of Disgust* (MIT Press).

philosophy/social sciences

September
6 x 9, 352 pp..
US \$32.95 Hardcover
978-0-262-04978-8

Sentido

Finding Sense and Purpose in Design Leadership

Alison Rand

Part-memoir, part-guidebook, an inspiring account of the power of design, diversity, and sisterhood from a seasoned design leader.

Sentido chronicles strategic designer Alison Rand's journey as a multi-ethnic woman from New York City—NuYorican—through a male-dominated, largely white corporate world to becoming a design leader. The book—which derives its title from the Spanish word for “sense” or “to make sense of”—offers practical insights and inspiring stories about the importance of embracing and celebrating one's personal and professional experience. A pathbreaking guide for aspiring leaders, particularly women and underrepresented minorities, it showcases how empathy, creativity, and iterative problem-solving can be powerful tools in navigating—and excelling in—corporate environments.

Alison Rand is a seasoned corporate finance professional and former C-suite executive with broad experience in financial management, corporate strategy, investor relations, and risk management. She is the retired Chief Financial Officer of Primerica (NYSE: PRI), an insurance, investment, and financial services distribution firm with more than 140,000 independent agents.

design/memoir

October
5 1/4 x 8, 208 pp., 32 b & w ills.
US \$ 27.95 Hardcover
978-0-262-04990-0

Fall 2025 Essential Knowledge Series

Inflation

Martha Olney

From an award-winning professor of economics, an accessible and comprehensive introduction to what causes, and what can address, increases in the cost of living.

September
5 x 7, 304 pp.
US \$16.95 paperback
978-0-262-55315-5

Large Language Models

Stephan Raaijmakers

An in-depth history of Large Language Models—and what their ubiquity, disruption, and creativity mean from a wider sociopolitical perspective.

October
5 x 7, 192 pp.
US \$16.95 paperback
978-0-262-55269-1

Biological Rhythms

Daniel B. Forger

The secret language of your vital signs—and how to read and understand it..

September
5 x 7, 256 pp.
US \$16.95 paperback
978-0-262-55314-8

Playing at the World, 2E

Three Pillars of Role-Playing Games

Volume 2

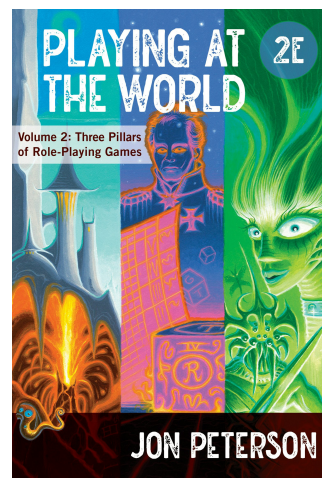
Jon Peterson

The second volume of two in a new, updated edition of the 2012 book *Playing at the World*, which charts the vast and complex history of role-playing games.

This new edition of *Playing at the World* is the second of two volumes that update the 720-page original tome of the same name from 2012. This second volume is *The Three Pillars of Role-Playing Games*, a deep dive into the history of the setting, system, and characters of D & D—the three pillars indicated by the volume's title. (The first volume of the new edition is *The Invention of Dungeons & Dragons*, which explores the publication and reception of that iconic game.)

Game Histories series

Jon Peterson is a *New York Times*–bestselling author and Hugo Award finalist. He is the author of *The Elusive Shift* and *Game Wizards* and the coauthor of *Dungeons & Dragons: Art & Arcana*, *Lore & Legends*, and *Heroes' Feast: The Official Dungeons & Dragons Cookbook*, as well as its sequel *Flavors of the Multiverse*.



game studies

April
6 x 9, 768 pp.
52 b&w illus.
US \$55.00X/\$73.00 CAN
paperback
978-0-262-55231-8

Autotheories

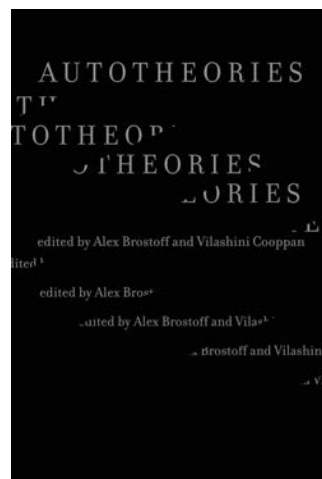
edited by Alex Brostoff and Vilashini Cooppan

A transdisciplinary array of authors offering a new frame of reference for autotheory and its genre-bending synthesis of autobiography and critical theory.

Autotheories tells the story of a field in formation. Building on traditions that have long fused life writing, philosophical encounter, embodied theorizing, and cultural critique, autotheory issues new practices of critical theory. Transgressing generic boundaries and bridging stylistic registers, it crafts language that is intimate, analytic, playful, and insurgent. Editors Alex Brostoff and Vilashini Cooppan underscore autotheory's multiple genealogies and genre-bending forms while situating it against the contemporary political field. In this collection, autotheory emerges as a strut (of style), a straddle (of disciplines), a proliferation (of selves), an axis (of identifications), an index (of attachments), and an archive (of loves).

Alex Brostoff is Assistant Professor of English at Kenyon College. An interdisciplinary scholar and translator, they are the coeditor of a special issue of *ASAP/Journal* on autotheory.

Vilashini Cooppan is Professor of Literature and Critical Race and Ethnic Studies at the University of California at Santa Cruz and the author of *Worlds Within: National Narratives and Global Connections in Postcolonial Writing*.



literature/art

February
6 x 9, 296 pp.
US \$35.00X/\$48.00 CAN paperback
978-0-262-55229-5

Cloud: Between Paris and Tehran

Kiarostami/
Corbin/Lacan

Joan
Copjec

Short Circuits series

Cloud: Between Paris and Tehran

Kiarostami/Corbin/Lacan

Joan Copjec

A theoretical examination of veiling, shame, and modesty in the films of the Iranian director Abbas Kiarostami through the lenses of Islamic philosophy and Lacanian psychoanalysis.

In *Cloud: Between Paris and Tehran*, Joan Copjec examines the films of the Iranian director Abbas Kiarostami. The key to these films, she argues, lies in the image of a fragile yet sheltering tree that appears in several of his films. This simple image depicts a central concept of Islamic philosophy, which is known as the “Cloud” or the “Imaginal World.” It designates the place out of which all the things of this world manifest themselves and “covers,” or veils, that which must remain hidden.

Short Circuits series, edited by Slavoj Žižek

Joan Copjec is Professor of Modern Culture & Media at Brown University. She is the author of *Read My Desire: Lacan Against the Historicists* and *Imagine There's No Woman: Ethics and Sublimation*. She was editor of the S book series at Verso, as well as editor of *October* and editor and cofounder of *Umbr(a)*.

philosophy

May

6 x 9, 216 pp.

US \$35.00X/\$48.00 CAN

paperback

978-0-262-55239-4

Fail Better

Reckonings with Artists and Critics

Hal Foster

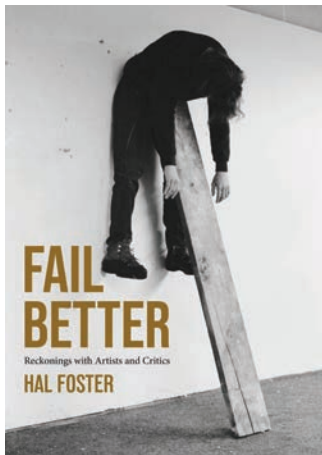
From the distinguished art critic and historian, vital essays on key artists and critics, revealing how they redefined art and criticism over the last six decades.

“Serious art anticipates the future as much as it reflects the present,” Hal Foster remarked in a 2015 interview. “By the same token serious art history is driven by the present as much as it is informed by the past.” In *Fail Better*, Foster, an art critic and historian whose influential work spans disciplines and decades, brings this peripatetic perspective to contemporary art, art criticism, art history, and his own work over the past 50 years.

“*Fail Better* is a masterwork, offering us the companionship, across the years, of a superlative mind.”

— Rivka Galchen, staff writer, *The New Yorker*; author of *Everyone Knows Your Mother Is a Witch*

Hal Foster is the Townsend Martin Class of 1917 Professor of Art & Archaeology at Princeton University. He is the author of *What Comes After Farce?* and *Brutal Aesthetics*, among other books. A member of the American Academy of Arts and Sciences, he coedits *October* and writes regularly for *The London Review of Books*.



art

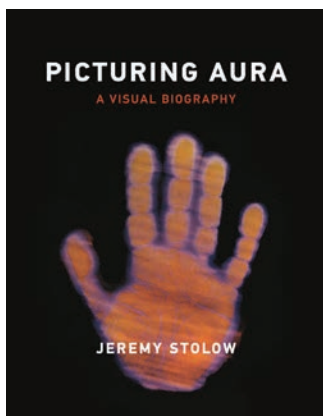
February

6 3/4 x 9 1/2, 400 pp.

64 color illus., 20 b&w illus.

US \$35.00X/\$48.00 CAN paperback

978-0-262-55235-6



Picturing Aura

A Visual Biography

Jeremy Stolow

The remarkable history of efforts to visualize the human aura and its impact on religion, science, art, and culture.

Picturing Aura is the first book of its kind: an extended historical, anthropological, and philosophical study of modern efforts to visualize the hidden radiant force encompassing the living body, known as our aura. This rich, interdisciplinary study by Jeremy Stolow chronicles the rise and global spread of modern instruments and techniques of picturing aura, from the late nineteenth century to the present day, exploring how its pictures are put to work in the diverse realms of psychical research, esotericism, art photography, popular culture, and the New Age alternative medical and spiritual marketplace.

Jeremy Stolow is Professor of Communication Studies at Concordia University, Montréal, Canada. Among his publications are the books *Orthodox by Design* and *Deus in Machina*.

art/science

April
7 x 9, 376 pp.
63 color illus., 20 b&w illus.
US \$50.00X/\$66.00 CAN paperback
978-0-262-55174-8

Planetary Eating

The Hidden Links between Your Plate and Our Cosmic Neighborhood

Gidon Eshel

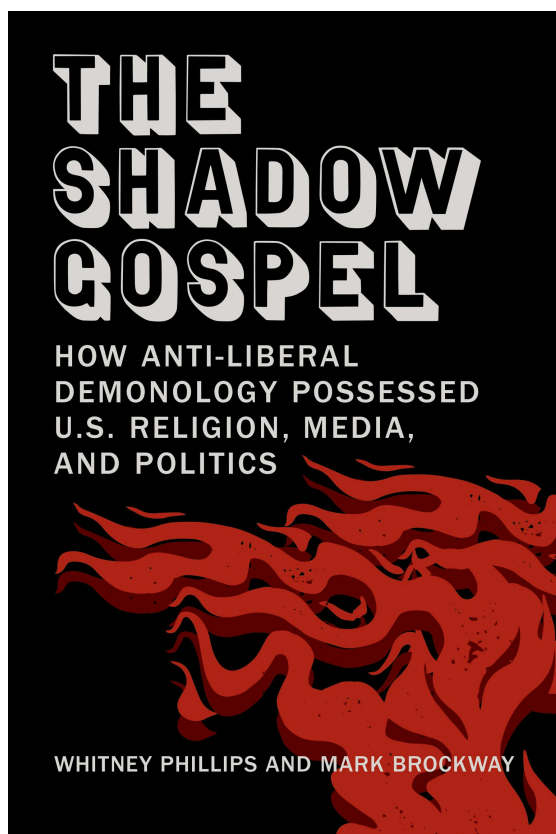
A scientifically rigorous guide to making the best dietary choices for both our personal health and our environmental footprint.

Many of us try our best to eat foods that are healthy and environmentally sustainable. But are we getting it right? Which foods amount to “wise” choices, and which ones are best avoided? Common views often range widely and are sometimes even contradictory. Likely most unfortunate is conscientious individuals who go to great lengths in their quest to minimize environmental impacts following the wrong advice. In *Planetary Eating*, Gidon Eshel aims to minimize such misuse of good will by providing scientifically untrained readers with the tools needed to make the best choices for themselves and for our planet.

Gidon Eshel is Research Professor at Bard. He completed a postdoc at the Harvard Center for Planetary Physics, where he was a NOAA Global and Climate Change Fellow, and received a Radcliffe Fellowship in 2016. He has written tens of papers on the geophysics of food.

social science/food

July
6 x 9, 296 pp.
4 b&w illus.
US \$35.00X/\$48.00 CAN paperback
978-0-262-55214-1



The Shadow Gospel

How Anti-liberal Demonology Possessed U.S. Religion, Media, and Politics

Whitney Phillips and Mark Brockway

A novel account of the culture wars and Evangelical influence in the US that traces the rise of a quasi-religious anti-liberal demonology.

When people talk about the chaotic, increasingly precarious political landscape in the United States, they often blame polarization and the culture wars. In *The Shadow Gospel*, Whitney Phillips and Mark Brockway tell a very different story. Analyzing 80 years of densely overlapping religious and secular messages preaching the dangers of liberalism, the book argues that the fracture and chaos in US politics isn't the result of a clean split between left and right. Instead, it's a split between the shadow gospel's quasi-religious anti-liberal demonology—the vague sense that an evil leftist force is threatening to destroy American society—and the people accused of being the liberal devil.

Whitney Phillips is Assistant Professor of Digital Platforms and Media Ethics in the School of Journalism and Communication at the University of Oregon. She is the author of *You Are Here* (MIT Press) and *Share Better and Stress Less* (Candlewick Press/MIT Teen).

Mark Brockway is Assistant Teaching Professor in Political Science at Syracuse University.

political science

April

6 x 9, 304 pp.

US \$40.00X/\$54.00 CAN paperback

978-0-262-55227-1

The First and Last Bank

Climate Change, Currency, and a New Carbon Commons

Gustav Peebles

drawings by Benjamin Luzzatto

A groundbreaking approach to currency and community that may allow us to seize carbon from the atmosphere – and help reduce the worst impacts of climate change.

Through the ages, currencies have been based on all manner of objects—from tobacco leaves to salt, to gold, to collateralized debt obligations. The only thing that this odd assortment of objects shares is the communal belief that these objects could harness and direct economic growth that they were, in a sense, fertile. In *The First and Last Bank*, Gustav Peebles and Ben Luzzatto propose that atmospheric carbon could be seen anew as fertile in this same sense. In other words, carbon, rather than loom as waste in our skies, could instead be “drawn down” to the earth by millions of currency users and the communally owned banks they rely on, where it could serve as a foundation of new biological life.

Seeing currency as a powerful tool for collective action, the authors argue that dovetailing developments in digital currencies and the biosequestration of carbon have, together, made a new and radical intervention in the climate battle possible: a nonproprietary currency backed by sequestered carbon. This new currency would be managed via Wikipedia-style open-source policies that privilege sustainability and equity over endless growth and pollution.

One Planet series

Gustav Peebles is Associate Professor of Anthropology at The New School in New York City and Chair of Global Studies. His research is focused on the history of monetary policy.

Ben Luzzatto is an interdisciplinary artist and professor at The Maryland Institute College of Art in Baltimore.

environment/economics

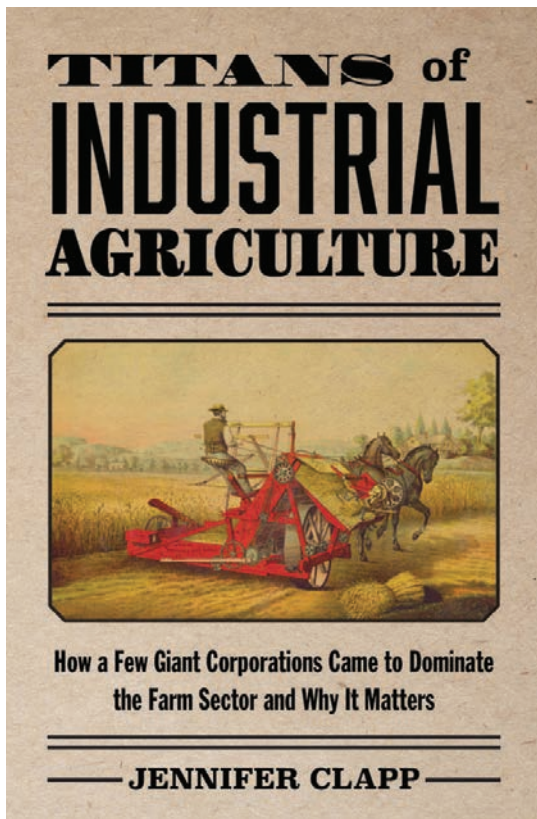
May

6 x 9, 264 pp.

16 b&w illus.

US \$40.00T/\$54.00 CAN paperback

978-0-262-04964-1



One Planet series

“Wondering how corporations turned the rural landscape into a poisonous cesspool? Read this book.”

— Deborah Fitzgerald, Leverett Howell and William King Cutten Professor Emerita, Program in Science, Technology, and Society, MIT

Titans of Industrial Agriculture

How a Few Giant Corporations Came to Dominate the Farm Sector and Why It Matters

Jennifer Clapp

How a small handful of giant transnational corporations has come to dominate the farm inputs sector, why it matters, and what can be done about it.

Every year, hundreds of billions of dollars’ worth of farm machinery, fertilizers, seeds, and pesticides are sold to farmers around the world. Although agricultural inputs are a huge sector of the global economy, the lion’s share of that market is controlled by a relatively small number of very large transnational corporations. In *Titans of Industrial Agriculture*, Jennifer Clapp explains how we got from there to here, outlining the forces that enabled this extreme concentration of power and the entrenchment of industrial agriculture.

Clapp reveals that the firms that rose to the top of these sectors benefited from distinct market, technology, and policy advantages dating back a century or more that enabled them to expand their businesses through mergers and acquisitions that made them even bigger and more powerful.

Among the first works to examine deep roots of corporate power in agriculture, *Titans of Industrial Agriculture* helps illuminate just how corporate actors have encouraged the “lock-in” of industrial agriculture, despite all its known social and ecological costs.

Jennifer Clapp is Canada Research Chair in Global Food Security and Sustainability and Professor in the School of Environment, Resources and Sustainability at the University of Waterloo. Her recent books include *Food*, 3rd edition, *Speculative Harvests*, and *Hunger in the Balance*. She is a member of the International Panel of Experts on Sustainable Food Systems.

social science/agriculture

February

6 x 9, 432 pp.

15 b&w illus.

US \$40.00X/\$54.00 CAN paperback

978-0-262-55170-0

Capital Markets

Institutions, Instruments, and Risk Management
sixth edition

Frank J. Fabozzi

The comprehensively updated sixth edition of a leading textbook that examines the wide range of instruments available in financial markets, with new material on central banks, capital market technology, and financing markets for small businesses.

Capital markets are an integral part of the financial system, and their evolution reflects a larger story of global financial change characterized by shifts in regulations, investor behavior, and technological advancements. Now in a comprehensively updated new edition, this widely used textbook examines the wide range of instruments for financing, investing, and controlling risk in today's financial markets. The book begins with an introduction to financial markets, followed by a detailed examination of risk, including financial risk identification, quantification, and management. It then covers market participants, including a new chapter on central banks; fundraising markets, with a new chapter on financing markets for small businesses; risk and return theories; equity, debt, and derivatives markets; and capital market technologies, in a dedicated new section.

Frank J. Fabozzi is Professor of Practice at Johns Hopkins Carey Business School. He has held positions at EDHEC Business School, Yale, Princeton, MIT, NYU, and Carnegie Mellon. He is the author of *Entrepreneurial Finance and Accounting for High-Tech Companies* and *Introduction to Fixed-Income Analysis and Portfolio Management*, and coauthor of *Bond Markets, Analysis, and Strategies, Tenth Edition* and *Foundations of Global Financial Markets and Institutions*, all published by the MIT Press. His forthcoming coauthored books to be published by MIT Press are *The Economics of FinTech and Simulation*, *Optimization*, and *Machine Learning for Finance*.

economics/finance

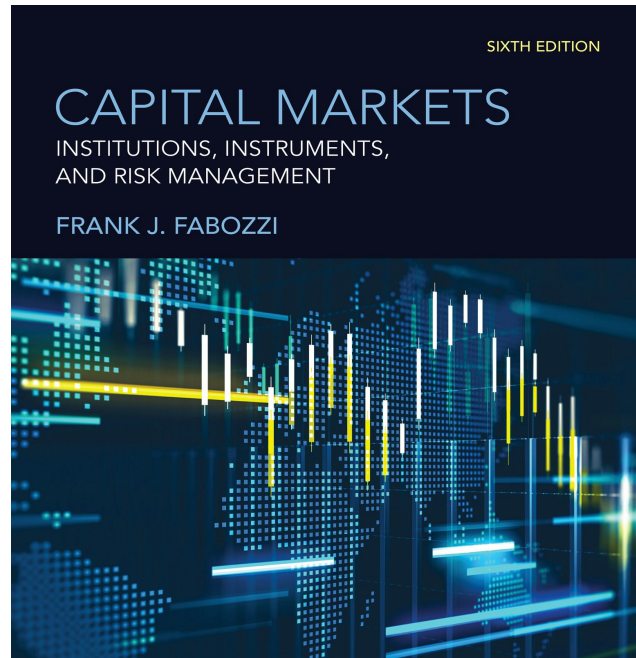
May

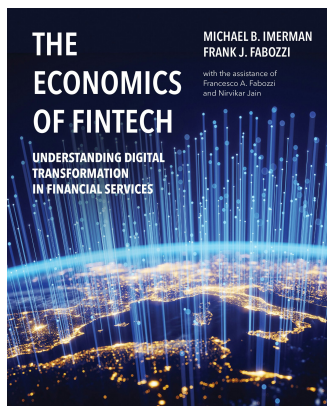
8 x 9, 984 pp.

41 figures

US \$145.00X/\$189.00 CAN cloth

978-0-262-04967-2





The Economics of FinTech

Understanding Digital Transformation in Financial Services

Michael B. Imerman and Frank J. Fabozzi
with the assistance of **Francesco A. Fabozzi and Nirvakar Jain**

A groundbreaking, comprehensive exploration of how FinTech innovation is reshaping finance.

Technological innovation has shaped the role of finance since the introduction of the ATM in the 1960s, but never more consequentially than by the massive digital revolution in the financial services industry known as FinTech. *The Economics of FinTech* is a comprehensive introduction to this rapidly evolving and increasingly important domain, and a groundbreaking exploration of how FinTech is reshaping finance.

Michael B. Imerman is Assistant Professor of Teaching in the finance area at Paul Merage School of Business at the University of California, Irvine and a consultant for companies ranging from large financial institutions to startups.

Frank J. Fabozzi is Professor of Practice at Johns Hopkins Carey Business School. He is the author of *Entrepreneurial Finance and Accounting for High-Tech Companies* and *Introduction to Fixed-Income Analysis and Portfolio Management*, and coauthor of *Bond Markets, Analysis, and Strategies, Tenth Edition* and *Foundations of Global Financial Markets and Institutions*, all published by the MIT Press.

economics/finance

April
8 x 10, 488 pp.
27 figures
US \$100.00X/\$131.00 CAN cloth
978-0-262-04953-5

Macroeconomics

An Active Learning Approach

Oskar Zorrilla

A new way to teach macroeconomics based on problem-solving and hands-on learning.

Offering an important paradigm-shift in the way macroeconomics is taught, this innovative textbook invites students to learn by doing. Organized as a series of word problems motivated by specific macroeconomic questions—Can an economy grow indefinitely by accumulating capital? Why is nominal GDP a poor gauge of changes in economic activity? What constrains the firm?—the text equips readers to think like macroeconomists rather than simply receive expository information. This novel approach develops intuition, analytical skills, and background knowledge simultaneously. Interrelated themes, techniques, and results emerge as students work through the problems, resulting in a dynamic but cohesive treatment of macroeconomics in which agents making choices subject to constraints are the central characters.

Oskar Zorrilla is Assistant Professor of Economics at the United States Naval Academy.

economics

May
7 x 9, 336 pp.
12 figures
US \$45.00X/\$60.00 CAN
paperback
978-0-262-55233-2

Machine Learning in Production

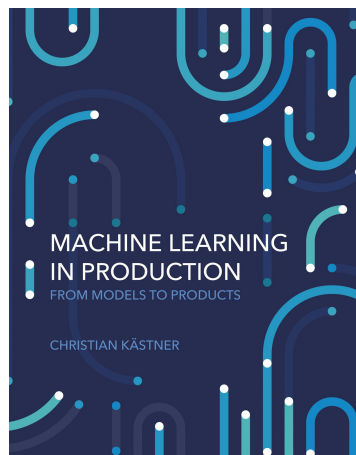
From Models to Products

Christian Kästner

A practical and innovative textbook detailing how to build real-world software products with machine learning components, not just models.

Traditional machine learning texts focus on how to train and evaluate the machine learning model, while MLOps books focus on how to streamline model development and deployment. But neither focus on how to build actual products that deliver value to users. This practical textbook, by contrast, details how to responsibly build products with machine learning components, covering the entire development lifecycle from requirements and design to quality assurance and operations. *Machine Learning in Production* brings an engineering mindset to the challenge of building systems that are usable, reliable, scalable, and safe within the context of real-world conditions of uncertainty, incomplete information, and resource constraints.

Christian Kästner is Associate Professor of Computer Science at Carnegie Mellon University.



computer science

April

7 x 9, 624 pp.

108 b&w illus.

US \$80.00X/\$105.00 CAN cloth

978-0-262-04972-6

Machine Agency

James Mattingly and Beba Cibralic

An engaging exploration of agency that provides students with the critical tools needed to understand and participate in debates about future machines.

The great promise of artificial intelligence's evolution lives alongside an equally great anxiety. As we develop increasingly autonomous machines that do things in the world, questions about agency—distinguishing machines that can act from those that cannot—are among the thorniest we face. A concise and probing exploration of agency, this accessible textbook provides the critical, technical, and conceptual tools needed to make sense of rapid changes in what machines can do and their role in our lives.

James Mattingly is Professor of Philosophy at Georgetown University, author of *Information and Experimental Knowledge*, and editor of *The SAGE Encyclopedia of Theory in Science, Technology, Engineering, and Mathematics*.

Beba Cibralic is Associate Fellow at Cambridge University's Leverhulme Centre for the Future of Intelligence and a Researcher on AI at RAND Corporation.



philosophy/technology

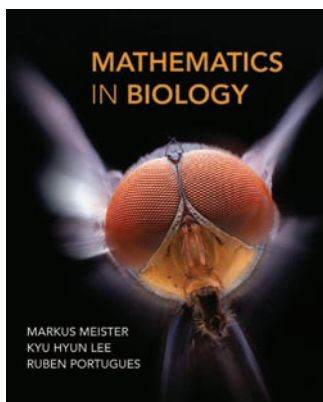
February

6 x 9, 184 pp.

US \$45.00X/\$60.00 CAN

paperback

978-0-262-54998-1



biology

February

8 x 10, 368 pp.

201 color illus., 28 b&w illus.

US \$115.00X/\$150.00 CAN cloth

978-0-262-04940-5

Mathematics in Biology

Markus Meister, Kyu Hyun Lee, and Ruben Portugues

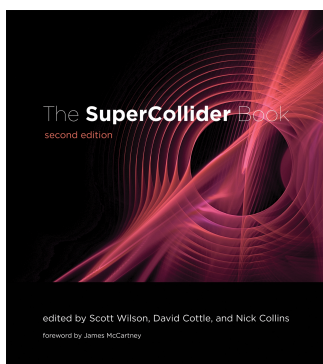
A concise but rigorous textbook for advanced undergraduate and graduate students across the biological sciences that provides a foundation for understanding the methods used in quantitative biology.

Biology has turned into a quantitative science. The core problems in the life sciences today involve complex systems that require mathematical expression, yet most biologists are untrained in this dimension of the discipline. Bridging that gap, this practical textbook equips students to integrate advanced mathematical concepts with their biological education.

Markus Meister is Anne P. and Benjamin F. Biaggini Professor of Biological Sciences at Caltech.

Kyu Hyun Lee is a postdoctoral fellow in neurobiology at the University of California, San Francisco.

Ruben Portugues is Assistant Professor in the Institute of Neuroscience at the Technical University of Munich.



computer science/music

April

8 x 9, 896 pp.

496 b&w illus.

US \$150.00X/\$195.00 CAN cloth

978-0-262-04970-2

The SuperCollider Book

second edition

edited by Scott Wilson, David Cottle, and Nick Collins

foreword by James McCartney

A comprehensive update of the essential reference to SuperCollider, with new material on machine learning, musical notation and score making, SC Tweets, alternative editors, parasite languages, non-standard synthesis, and the cross-platform GUI library.

SuperCollider is one of the most important domain-specific audio programming languages, with wide-ranging applications across installations, real-time interaction, electroacoustic pieces, generative music, and audiovisuals. Now in a comprehensively updated new edition, *The SuperCollider Book* remains the essential reference for beginners and advanced users alike, offering students and professionals a user-friendly guide to the language's design, syntax, and use.

Scott Wilson is Professor of Composition and Electronic Music at the University of Birmingham.

David Cottle is Lecturer Associate Professor at the School of Music, University of Utah.

Nick Collins is Professor in the Durham University Music Department.

Science Competes

Informing Policy in a Time of Distrust, Fracture, and Chaos

Barry Bozeman

When science competes with myriad influences in public policymaking, how can we ensure that it does so effectively?

Policymakers, like most people today, have a world of information within easy reach, much of it wrong. How, amidst the chaos and misdirection of our day's information ecosystem, can science compete for the attention and trust of those who make public policy—especially at a time when issues like proliferating infectious diseases and climate change put a premium on accurate and relevant scientific information? What's needed, Barry Bozeman suggests in *Science Competes*, is a clearer understanding of how scientific information is conveyed, how it is understood and used, and where it fits in the wide array of information that might be of use to those who make and administer policy, laws, and regulations, as well as citizens who actively participate in public life.

Information Policy series

Barry Bozeman is Regents' Professor Emeritus and Arizona Centennial Professor of Technology Policy and Public Management at Arizona State University.

science/public policy

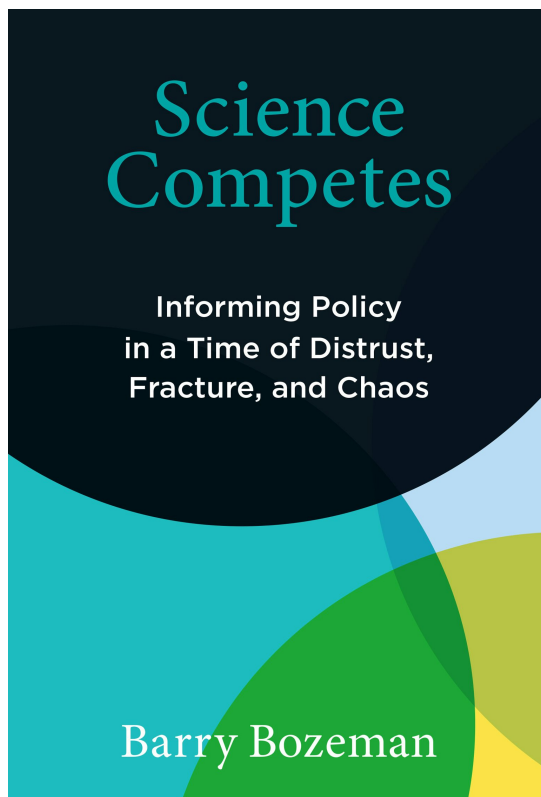
April

6 x 9, 232 pp.

1 b&w illus.

US \$55.00X/\$73.00 CAN paperback

978-0-262-55243-1



Fire and Flood

Extreme Events and Social Change Past, Present, Future

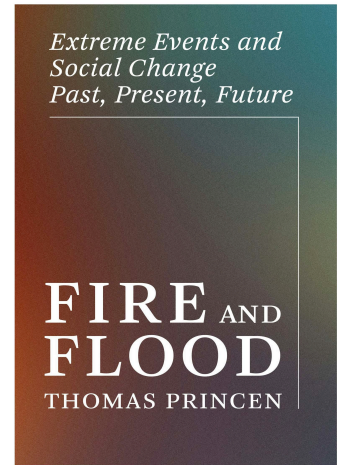
Thomas Princen

How extreme events, paradoxically, sow the seeds of positive response – and create opportunities for becoming adaptive to place.

Throughout history humans have dealt with extreme events. Sometimes adaptively, coping with them, even thriving with them, reading the signals. Sometimes disastrously, repeatedly, ignoring the signals. Now extreme events and disasters are increasing in frequency and severity, and the signals are difficult to read. In *Fire and Flood*, Thomas Princen argues that the most useful signals may be those coming from fires and floods. And not just today's fires and floods but those of the past too. This book looks to these past events as well as present-day ones to imagine—and to construct—a regenerative future.

One Planet series

Thomas Princen is a faculty member at the School for Environment and Sustainability at the University of Michigan. Among his books are *The Logic of Sufficiency*, *Treading Softly*, *Confronting Consumption*, *Ending the Fossil Fuel Era*, and *The Localization Reader*, all MIT Press.



social science/environment

April

6 x 9, 200 pp.

10 b&w illus.

US \$30.00X/\$41.00 CAN paperback

978-0-262-55212-7

The Architecture of the Wire

Infrastructures of Telecommunication

Carlotta Darò

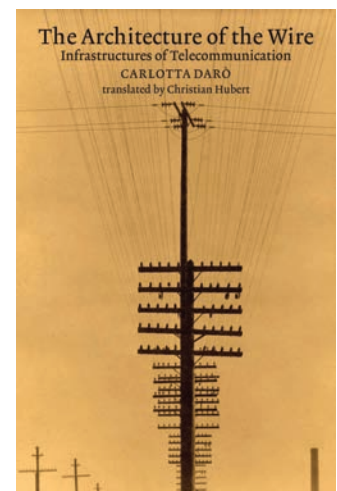
translated by Christian Hubert

A visually inspiring architectural history of the wire and its representations that illuminates the relationship between telecommunications, technology, and architecture.

The Architecture of the Wire explores the development of telecommunications infrastructure and its impact on the architectural and urban culture of the modern age—from poles, wires, and cables, to “micro-architectures,” such as the théâtrophone and the telephone booth. Starting with the intrepid worldwide infrastructures of the late nineteenth century, Carlotta Darò proposes a new history that explores the multiple links and crossroads of such technical “things” with architecture and art.

Based on extensive research of North American company archives, and French institutional ones, and drawing on secondary literature in art and architectural history, media studies, and the history of technology, Darò examines the aesthetic implications of material objects that have forever changed our urban, rural, and domestic environments.

Carlotta Darò is an art and architectural historian. She is Associate Professor at the Ecole Nationale Supérieure d'Architecture Paris-Malaquais and currently a guest senior researcher at ETH Zurich.



architecture

April

6 1/4 x 9 1/2, 384 pp.

171 color illus., 27 b&w illus.

US \$45.00X/\$60.00 CAN

paperback

978-0-262-55163-2

French language rights
not available



Tony Smith Architecture

Catalogue Raisonné Volume 2

edited by James Voorhies and Sarah Auld
with John Keenen, Christopher Ketcham, and Cynthia Davidson

Documenting the extraordinary breadth of architectural production by American artist Tony Smith (1912–1980), this comprehensive book reveals the depth and complexity of Smith's work in architecture.

The *Tony Smith Architecture Catalogue Raisonné Volume 2* presents the full extent of identified production in architecture by Tony Smith. Lavishly illustrated and beautifully produced, the catalogue raisonné spans Smith's influential intellectual and creative pursuits in the field.

James Voorhies is a curator and historian of modern and contemporary art based in New York. He is the author of *Postsensual Aesthetics* and *Beyond Objecthood: The Exhibition as a Critical Form since 1968* (both MIT Press) and has taught at Bennington College and Harvard University.

Sarah Auld has been the director of the Tony Smith Estate since 1990. Her responsibilities include the oversight of the artist's archive, which holds over 2000 drawings and sketches as well as maquettes for sculptures, architectural models, and Smith's writings and correspondence.

architecture

April
8 1/2 x 11, 424 pp.
361 color illus., 57 b&w illus.
US \$240.00X/\$312.00 CAN cloth
978-0-262-04951-1



Against Reason

Tony Smith, Architecture, and Other Modernisms
Volume 2

edited by James Voorhies

Original essays and visual arts projects that explore the understudied breadth and richness of American artist Tony Smith's work in architecture.

Against Reason: Volume 2 is the companion publication to *Tony Smith Catalogue Raisonné: Architecture*, the second in a two-volume, four-book printed publication series dedicated to Tony Smith's sculpture and architecture. Edited by curator and historian James Voorhies, *Against Reason* gathers newly commissioned essays together with visual arts projects by practitioners and critics, including Mario Gooden, Christopher Ketcham, Marta Kuzma, Peter L'Official, R.H. Quaytman, and Jasmine Rault.

James Voorhies is a curator and historian of modern and contemporary art based in New York. He is the author of *Postsensual Aesthetics* and *Beyond Objecthood: The Exhibition as a Critical Form since 1968* (both MIT Press) and has taught at Bennington College and Harvard University.

architecture

April
5 1/2 x 8, 192 pp.
123 color illus., 24 b&w illus.
US \$24.95T/\$33.95 CAN paperback
978-0-262-55138-0

Tacita Dean

edited by George Baker and Annie Rana

A highly anticipated and richly illustrated anthology of essays on the work of artist Tacita Dean.

This volume explores the deeply influential work of Tacita Dean, recognized increasingly as one of the key artists of our times. Emerging initially as part of the generation of the so-called “Young British Artists” in the 1990s, Dean (b. 1965) has reinvented the manner in which artists use analogue mediums such as drawing, photography, and film, prompting major questions in her work around the issues of time, memory, history, and chance events.

October Files

George Baker is Professor and Chair of Art History at UCLA. An editor of *October* magazine for the last 25 years, he previously edited the *October File* *James Coleman* (MIT Press). His books include *The Artwork Caught by the Tail* (MIT Press) and *Lateness and Longing*.

Annie Rana is an independent researcher based in Los Angeles. She was previously Senior Project Manager at the Getty Research Institute, where she oversaw the Getty Research Portal. She worked with Tacita Dean on the artist's edition *Monet Hates Me* and on a companion volume of the same name.

art

May

6 x 9, 336 pp.

114 b&w illus.

US \$30.00X/\$41.00 CAN

paperback

978-0-262-55238-7

Magic Architecture

The Story of Human Housing

Frederick Kiesler

edited by Spyros Papapetros and Gerd Zillner

The first publication of artist and architect Frederick Kiesler's epoch-spanning history of human architecture, largely unknown but still relevant.

Magic Architecture was the architect Frederick Kiesler's most ambitious book project, an epoch-spanning history of human housing from prehistory to the atomic era—and yet it was never published, as Kiesler moved on to other exhibitions and projects.

Spyros Papapetros is Associate Professor in the School of Architecture at Princeton University and the author of *On the Animation of the Inorganic: Art, Architecture, and the Extension of Life* and coeditor of *Retracing the Expanded Field* (MIT Press).

Frederick Kiesler (1890–1965) was an Austrian-American architect, theoretician, theatrical designer, artist, and sculptor.

Gerd Zillner is Senior Archivist Researcher at the Frederick and Lillian Kiesler Private Foundation in Vienna.

architecture

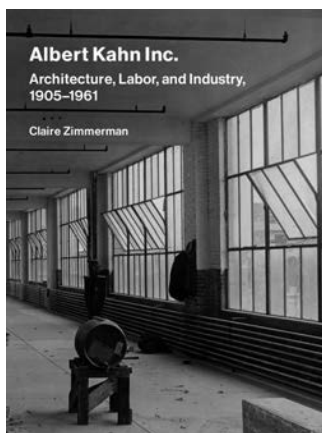
June

8 1/4 x 11 1/2, 450 pp.

200 figures

US \$50.00T/\$66.00 CAN cloth

978-0-262-04674-9



Albert Kahn Inc.

Architecture, Labor, and Industry, 1905–1961

Claire Zimmerman

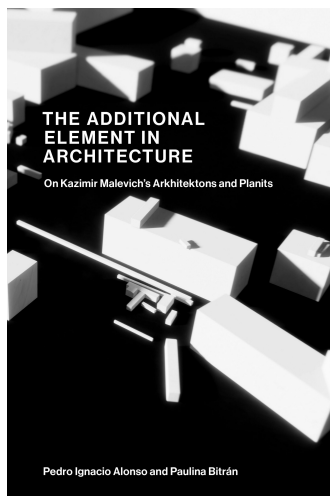
A study of Albert Kahn Incorporated – the architecture firm closely associated with the Ford Motor Company and other auto companies – that explores capitalism and political economy through the built environment of industry and culture.

In *Albert Kahn Inc.* Claire Zimmerman provides a history of second-wave industrialization associated with the growth and development of the United States' auto industry and its global footprint. A forensic analysis of the “architects of Ford,” the book theorizes how building and capitalism intersected in the case of 20th-century industrial buildings, but also in other kinds of architecture—in the built environment writ large. Generally a marginal subject in histories of architecture, industrialism here exposes the expansionist modern project in Western architecture and culture, which was based on natural resource extraction and labor exploitation.

Claire Zimmerman is Associate Professor and Director of the PhD Program in Architecture at The Daniels Faculty of Architecture, Landscape and Design of The University of Toronto.

architecture

Forthcoming in Fall 2025
8 x 10 1/2, 496 pp.
141 color illus., 34 b&w illus.
US \$60.00X/\$79.00 CAN cloth
978-0-262-04911-5



The Additional Element in Architecture

On Kazimir Malevich's Arkhitektonts and Planits

Pedro Ignacio Alonso and Paulina Bitrán

An ingenious reconstruction – and revealing analysis through “visual archaeology” – of avant-garde artist Kazimir Malevich's lost arkhitektonts.

Among the Russian avant-garde artist Kazimir Malevich's most intriguing works, the arkhitektonts are also the most enigmatic, as these quasi-architectural sculptures made between 1920 and 1930 were almost entirely lost, along with many of the accompanying drawings, or planits. In *The Additional Element in Architecture*, Pedro Ignacio Alonso and Paulina Bitrán bring Malevich's elusive arkhitektonts to startling, three-dimensional life and show how these objects form a comprehensive universe that embodies the artist's Suprematism—his belief in the supremacy of pure artistic sensation in abstraction.

Pedro Ignacio Alonso is Associate Professor at the Universidad Católica de Chile and Program Director of the AA Visiting School to Santiago at the Architectural Association, London. He is the author of *Panel* and *Monolith Controversies*, which won the 2015 Deutsches Architekturmuseum Award.

Paulina Bitrán is an architect. She has worked as an independent researcher in projects related to art, museography, and archaeology, with a focus on installation work and production of archaeological exhibitions at the Grand Egyptian Museum in Cairo, Egypt.

art/architecture

May
6 1/4 x 9 1/2, 392 pp.
94 color illus., 124 b&w illus.
US \$55.00X/\$73.00 CAN paperback
978-0-262-54890-8

Innovation and Adaptation in War

Matthew A. Tattar

An analysis of advances in military technology that illustrates the importance of organizational flexibility in both an attacker's innovations and an opponent's adaptations.

Belfer Center Studies in International Security

In *Innovation and Adaptation in War*, Matthew Tattar questions the conventional wisdom that, to succeed, military organizations must innovate early and often. Because successful methods of warfare are soon widely imitated or countered on the international stage, the advantages of a particular innovation quickly evaporate. Therefore, Tattar argues, large-scale innovations at the cost of organizational flexibility and the ability to adapt to an adversary's innovations may not be the optimal path.

Matthew A. Tattar is Associate Professor in the War Gaming Department at the Center for Naval Warfare Studies, US Naval War College.

military/technology

February

6 x 9 1/4, 312 pp.

19 b&w illus.

US \$40.00X/\$54.00 CAN paperback

978-0-262-54485-6



The Moving Image

A User's Manual

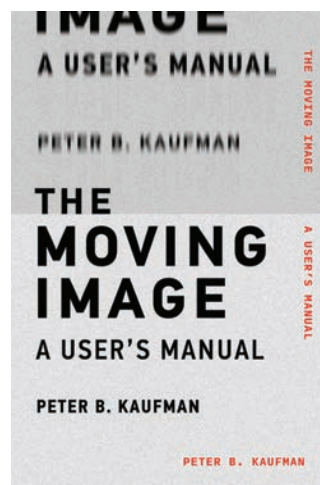
Peter B. Kaufman

The definitive guidebook for using video in modern communication.

Video is today's most popular information medium. Two-thirds of the world's internet traffic is video. Americans get their news and information more often from screens and speakers than through any other means.

The Moving Image is the first authoritative account of how we have arrived here, together with the first definitive manual to help writers, educators, and publishers to use video more effectively. Drawing on decades as an educator, publisher, and producer, MIT's Peter Kaufman presents new tools, best practices, and community resources for integrating film and sound into media that matters.

Peter B. Kaufman is Senior Program Officer at MIT Open Learning. He is the author of *The New Enlightenment and the Fight to Free Knowledge* and founder of Intelligent Television, a video production company that works with cultural and educational institutions around the world.



media studies

February

6 x 9, 256 pp.

71 b&w photos

US \$40.00X/\$54.00 CAN

paperback

978-0-262-53816-9

The Well-Read Game

On Playing Thoughtfully

Tracy Fullerton and Matthew Farber

How players evoke personal and subjective meanings through a new theory of player response.

Playful Thinking series

Tracy Fullerton is an experimental game designer, Professor, and Director of the Game Innovation Lab at the University of Southern California Games Program.

Matthew Farber is Associate Professor of Educational Technology at the University of Northern Colorado. He is also Co-Director of the Gaming SEL Lab.

game studies

March

6 x 9, 240 pp.

36 b&w illus.

US \$40.00X/\$54.00 CAN paperback

978-0-262-55223-3

Indigenous Currencies

Leaving Some for the Rest in the Digital Age

Ashley Cordes

How Indigenous currencies – including wampum and dentalium shells, beads, and the cryptocurrency MazaCoin – have long constituted a form of resistance to settler colonialism.

Indigenous Currencies follows dynamic stories of currency as a meaning-making communication technology.

Ashley Cordes is Assistant Professor of Indigenous Media and a recent American Council of Learned Societies Fellow. She is an enrolled citizen of the Kō-Kwel/Coquille Nation and has served as Chair of the Culture and Education Committee.

social science/economics

April

6 x 9, 216 pp.

22 b&w illus.

US \$35.00X/\$48.00 CAN paperback

978-0-262-55253-0

Natural Neuroscience

Toward a Systems Neuroscience of Natural Behaviors

Nachum Ulanovsky

A new approach to brain research that emphasizes studying the brain under naturalistic conditions.

Nachum Ulanovsky is Professor of Neuroscience and Head of the Center for Learning, Memory and Cognition at the Weizmann Institute of Science. neuroscience.

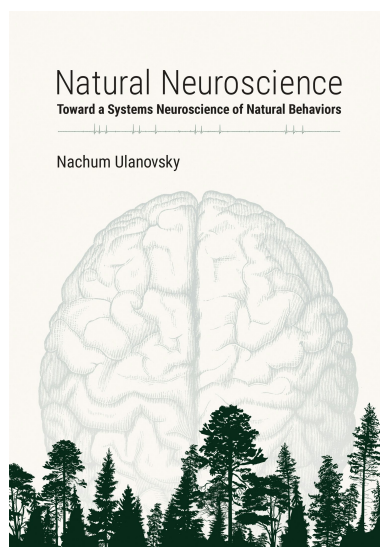
April

7 x 10, 302 pp.

51 b&w illus.

US \$65.00X/\$86.00 CAN paperback

978-0-262-04499-8



Bioethics and Brains

A Disciplined and Principled Neuroethics

John R. Shook and James Giordano

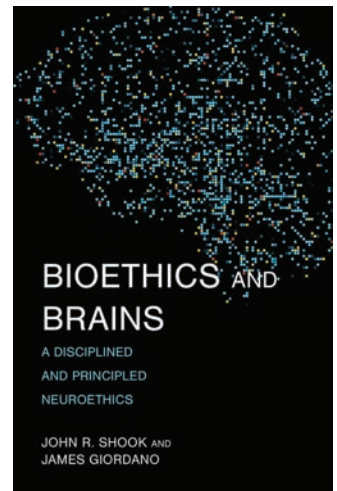
How neuroethics can be increasingly relevant and informative for inclusive social policy and political discourse about brain science and technologies.

In *Bioethics and Brains*, John Shook and James Giordano ask: How can the brain sciences inform ethics? And how might ethics guide the brain sciences and their real-world applications?

Basic Bioethics series

John R. Shook is Associate Professor of Philosophy at Bowie State University in Maryland, and an instructor with the Liberal Studies graduate program at Georgetown University in Washington D.C. He coedited *Ectogenesis and Neuroscience, Neurophilosophy, and Pragmatism*, and he authored *Pragmatism* (MIT Press).

James Giordano is the Pellegrino Center Professor of Neurology, and Chief of the Neuroethics Studies Program at Georgetown University Medical Center, Washington, D.C.; Senior Bioethicist of the US Department of Defense Medical Ethics Center; and Chair Emeritus of the Neuroethics Project, IEEE Brain Initiative.



philosophy/neuroscience

February

5 1/4 x 8, 252 pp.

US \$60.00X/\$79.00 CAN

paperback

978-0-262-54999-8

Psychopathy Unmasked

The Rise and Fall of a Dangerous Diagnosis

Rasmus Rosenberg Larsen

Why our fascination with psychopaths is scientifically wrongheaded, and how the criminal justice system has misused the controversial science of psychopathy.

Rasmus Rosenberg Larsen is Assistant Professor of Forensic Epistemology and Philosophy of Science at the University of Toronto Mississauga, and Senior Scientist at the National Center for Ontological Research. His research has appeared in journals like *The Lancet: Psychiatry, Psychology, Public Policy, and Law*, and *Philosophical Psychology*.

psychology

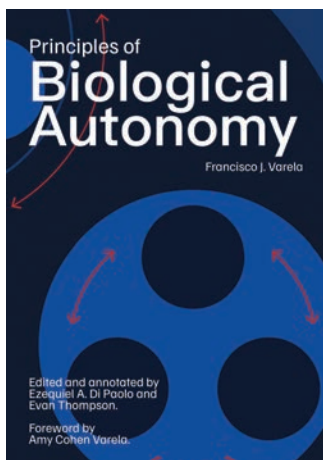
June

6 x 9, 352 pp.

7 b&w illus.

US \$65.00X/\$86.00 CAN paperback

978-0-262-55220-2



Principles of Biological Autonomy

a new annotated edition

Francisco J. Varela

edited and annotated by Ezequiel A. Di Paolo and Evan Thompson

foreword by Amy Cohen-Varela

A new, updated edition of the 1979 classic from one of the foremost authors in cognitive science and theoretical biology, with the original text as well as more than 200 citations to current scientific developments.

Francisco J. Varela (1946–2001) was Director of the Centre National de Recherche Scientifique, Professor of Cognitive Science and Epistemology, CREA, at the Ecole Polytechnique, Paris, and Cofounder of the Mind and Life Institute.

Ezequiel A. Di Paolo is Ikerbasque Research Professor at the Basque Foundation for Science, Spain, and Visiting Research Fellow at the Centre for Computational Neuroscience and Robotics at the University of Sussex.

Evan Thompson is Professor of Philosophy at the University of British Columbia, where he is also Associate Member of the Department of Asian Studies and the Department of Psychology. He is a coauthor of *The Embodied Mind* and *The Blind Spot* (both MIT Press), and an elected fellow of the Royal Society of Canada and a past president of the Pacific Division of the American Philosophical Association.

cognitive science

May

7 x 10, 400 pp.

12 b&w illus.

US \$70.00X/\$92.00 CAN

paperback

978-0-262-55140-3

Methods in the Philosophy of Science

A User's Guide

edited by Sophie J. Veigl and Adrian Currie

A guidebook to methods and methodology, encouraging deeper engagement across the philosophy of science and beyond.

The last twenty years have seen multiple methodological revolutions in the philosophy of science: there has been increased diversity concerning the questions asked, who asks those questions, who the relevant audiences are, and what the techniques and tools involved are. In *Methods in the Philosophy of Science*, Sophie Veigl and Adrian Currie introduce this range of methods through both practical advice and philosophical reflection. Each chapter introduces the reader to a method or set of methods in the philosophy of science, discusses its advantages and limitations, and provides practical guidance on how to learn skills relevant to applying the method.

Sophie J. Veigl is a postdoctoral fellow at the University of Vienna.

Adrian Currie is Senior Lecturer of Philosophy at the University of Exeter.

philosophy

July

7 x 9, 640 pp.

28 b&w illus.

US \$250.00X/\$324.00 CAN

paperback

978-0-262-55224-0

A Regional Contemporary

Art Exhibitions, Popular Culture, Asia

C. J. W.-L. Wee

The first critical account of the enormous upsurge in cultural expression across Asian countries from 1979–2008, and the new possibilities it presented for the aesthetic and cultural re-imagining of a “unified” contemporary Asia.

A Regional Contemporary by C.J. W.-L. Wee is an investigative account of the dramatic increase in cultural expression in Asia from 1979 to 2008, with the 1990s as the focal point of this period. The so-called East Asian Miracle, Wee argues, projected a fictive but shared contemporary regional identity onto Northeast and Southeast Asia, collectively taken as East Asia. The new cultural explosion was notably enabled by expanded capitalist energies that reached a level critical enough to reposition the region's postcolonial and Cold War-era nationalisms, and this book examines the resulting implications.

C. J. W.-L. Wee is Professor of English at the Nanyang Technological University, Singapore. He has held visiting fellowships at the Centre for the Study of Developing Societies, Delhi, India and the Society for the Humanities, Cornell University. He is the author of *Culture, Empire, and the Question of Being Modern* and *The Asian Modern*, and a coeditor of *Contesting Performance*.



art

March

6 x 9, 320 pp.

US \$50.00/\$66.00 CAN paperback

978-0-262-55225-7

Ecologies of Artistic Practice

Rethinking Cultural Economies through Art and Technology

Ashley Lee Wong

An in-depth look at how we make and circulate art today, and how creative and economic processes shape the meaning and value of artworks.

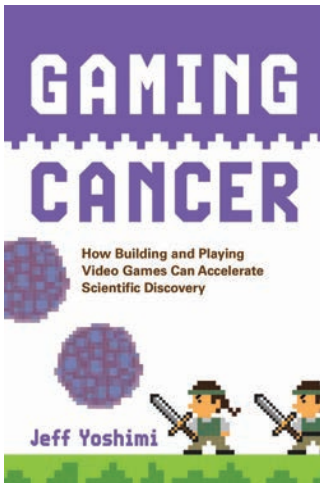
In *Ecologies of Artistic Practice*, Ashley Lee Wong explores the economic relationships of artists working at the nexus of art and technology as they negotiate a means to make art in a neoliberal creative economy. Wong looks at the diverse ways in which artworks circulate, both online and offline, in galleries, on digital platforms, and media facades, and investigates some of the mechanisms that enable artists to create works, including selling artworks and NFTs, grants, licensing, commissions, and artist residencies. The book also looks at the ways in which artists collaborate with corporations and develop practices as commercial entities themselves.

A Leonardo Book

Ashley Lee Wong is Assistant Professor of Cultural Studies at the Chinese University of Hong Kong. She is Co-Founder and Artistic Director of MetaObjects, a studio facilitating digital production with artists and cultural institutions.

art

May
6 x 9, 224 pp.
20 b&w illus.
US \$50.00X/\$66.00 CAN
paperback
978-0-262-55216-5



Gaming Cancer

How Building and Playing Video Games Can Accelerate Scientific Discovery

Jeff Yoshimi

Can experimenting with game design increase our chances of finding a cure for cancer?

“There is no other book like *Gaming Cancer*. Yoshimi lays out a grand vision to harmonize crowd intelligence and artificial intelligence toward solving one of humanity’s biggest problems.”

— Rhiju Das, Investigator, Howard Hughes Medical Institute; Professor of Biochemistry and Physics, Stanford University; and Director of Eterna

“An exciting reflection on the untapped potential of gaming for research and education....A must-read!”

— Dr. Beata Mierzwa, Cancer Researcher, UC San Diego; Founder of Beata Science Art

Jeff Yoshimi is Professor and a founding faculty member in the Department of Cognitive and Information Sciences and Philosophy at the University of California, Merced. His research areas include neural networks, dynamical systems theory, philosophy of cognitive science, and visualization of complex processes.

medicine/game studies

February
6 x 9, 240 pp.
4 color illus., 47 b&w illus.
US \$45.00X/\$60.00 CAN
paperback
978-0-262-55072-7

Declaring Independence in Cyberspace

Internet Self-Governance and the End of U.S. Control of ICANN

Milton L. Mueller

How and why the US government gave up its control of ICANN, the global coordinator of internet names, numbers, and protocols – and what the geopolitical consequences were.

In 1997 the U.S. decided that the Internet should be governed not by governments, but by something called the “global Internet community.” In *Declaring Independence in Cyberspace*, Milton Mueller tells the story of why it took 20 years of organizational and geopolitical struggle to make that happen.

technology/political science

May
6 x 9, 224 pp.
2 tables
US \$45.00X/\$60.00 CAN
paperback
978-0-262-55258-5

Information Policy series

Milton L. Mueller is Professor of Public Policy at the Georgia Institute of Technology, where he directs the Master of Science program in Cybersecurity Policy. He is the author of seven books and the cofounder of ICANN's Noncommercial Users Constituency.

Formal Methods for Multi-Agent Feedback Control Systems

Lars Lindemann and Dimos V. Dimarogonas

An introduction to formal methods for feedback control of multi-agent systems with safety and performance guarantees.

Cyber-Physical Systems Series

Lars Lindemann is Assistant Professor in the Thomas Lord Department of Computer Science within the School of Advanced Computing at the University of Southern California.

Dimos V. Dimarogonas is Professor of Automatic Control and Head of Division at the Division of Decision and Control Systems, School of Electrical Engineering and Computer Science, KTH Royal Institute of Technology.

computer science

April
6 x 9, 328 pp.
87 b&w illus.
US \$80.00X/\$105.00 CAN paperback
978-0-262-04971-9

Perspectives in Antenna Technology

Recent Advances and Systems Applications

Jeffrey S. Herd, Alan J. Fenn, and M. David Conway

The definitive volume of recent innovations in antenna technology developed for a wide variety of system applications at MIT Lincoln Laboratory.

MIT Lincoln Laboratory Series

Alan J. Fenn is Senior Staff in the RF Technology Group.

Jeffrey S. Herd is Group Leader of the RF Technology Group in the Advanced Technology Division at MIT Lincoln Laboratory.

M. David Conway is Senior Staff in the RF Technology Group.

technology/engineering

March
7 x 9, 324 pp.
270 color illus., 32 b&w illus.
US \$125.00X/\$163.00 CAN cloth
978-0-262-04960-3

Heartbeat Art

Claudia Arozqueta

An innovative history of heartbeats, pulse, and technoscience in the works of a wide international array of artists and composers.

Heartbeat Art is the first study of how artists have engaged with heartbeats from the 1960s to the present, creating sophisticated and technological works that project in unique ways the circulatory processes of the body beyond its physical limits. Drawing on a long history of scientific and artistic experimentation, Claudia Arozqueta offers detailed case studies of heartbeat works by a wide range of international artists working at the interconnections of our bodies, art, and science and technology, including Yoko Ono, Pauline Oliveros, Heinz Mark, Brian O'Doherty, Teresa Burga, and many others.

A Leonardo Book

Claudia Arozqueta is an interdisciplinary historian, curator, and writer whose writing and research have appeared in publications such as *Leonardo*, *Artforum*, *e-flux Criticism*, and others. She has curated various exhibitions for international art organizations in North America, South America, Europe, Asia, and Oceania.

art

May
6 x 9, 256 pp.
73 b&w illus.
US \$40.00X/\$54.00 CAN
paperback
978-0-262-55188-5

Gear

Cultures of Audio and Music Technologies

Eliot Bates and Samantha Bennett

A critical examination of the twenty-first century fetishization of professional audio technologies, and how it led to a new social formation: gear cultures.

Eliot Bates is Associate Professor of Ethnomusicology at the CUNY Graduate Center. They have contributed, as performer, composer, and/or recordist/engineer, to more than 90 albums produced in the US, UK, Turkey and Italy, as well as several TV series and feature films.

Samantha Bennett is Chair of the International Association for the Study of Popular Music (IASPM) and Professor of Music at the Australian National University. She is the author of *Modern Records*, *Maverick Methods*, *Peepshow*, and coeditor of *Critical Approaches to the Production of Music and Sound*.

technology/music

May
6 x 9, 400 pp.
24 b&w illus.
US \$65.00X/\$86.00 CAN paperback
978-0-262-55185-4

Proxistant Vision

Motion, Navigation, Scale

Synne Tollerud Bull and Dragan Miletic

How the surge in aerial technologies, such as drones and satellites, influences visual culture beyond the screen.

A Leonardo Book

Synne Tollerud Bull is Professor and Head of Westerdals Department of Film and Media at Kristiania University College. She led the research projects *Urban Ecologies*, *Media Seas of the High North Atlantic*, and *Re: place*, and is the coeditor of *Urban Images* (Sternberg Press) and *Screen Space Reconfigured*.

Dragan Miletic holds a practice-based Ph.D. from the Norwegian University of Science and Technology (NTNU) and an MFA from San Francisco Art Institute. He is part of the award-winning artistic duo Bull.Miletic with Synne Tollerud Bull.

art

June
6 x 9, 336 pp.
67 color illus., 28 b&w illus.
US \$45.00X/\$60.00 CAN paperback
978-0-262-55218-9

The Ecology Politic

Power, Law, and Earth in the Anthropocene

Anthony Burke and Stefanie Fishel

A compelling proposal for new international law and institutions to address the planetary crisis that improves biodiversity protection, supports Indigenous peoples, and prevents catastrophic climate change.

Earth System Governance series

Anthony Burke is Professor of Environmental Politics and International Relations at UNSW, Australia. His books include *Beyond Security*, *Ethics and Violence*, *Uranium*, and *Institutionalizing Multispecies Justice*.

Stefanie Fishel is Senior Lecturer in Politics and International Relations at the University of the Sunshine Coast, Australia. She is the author of *The Microbial State*, *Environmentalism after Humanism*, and *Poe and the Microbiome*.

political science/environment

May
6 x 9, 312 pp.
US \$55.00X/\$73.00 CAN paperback
978-0-262-55255-4

Streaming by the Rest of Us

Microstreaming Videogames on Twitch

Mia Consalvo, Marc Lajeunesse, and
Andrei Zanescu

An in-depth investigation of the Twitch streamers who make up the largest population on the platform: those streaming to small audiences or even no one.

Mia Consalvo is Professor and Canada Research Chair in Game Studies and Design at Concordia University.

Marc Lajeunesse holds a PhD in Communication Studies from Concordia University. He produces several academic podcasts including the Connecting to Game . . . podcast series and the Humour and Games Podcast.

Andrei Zanescu is Assistant Professor in Communication Studies at Concordia University.

game studies

February
6 x 9, 272 pp.
32 b&w illus.
US \$45.00X/\$60.00 CAN paperback
978-0-262-55215-8

Ascending Republic

The Ballooning Revival in Nineteenth-Century
France

Patrick Luiz Sullivan De Oliveira

Why and how the French made the balloon into one of the quintessential symbols of late nineteenth-century modernity, and how the balloon's reinvention shaped the airplane's assimilation in the early years of aviation.

Patrick Luiz Sullivan De Oliveira is Assistant Professor of History at IE University in Madrid, Spain, and a Research Associate at the Smithsonian National Air and Space Museum in Washington, D.C.

history/technology

June
6 x 9, 400 pp.
26 color illus., 67 b&w illus.
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Deflating Mental Representation

Frances Egan

A novel account of the explanatory role of representation in both the cognitive sciences and commonsense practice that preserves the virtues without the defects of the prevailing two views about mental representation.

Jean Nicod Lectures

Frances Egan is Distinguished Professor Emerita at Rutgers University. She has held research fellowships at the Center for Interdisciplinary Research at the University of Bielefeld in Germany, the Institute for Advanced Studies at Hebrew University, Jerusalem, and the Center for Mind and Cognition at Ruhr-University Bochum, Germany.

philosophy / cognitive science

March

5 1/4 x 8, 192 pp.

4 b&w illus.

US \$35.00X/\$48.00 CAN paperback

978-0-262-55160-1

Epistemic Ecology

Catherine Z. Elgin

An ecological epistemology arguing that epistemic agents, communities, and environments adapt to one another to generate evolving understandings of the world.

Catherine Z. Elgin is Professor of the Philosophy of Education at Harvard Graduate School of Education. She is the author of *True Enough* (MIT Press), *Considered Judgment*, *Between the Absolute and the Arbitrary*, and *With Reference to Reference*, and coauthor with Nelson Goodman of *Reconceptions in Philosophy and Other Arts and Sciences*.

philosophy

May

6 x 9, 352 pp.

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Good Will Corrupting

Social Norms and the Trouble of Intervention

Adam Moe Fejerskov

A fascinating investigation of the social norm movement and the implications of a powerful collective pursuing radical social change through contentious interventions across the Global South.

Adam Moe Fejerskov is Senior Researcher at the Danish Institute for International Studies. He has authored books on inequality, norms, technology, and violence against women.

public health

May

6 x 9, 240 pp.

3 b&w illus.

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Experimentology

An Open Science Approach to Experimental Psychology Methods

Michael C. Frank, Mika Braginsky, Julie Cachia, Nicholas Coles, Tom E. Hardwicke, Robert D. Hawkins, Maya B. Mathur, and Rondeline Williams

An engaging research methods text integrating a classic approach to conducting experiments in psychology with open science practices and values.

Michael C. Frank is the Benjamin Scott Crocker Professor of Human Biology at Stanford University.

psychology

July

8 x 10, 384 pp.

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Modern Chinese Foodways

edited by Jia-Chen Fu, Michelle T. King, and Jakob A. Klein

An edited collection that explores the multifaceted experiences of Chinese culinary modernity both within and outside of mainland China from the mid-19th century to present.

Food, Health, and the Environment series

Jia-Chen Fu is Associate Research Fellow in the Institute of Modern History at Academia Sinica. She is the author of *The Other Milk*.

Michelle T. King is Associate Professor of History at the University of North Carolina at Chapel Hill.

Jakob A. Klein is Senior Lecturer (Associate Professor) in Social Anthropology at SOAS University of London.

social science/food

March

6 x 9, 360 pp.

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978-0-262-55131-1

Trans Technologies

Oliver Haimson

How technology creates new possibilities for transgender people, and how trans experiences, in turn, create new possibilities for technology.

Oliver L. Haimson is Assistant Professor at the University of Michigan School of Information.

social science/technology

February

6 x 9, 304 pp.

17 b&w illus.

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978-0-262-55186-1

The Nuclear-Water Nexus

edited by Per Högselius and Siegfried Evens

An edited collection that takes a deep dive into the complex interactions between nuclear energy and water.

Per Högselius is Professor of History of Technology at KTH Royal Institute of Technology, Stockholm. His English-language publications include the award-winning *Red Gas, Europe's Infrastructure Transition* (coauthored with Arne Kaijser and Erik van der Vleuten), and *Energy and Geopolitics*.

Siegfried Evens is a historian specialized in the history of technology, risk, and disaster. His thesis was part of the ERC-funded NUCLEARWATERS project and studied the regulation of water and steam technologies in nuclear power plants.

science

July

6 x 9, 416 pp.

30 b&w illus.

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978-0-262-55228-8

The Human Edge

Analogy and the Roots of Creative Intelligence

Keith J. Holyoak

What makes human cognition distinct from animal and artificial forms of intelligence – and how analogies play a crucial role in our unique abilities.

Keith J. Holyoak is Distinguished Professor of Psychology at the University of California, Los Angeles. A recipient of a Guggenheim fellowship and the Warren Medal from the Society of Experimental Psychologists, he is the author of several books in cognitive science, including *The Spider's Thread*, as well as four volumes of poetry and a book of translated classical Chinese poetry.

cognitive science

February

6 x 9, 312 pp.

26 b&w illus.

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The Smoke and the Spoils

Anti-Environmentalism and Class Struggle in the United States

John Hultgren

The future of our environment lies in the hands of the working class, but what if the future of the working class also lies in environmental political struggles?

John Hultgren is a faculty member in environmental politics at Bennington College in Vermont. He is the author of *Border Walls Gone Green: Nature and Anti-immigrant Politics in America*.

political science/environment

May

6 x 9, 280 pp.

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978-0-262-55237-0

How That Robot Made Me Feel

edited by Ericka Johnson

An edited collection that explores what emotions we have when encountering robots, how we react emotionally to them in different contexts, and why these emotional responses are so important.

Ericka Johnson is a professor of gender and society at Linköping University, Sweden, Director of the National Graduate School of the Wallenberg AI, Autonomous Systems, and Software Program – Humanity and Society (WASP-HS), and a member of the Royal Swedish Academy of Sciences. She is the author of many books, including *A Cultural Biography of the Prostate* (MIT Press).

psychology/technology

May

6 x 9, 304 pp.

US \$55.00X/\$73.00 CAN paperback

978-0-262-55094-9

Re/Marks on Power

How Annotation Inscribes History, Literacy, and Justice

Remi Kalir

An interdisciplinary exploration of annotation that shows how this participatory act marks public memory, struggles for justice, and social change.

Remi Kalir is Associate Director of Faculty Development and Applied Research within Learning Innovation and Lifetime Education at Duke University. His scholarship examines how annotation facilitates social, collaborative, and justice-directed learning.

social science/media studies

April

6 x 9, 200 pp.

57 b&w illus.

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978-0-262-55103-8

Interception

State Surveillance from Postal Systems to Global Networks

Bernard Keenan

A media history of how the UK and US governments have surveilled citizens by intercepting their private communications.

History and Foundations of Information Science series

Bernard Keenan is Assistant Professor at the Faculty of Laws, University College London. He works at the intersection of law, social theory, and new technologies.

political science

May

6 x 9, 272 pp.

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978-0-262-55257-8

Play It Again, Sam

Repetition in the Arts

Samuel Jay Keyser

Why we enjoy works of art, and how repetition plays a central part in the pleasure we receive.

Leonard Bernstein, in his famous *Norton Lectures* (1976) extolled repetition, saying that it gave poetry its musical qualities and that music theorists' refusal to take it seriously did so at their peril. *Play It Again, Sam* takes Bernstein seriously.

Samuel Jay Keyser is a theoretical linguist. He is Peter de Florez Emeritus Professor, an emeritus member of the Linguistics and Philosophy faculty, and former Associate Provost at MIT. He has authored numerous books and scientific publications and is Editor-in-chief of the journal *Linguistic Inquiry*.

philosophy

May
6 x 9, 296 pp.
2 color illus., 77 b&w illus.
US \$30.00/\$41.00 CAN paperback
978-0-262-55232-5

AI Fairness

Designing Equal Opportunity Algorithms

Derek Leben

A theory of justice for AI models making decisions about employment, lending, education, criminal justice, and other important social goods.

In *AI Fairness*, Derek Leben draws on traditional philosophical theories of fairness to develop a framework for evaluating AI models.

Derek Leben is Associate Teaching Professor of Business Ethics at the Tepper School of Business at Carnegie Mellon University.

technology

May
6 x 9, 256 pp.
33 b&w illus.
US \$50.00X/\$66.00 CAN paperback
978-0-262-55236-3

The Invisible Hand

Neurocognitive Mechanisms of Human Hand Function

Matthew Longo

How the “invisible hand” of the nervous system makes the human hand such an evolutionary success.

Matthew R. Longo is Professor of Cognitive Neuroscience at Birkbeck, University of London, where he directs the Body Representation Laboratory.

cognitive science

April
7 x 9, 520 pp.
71 b&w illus.
US \$90.00X/\$119.00 CAN paperback
978-0-262-55187-8

Measures and Meanings of Spatial Capital

Contributions to a Theory of Land

Lars Marcus

How the built environment, understood as spatial capital, governs both everyday life in cities and urban systems more generally.

Measures and Meanings of Spatial Capital presents a new theory of spatial capital, arguing that spatial form is essential for building resilience into highly complex urban systems.

Lars Marcus is Professor in Urban Design at Chalmers University of Technology, Göteborg, Sweden and Fellow of the Royal Swedish Academy of Engineering Sciences.

urban studies

February
6 x 9, 496 pp.
48 b&w illus.
US \$65.00X/\$86.00 CAN paperback
978-0-262-55130-4

Let Geography Die

Chasing Derwent's Ghost at Harvard

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