

# Dear Friends and Readers,

In addition to proudly offering the many exciting and forward-thinking titles in this fall's season catalog, the MIT Press is also honored to announce that the Museum of Modern Art (MoMA) acquired the MIT Press colophon into its permanent collection this past April.

Created by pioneering graphic designer Muriel Cooper, the iconic logo graces the spines of all books and journals published by the MIT Press since 1965. This wonderful recognition comes on the heels of the MIT Press's 60th anniversary, celebrated in 2022, and stands as further testament to the intellectual daring, high scholarly standards, and cutting-edge design that the Press has been known for since its very beginnings.

The colophon is made up of seven vertical bars—abstract book spines on a shelf—that represent the lowercase letters “mitp.” Cooper, who died in 1994, was an influential designer, researcher, and educator. As the design director of the MIT Press, she created the encyclopedic volume *Bauhaus* by Hans M. Wingler and the graphically distinctive edition of *Learning from Las Vegas* by Robert Venturi, Denise Scott Brown, and Steven Izenour. During her four-decade tenure at MIT, Cooper also served as cofounder of the Visible Language Workshop and founding faculty member of the MIT Media Lab. She was also Associate Professor of Advertising Design at Massachusetts College of Art from 1962 to 1967.

You will perhaps notice that so many of the fantastic books in this season's catalog contend with notions of dignity, and empowerment, and care—not only for our fellow human beings, but also for our one dear planet—and ask how we can do better. In this fraught climate, when so much is at stake and so much of our bedrock is being questioned, I hope you share in my belief that it is a small measure of comfort to know that we can, and still do, strive for excellence in the work we do—for it is only in doing work of the highest standards that we are able to move the needle ever closer to dignity, empowerment, and care for us all.

Bill Smith

Director of Trade Publishing and Sales, The MIT Press

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## On Disinformation

How to Fight for Truth and Protect Democracy

Lee McIntyre

**A powerful, pocket-sized citizen's guide on how to fight back against the disinformation campaigns that are imperiling American democracy, from the bestselling author of *Post-Truth* and *How to Talk to a Science Denier*.**

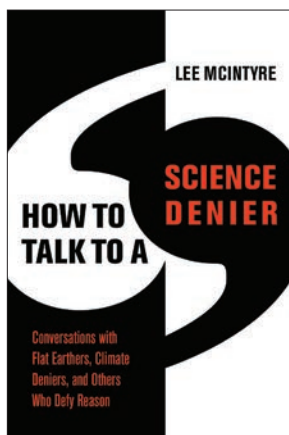
"McIntyre's latest book connects the sordid history of science denial and climate denial to today's election denial, exposing how interests exploit disinformation and work fissures in our society to weaken citizens' trust in our democracy and one another."

—**Sheldon Whitehouse,**  
**U.S. Senator, Rhode Island**

"In post-truth America, reality isn't dying by accident or suicide; it's being poisoned on purpose.... [McIntyre] names the culprits and exposes their methods. Even more important, he shows how to foil the crime. *On Disinformation* is the brisk, bracing primer that everyone should read on how to make America truthful again."

—**Jonathan Rauch, Senior Fellow,**  
**Brookings Institution, and**  
**author of *The Constitution of Knowledge: A Defense of Truth***

Also available



978-0-262-54505-1

The effort to destroy facts and make America ungovernable didn't come out of nowhere. It is the culmination of seventy years of strategic denialism. In *On Disinformation*, Lee McIntyre shows how the war on facts began, and how ordinary citizens can fight back against the scourge of disinformation that is now threatening the very fabric of our society. Drawing on his twenty years of experience as a scholar of science denial, McIntyre explains how autocrats wield disinformation to manipulate a populace and deny obvious realities, why the best way to combat disinformation is to disrupt its spread, and most importantly, how we can win the war on truth.

McIntyre takes readers through the history of strategic denialism to show how we arrived at this precarious political moment and identifies the creators, amplifiers, and believers of disinformation. Along the way, he also demonstrates how today's "reality denial" follows the same flawed blueprint of the "five steps of science denial" used by climate deniers and anti-vaxxers; shows how Trump has emulated disinformation tactics created by Russian and Soviet intelligence dating back to the 1920s; provides interviews with leading experts on information warfare, counterterrorism, and political extremism; and spells out the need for algorithmic transparency from Facebook, Twitter, and YouTube. *On Disinformation* lays out ten everyday practical steps that we can take as ordinary citizens—from resisting polarization to pressuring our Congresspeople to regulate social media—as well as the important steps our government (if we elect the right leaders) must take.

Compact, easy-to-read, and never more urgent, *On Disinformation* does nothing less than empower us with the knowledge needed to save our republic from autocracy before it is too late.

**Lee McIntyre** is Research Fellow at the Center for Philosophy and History of Science at Boston University. He is the author of *Dark Ages: The Case for a Science of Human Behavior*, *Post-Truth*, *The Scientific Attitude: Defending Science from Denial, Fraud, and Pseudoscience*, and *How to Talk to a Science Denier* all published by the MIT Press.

political science

August  
4 x 6, 184 pp.

**US \$14.95T/\$19.95 CAN paperback**  
978-0-262-54630-0

ON  
DISINFORMATION

HOW TO  
FIGHT  
FOR TRUTH  
AND  
PROTECT  
DEMOCRACY

LEE MCINTYRE



## Her Space, Her Time

How Trailblazing Women Scientists Decoded the Hidden Universe

Shohini Ghose

**An exciting new title in the vein of *Hidden Figures*, which tells the inspiring stories of long-overlooked women physicists and astronomers who discovered the fundamental rules of the universe and reshaped the rules of society.**

Women physicists and astronomers from around the world have transformed science and society, but the critical roles they played in their fields are not always well-sung. *Her Space, Her Time*, authored by award-winning quantum physicist Shohini Ghose, brings together the stories of these remarkable women to celebrate their indelible scientific contributions.

In each chapter of the book, Ghose explores a scientific topic and explains how the women featured in that chapter revolutionized that area of physics and astronomy. In doing so, she also addresses particular aspects of women's experiences in physics and astronomy: in the chapter on time, for instance, we learn of Henrietta Leavitt and Margaret Burbidge, who helped discover the big bang and the cosmic calendar; in the chapter on space exploration, we learn of Anigaduwagi (Cherokee) aerospace scientist Mary Golda Ross, who helped make the Moon landings possible; and in the chapter on subatomic particles, we learn of Marietta Blau, Hertha Wambacher, and Bibha Chowdhuri, who contributed to the discovery of the building blocks of the universe, and, in doing so, played a crucial role in determining who gets to do physics today.

A collective story of scientific innovation, inspirational leadership, and overcoming invisibility, *Her Space, Her Time* will leave a lasting impression on any reader curious about the rule-breakers and trendsetters who illuminated our understanding of the universe.

**Shohini Ghose** is Professor of Physics and Computer Science at Wilfrid Laurier University, Canada. She is Director of the Laurier Centre for Women in Science (WinS) and the NSERC Chair for Women in Science and Engineering. She is the recipient of several awards, including a TED Senior Fellowship and selection to the College of the Royal Society of Canada, and in 2019, was among 25 women scientists worldwide featured in a UNESCO exhibit in Paris. She is the author of *Clues to the Cosmos*.

## Some of the featured women scientists in the book

Claudia Alexander  
Marietta Blau  
Harriet Brooks  
Margaret Burbidge  
Annie Jump Cannon  
Wu Chien-Shiung  
Bibha Chowdhuri  
Marie Curie  
Dilhan Eryurt  
Williamina Fleming  
Henrietta Leavitt  
Antonia Maury  
Lise Meitner  
Joyce Neighbors  
Cecilia Payne-Gaposchkin  
Mary Golda Ross  
Vera Rubin  
Hertha Wambacher  
Navajo women of Shiprock  
Women of the Manhattan Project

science

October  
6 x 9, 256 pp.  
34 b&w illus.

**US \$29.95T cloth**

978-0-262-04831-6

not for sale in Canada or on the Indian subcontinent

# Shohini Ghose talks with the MIT Press



Shohini Ghose

## Q What inspired you to write *Her Space, Her Time*?

**A** When I was a student, my physics classes were filled with the heroic contributions of scientists such as Einstein, Newton, Maxwell, Feynman, Hawking, Galileo, Heisenberg, Bohr... and many more. There was never any mention of women scientists. Even Marie Curie was nowhere to be found in physics textbooks (she is sometimes mentioned in chemistry texts). My own journey through physics was also a lonely one. I was often the only woman in the classroom and wondered whether I belonged there at all. As I began my physics research career, I also began to research the history of women in physics and astronomy. I discovered that women have made major contributions to every big physics discovery, including relativity, quantum physics, the big bang, dark matter, and the Standard Model of particle physics. They became my personal source of strength and inspiration. I searched in vain for a book that told the stories of these women physicists and astronomers from around the world. That's when I realized that I wanted to share their stories myself.



Dilhan Eryurt

## Q Of all the women scientists you profile in your book, who did you feel was the most unsung? Which accomplishments would you most like to see recognized?

**A** All the women in the book deserve to be much more celebrated and recognized, but if I had to pick one, it would be Austrian physicist Marietta Blau. Her photographic method to image subatomic particles kickstarted the entire field of particle physics and directly led to the discovery of fundamental particles in nature, and the development of the Standard Model. She published dozens of papers on her research, but she had to flee from her country during the Nazi regime and her immense contributions were mostly forgotten by the time she passed away, uncelebrated.



Marietta Blau



Wu Chien-Shiung

## Q Could you share some of the stories that inspired you the most? And what did you learn while you were writing your book?

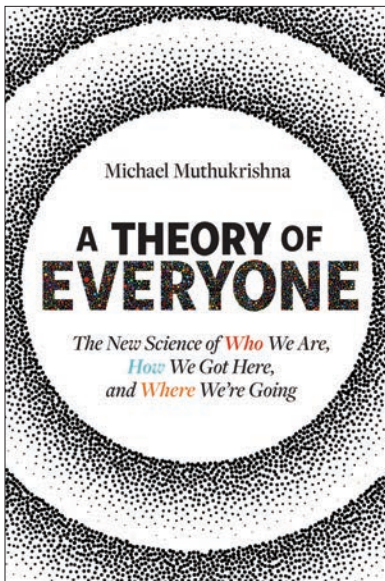
**A** Turkish physicist Dilhan Eryurt's research on the solar system helped make NASA's Apollo program to land astronauts on the Moon successful. She could have stayed on at NASA, but she remembered her father's advice to do something for her country. She chose to return to Turkey and built an astronomy research community there that now includes hundreds of researchers. She also advocated for the building of a national observatory in Turkey that has made important discoveries including a new planet orbiting a distant star. She and the other women in the book redefined for me what it means to be a successful scientist and exemplified the broad impact women scientists can have on science and society.

## Q What were some of the greatest challenges that women scientists faced in the past, and what challenges do they still face?

**A** Almost all the women in the book experienced the Matilda effect of having their work attributed to others who were men. They were often not acknowledged as being as competent as the men, and did not have access to the resources, networks, and platforms that men had. All of these challenges unfortunately still exist today (but to a different degree), as I have tried to highlight in the book by weaving in my own experiences as a physicist.

## Q How would you define success for your book? Who would you hope reads it? And how do you think your book can help shape conversations and experiences in the STEM fields for current and future generations of girls and young women?

**A** I dream of a day when a book celebrating women physicists and astronomers would not be needed because they would already be celebrated in every physics textbook and in the media, along with the men. I hope my book will help us get there. I would consider the book to be successful if it not only inspires, entertains, and engages readers, but also triggers new conversations about gender bias and leads to actions that make science more inclusive. I hope the book normalizes the idea that science is for everyone and that science needs everyone. I think my book is for anyone who loves the wonder of discovery and is curious about the human stories behind the great advances in knowledge and understanding of our incredible universe.



## A Theory of Everyone

The New Science of Who We Are, How We Got Here, and Where We're Going

Michael Muthukrishna

**A blueprint for a better future that offers a unified theory of human behavior, culture, and society.**

Playing on the phrase “a theory of everything” from physics, Michael Muthukrishna’s ambitious, original, and deeply hopeful book *A Theory of Everyone* draws on the most recent research from across the sciences, humanities, and the emerging field of cultural evolution to paint a panoramic picture of who we are and what exactly makes human beings different from all other forms of life on the planet.

Muthukrishna argues that it is our unique ability to create culture, a shared body of knowledge, skills, and experience passed on from generation to generation, that has enabled our current dominance. But it is only by understanding and applying the laws of life—the need for energy, innovation, cooperation, and evolution—that we can solve the practical and existential challenges we face as a species. *A Theory of Everyone* attempts to provide solutions for the most pressing problems of our collective future, such as polarization, inequality, the “great stagnation” in productivity, and the energy crisis.

Casting a bold and wide net, Muthukrishna’s book is a must-read for anyone interested in a better future for ourselves and for generations to come.

**Michael Muthukrishna** is Associate Professor of Economic Psychology in the Department of Psychological and Behavioural Science and Affiliate in Developmental Economics and Data Science at the London School of Economics and Political Science (LSE). His work on cultural evolution focuses on answering three big questions: why humans are so different from other animals, what are the psychological and evolutionary processes that underlie culture and social change, and how the answers to these questions can be used to tackle some of the biggest challenges we face as a species.

psychology | science

October  
6 x 9, 408 pp.  
25 b&w illus.

**US \$32.95T/\$43.95 CAN cloth**  
978-0-262-04837-8

not for sale in Europe or the UK

# The Age of Prediction

Algorithms, AI, and the Shifting Shadows of Risk

Igor Tulchinsky and Christopher E. Mason

**The power of the ever-increasing tools and algorithms for prediction and their paradoxical effects on risk.**

*The Age of Prediction* is about two powerful, and symbiotic, trends: the rapid development and use of artificial intelligence and big data to enhance prediction, as well as the often paradoxical effects of these better predictions on our understanding of risk and the ways we live. Beginning with dramatic advances in quantitative investing and precision medicine, this book explores how predictive technology is quietly reshaping our world in fundamental ways, from crime fighting and warfare to monitoring individual health and elections.

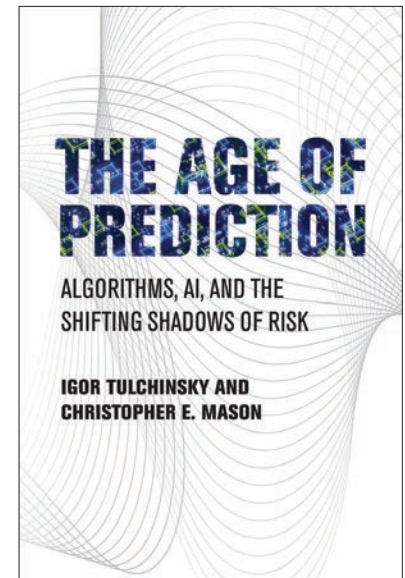
As prediction grows more robust, it also alters the nature of the accompanying risk, setting up unintended and unexpected consequences. *The Age of Prediction* details how predictive certainties can bring about complacency or even an increase in risks—genomic analysis might lead to unhealthier lifestyles or a GPS might encourage less attentive driving. With greater predictability also comes a degree of mystery, and the authors ask how narrower risks might affect markets, insurance, or risk tolerance generally. Can we ever reduce risk to zero? Should we even try? This book lays an intriguing groundwork for answering these fundamental questions and maps out the latest tools and technologies that power these projections into the future, sometimes using novel, cross-disciplinary tools to map out cancer growth, people’s medical risks, and stock dynamics.

**Igor Tulchinsky** is Founder, Chairman, and CEO of WorldQuant, a quantitative investment firm based in Old Greenwich, Connecticut. He is the author of *Finding Alphas: A Quantitative Approach to Building Trading Strategies* and *The UnRules: Man, Machines and the Quest to Master Markets*. **Christopher E. Mason** is a geneticist and computational biologist who has been Principal Investigator and Co-investigator of 11 NASA missions and projects. Mason is Professor of Genomics, Physiology, and Biophysics at Weill Cornell Medicine and Director of the WorldQuant Initiative for Quantitative Prediction. He also holds affiliate appointments at the New York Genome Center, Yale Law School, and the Consortium for Space Genetics at Harvard Medical School. Dr. Mason is the author of *The Next 500 Years: Engineering Life to Reach New Worlds* (The MIT Press).

business | economics

August  
6 x 9, 232 pp.  
13 b&w illus.

**US \$27.95T/\$36.95 CAN cloth**  
978-0-262-04773-9



“At the dawn of what they aptly call ‘The Age of Prediction,’ Tulchinsky and Mason give us an exceptionally clear view of the interplay between risk and uncertainty—a guide for what’s to come.”

—**Alyssa Goodman, Professor, Harvard University; Founder, The Prediction Project (predictionx.org)**

“With multimodal data and foundation models, we’re getting better at predicting everything from earthquakes to health care risks. The extraordinary range of how this may be applied, along with caveats, is nicely captured—with optimism—by an ‘odd couple’ of authors with interdisciplinary expertise, in *The Age of Prediction*.”

—**Eric Topol, author of Deep Medicine**

“After explaining the common predictive thread underlying diminishing risk in medicine and finance, Mason and Tulchinsky ask if we will ever predict all human behavior. Their analysis is brilliant.”

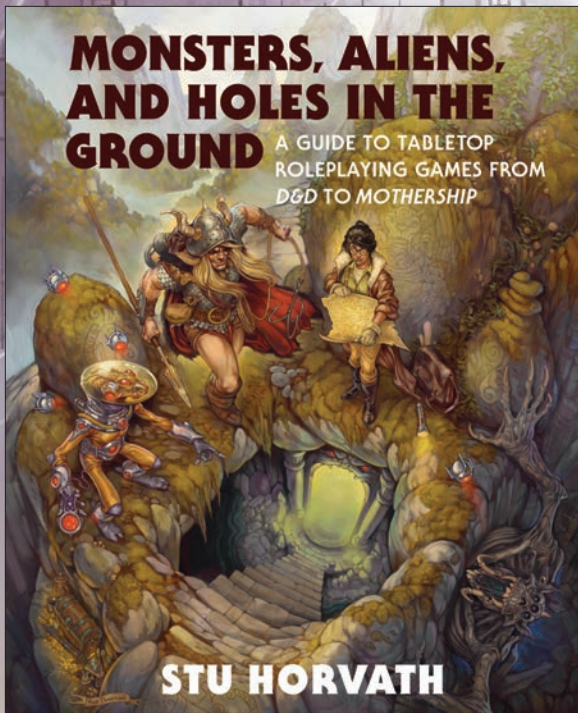
—**Michael Milken, chairman, Milken Institute; author of Faster Cures: Accelerating the Future of Health**



## **Games included:**

**Tunnels & Trolls**  
**Bunnies & Borrows**  
**Metamorphosis Alpha**  
**Traveller**  
**The Fantasy Trip/In the Labyrinth**  
**Gamma World**  
**RuneQuest**  
**Dallas**  
**Call of Cthulhu**  
**Champions**  
**Thieves' World**  
**Stormbringer**  
**Star Frontiers**  
**Fighting Fantasy**  
**Star Trek**  
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**GURPS**  
**Ghostbusters**  
**Star Wars**  
**Cyberpunk**  
**Bullwinkle and Rocky**  
**HeroQuest**  
**Shadowrun**





## Monsters, Aliens, and Holes in the Ground

A Guide to Tabletop Roleplaying Games from *D&D* to *Mothership*

Stu Horvath

**A richly illustrated, encyclopedic deep dive into the history of roleplaying games.**

When Gary Gygax and Dave Arneson released *Dungeons & Dragons* in 1974, they created the first roleplaying game of all time. Little did they know that their humble box set of three small digest-sized booklets would spawn an entire industry practically overnight. In *Monsters, Aliens, and Holes in the Ground*, Stu Horvath explores how the hobby of roleplaying games, commonly known as RPGs, blossomed out of an unlikely pop culture

phenomenon and became a dominant gaming form by the 2010s. Going far beyond *D&D*, this heavily illustrated tome covers more than three hundred different RPGs that have been published in the last five decades.

*Monsters, Aliens, and Holes in the Ground* features (among other things) bunnies, ghostbusters, soap operas, criminal bears, space monsters, political intrigue, vampires, romance, and, of course, some dungeons and dragons. In a decade-by-decade breakdown, Horvath chronicles how RPGs have evolved in the time between their inception and the present day, offering a deep and gratifying glimpse into a hobby that has changed the way we think about games and play.

A deluxe edition of this book is also available from MIT Press. The deluxe edition includes a foil-stamped cover and slipcase with a cloth binding, a ribbon, gilded edges, and an 8.5x11-inch card stock poster of the regular edition.

**Stu Horvath** is a writer from New Jersey. He is the founder of Unwinnable, an outlet for independent cultural criticism. He also manages the VintageRPG account on Instagram and cohosts the Vintage RPG Podcast.

games  
October  
8 1/2 x 11, 456 pp.  
349 color photos, 12 color illus.,  
28 b&w illus.

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**US \$125.00T/\$163.00 CAN cloth**  
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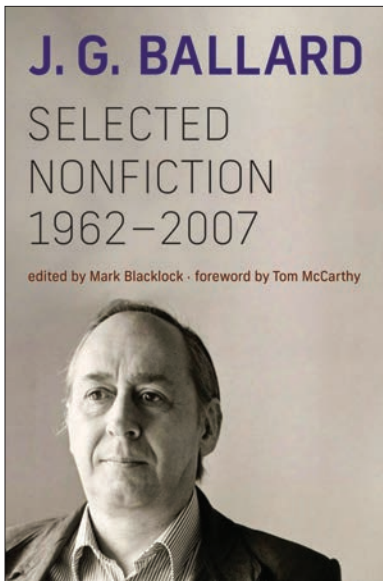
“Horvath’s love for the genre shines through every entry in this immaculately researched tome. It’s exhaustive but not exhausting; you’ll keep reading for pleasure long after you’ve found the info you came for.”

—**Steve Jackson, perpetrator of *Munchkin***

“Stu Horvath has lovingly compiled this guide through tabletop RPG history with profound care, and I cannot wait to revisit this tome time and again!”

—**Skinner, psychedelic nightmare artist**





## Selected Nonfiction, 1962–2007

J. G. Ballard

edited by Mark Blacklock

foreword by Tom McCarthy

**J. G. Ballard's collected nonfiction from 1962 to 2007, mapping the cultural obsessions, experiences, and insights of one of the most original minds of his generation.**

J. G. Ballard was a colossal figure in English literature and an imaginative force of the twentieth century. Alongside his major novels—from the notorious *Crash* (1973) to the semi-autobiographical *Empire of the Sun* (1984)—Ballard was a sought-after reviewer and commentator, publishing journalism, memoir, and cultural criticism in a variety of forms. *Selected Nonfiction, 1962–2007* collects the most significant short nonfiction of Ballard's career, extending the range of the only previous collection of his nonfiction, *A User's Guide to the Millennium* (1996), which selected essays and reviews published between 1962 and 1995.

A decade on from Ballard's death in 2009, a new generation of readers needs a new collection. In the period following *A User's Guide*, Ballard's writing addressed 9/11, British politics from New Labour onward, and what he termed “the rise of soft fascism”—a diagnosis that maintains its relevance amid a shift toward right populism in European and US politics. Beautifully edited by Ballard scholar and novelist Mark Blacklock, this volume includes Ballard's editorials and manifestos; commentaries on his own work; commentaries on the work of others; reviews; and more. Above all, it makes the case for the currency of Ballard's work at a contemporary juncture at which so many of his diagnoses concerning the media and politics have become apparent.

**J. G. Ballard** (1930–2009) was a British author and journalist. Best known for his dystopic works of science fiction, his novels include *Crash* (1973) and *High-Rise* (1975). His semi-autobiographical novel *Empire of the Sun* (1984) was adapted by Stephen Spielberg in the 1987 film of the same name. Luminous, wry, and arresting, Ballard's writing endures as a touchstone for popular conceptions of post-apocalyptic landscapes, mass media, and emergent technologies.

**Mark Blacklock** is Lecturer in Modern and Contemporary Literature at Birkbeck College, University of London. He is the author of the cultural history *The Emergence of the Fourth Dimension*, and his most recent novel *Hinton* was longlisted for the Walter Scott Prize for Historical Fiction in 2021.

literature | essays

October  
6 x 9, 400 pp.

**US \$32.95T/\$43.95 CAN cloth**  
978-0-262-04832-3

## Inside the Star Factory

The Creation of the James Webb Space Telescope, NASA's Largest and Most Powerful Space Observatory

**NASA Photographer Chris Gunn, with Christopher Wanjek**

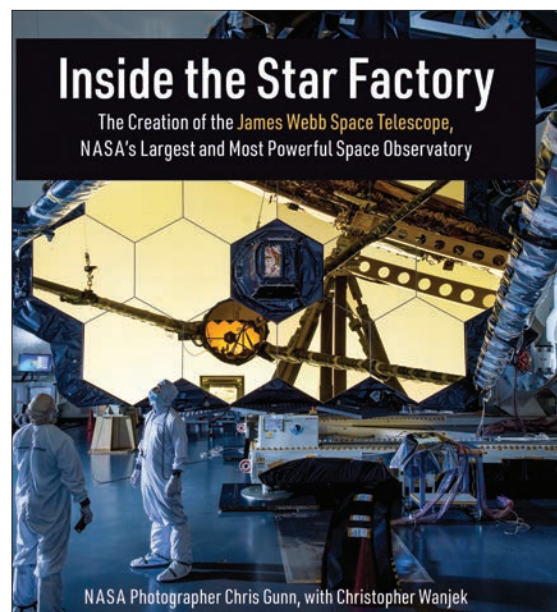
**A fascinating, ground-level backstage pass to the creation, launch, and reach of the James Webb Space Telescope.**

NASA's James Webb Space Telescope, the world's largest orbiting astronomy observatory, is now nearly a million miles from Earth, probing the first stars and galaxies, documenting the structure and evolution of the universe, and searching for signs of life in other solar systems. In a series of extraordinary photographs, *Inside the Star Factory* tells the story of the Webb Telescope from conception to launch—a marvel of ingenuity and engineering that entailed more than 100 million people hours over a span of thirty years.

The project's lead photographer Chris Gunn was there from the start, documenting the Webb's tumultuous history—the behind-the-scenes details of its construction, from the cutting-edge technology required for an observatory operating at temperatures as low as  $-370^{\circ}\text{F}$ , beyond reach for repair, to the human story of an engineering team pursuing an unprecedented goal under incomparable pressure. Derided as the “telescope that ate astronomy,” billions of dollars over budget, ten years over schedule, nearly canceled twice, Webb was simply too big to fail.

Accompanied by science writer Christopher Wanjek's overview of the Webb's history and profiles of the scientists and engineers who built it, this exclusive illustrated guide shows readers the heady world of scientific discovery at the very limits of human knowledge—and the very beginning of space and time.

**Chris Gunn** is a photographer based in Washington, DC, who specializes in creating images of science and technology. His photographs have been featured in *Scientific American*, *Wired*, *National Geographic*, and the *New York Times*. **Christopher Wanjek** is the author of *Bad Medicine*, *Food at Work*, and the acclaimed *Spacefarers: How Humans Will Settle the Moon, Mars, and Beyond*. His work has appeared in such venues as the *Washington Post*, *Smithsonian*, and *Live Science*.



“This book is the only one you’ll need on the engineering marvel that JWST truly is. From the people behind the instrument to the telescope itself, I got lost in every image of the story.”

—**Becky Smethurst, Royal Astronomical Society Research fellow, University of Oxford; author of *A Brief History of Black Holes*; host of “Dr. Becky” on YouTube**

“Inside the clean rooms where everything happened, Gunn and Wanjek’s account of the brilliant people who built Webb is as awe-inspiring as the mission itself.”

—**Christian Ready, Lecturer of Astronomy and Astrophysics, Towson University; host of “Launch Pad Astronomy” on YouTube**

science | astronomy

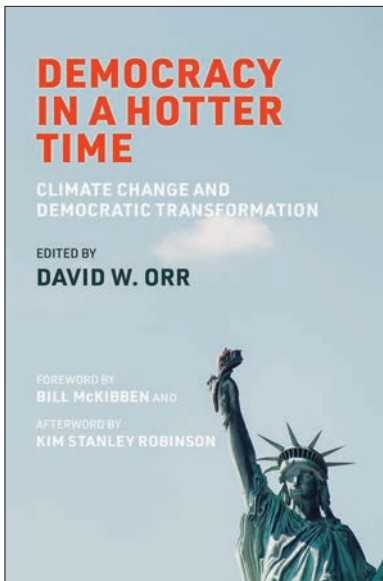
October

10 x 11, 188 pp.

100 color illus.

**US \$44.95T/\$59.95 CAN cloth**

978-0-262-04790-6



# Democracy in a Hotter Time

Climate Change and Democratic Transformation

edited by **David W. Orr**

foreword by Bill McKibben and afterword by  
Kim Stanley Robinson

**The first major book to deal with the dual crises of democracy and climate change as one interrelated threat and to identify a path forward.**

*Democracy in a Hotter Time* calls for reforming democratic institutions as a prerequisite for avoiding climate chaos and adapting governance to how Earth works as a physical system. To survive in the “long emergency” ahead, we must reform and strengthen democratic institutions, making them assets rather than liabilities. Edited by David W. Orr, this vital collection of essays proposes a new political order that will not only help humanity survive but also enable us to thrive in the transition to a post-fossil fuel world.

Orr gathers leading scholars, public intellectuals, and political leaders to address the many problems confronting our current political systems. Few other books have taken a systems view of the effects of a rapidly destabilizing climate on our laws and governance or offered such a diversity of solutions. These thoughtful and incisive essays cover subjects from Constitutional reform to participatory urban design to education; together, they aim to invigorate the conversation about the human future in practical ways that will improve the effectiveness of democratic institutions and lay the foundation for a more durable and just democracy.

**David W. Orr** is Professor of Practice at Arizona State University and the author of eight books variously about education, climate, and ecological design, including *Design on the Edge* (MIT Press). He has been awarded nine honorary degrees and a dozen other awards, including lifetime achievement awards from the US Green Building Council and the North American Association for Environmental Education.

political science | environment

September  
6 x 9, 288 pp.

**US \$24.95T/\$33.95 CAN paperback**  
978-0-262-04859-0

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Michael Oppenheimer

Wellington Reiter

Anne-Marie Slaughter

## Defending Animals

Finding Hope on the Front Lines of Animal Protection

Kendra Coulter

**An in-depth look at the urgent struggle to protect animals from harm, cruelty, injustice, extinction, and their greatest threat—us.**

Beloved dogs and cats. Magnificent horses and mountain gorillas. Curious chickens. What do we actually do to protect animals from harm—and is it enough? This engaging book provides a unique and eye-opening exploration of the world of animal protection as people defend diverse animals from injustice and cruelty. From the streets of major US cities to remote farms and tropical forests, *Defending Animals* is a gritty and moving portrait of the real work of animal protection that takes place in communities, courtrooms, and boardrooms.

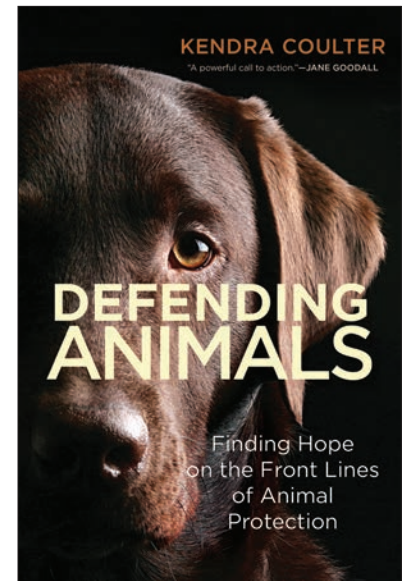
Globally recognized expert Kendra Coulter takes readers across the different landscapes of animal protection to meet people and animals of all kinds, from cruelty investigators to forensic veterinarians, wildlife rehabilitators and conservation leaders to animal lawyers and entrepreneurs, each working in their own ways to defend animals. Bringing unparalleled research and a distinct and nuanced analytical viewpoint, *Defending Animals* shows that animal protection is not only physical, intellectual, and emotional work but also a labor so rooted in empathy and care that it just might bridge the vast divide between polarized people and help create a more humane future for us all.

**Kendra Coulter** is Professor in Management and Organizational Studies at Huron University College at Western University and a Fellow of the Oxford Centre for Animal Ethics.

nature

September  
6 x 9, 256 pp.  
3 b&w illus.

**US \$24.95T/\$33.95 CAN paperback**  
978-0-262-04828-6



"*Defending Animals* is a compelling exploration of animal protection, challenging readers to build a more compassionate and equitable world. A powerful call to action."

—Jane Goodall, PhD, DBE,  
Founder of the Jane Goodall  
Institute & UN Messenger  
of Peace

# The Claims of Life

A Memoir

Diana Chapman Walsh

**The engaging memoir of a legendary president of Wellesley College known for authentic and open-hearted leadership, who drove innovation with power and love.**

*The Claims of Life* traces the emergence of a young woman who set out believing she wasn't particularly smart but went on to meet multiple tests of leadership in the American academy—a place where everyone wants to be heard and no one wants a boss. In college, Diana Chapman met Chris Walsh, who became a towering figure in academic science. Their marriage of fifty-seven years brought them to the forefront of revolutions in higher education, gender expectations, health care delivery and biomedical research.

*The Claims of Life* offers readers an unusually intimate view of trustworthy leadership that begins and ends in self-knowledge. During a transformative fourteen-year Wellesley presidency, Walsh advanced women's authority, compassionate governance, and self-reinvention. After Wellesley, Walsh's interests took her to the boards of five national nonprofits galvanizing change. She kept counsel with Nobel laureates, feminist icons, and even the Dalai Lama, seeking solutions to the world's climate crisis.

With an ear tuned to social issues, *The Claims of Life* is an inspiring account of a life lived with humor, insight, and meaning that will surely leave a lasting impression on its readers.

**Diana Chapman Walsh** is President Emerita of Wellesley College, and an emerita member of the governing boards of MIT and Amherst College. She was a trustee of the Kaiser Family Foundation, the Institute for Healthcare Improvement, and the Mind and Life Institute, and she also chaired the Broad Institute's inaugural board and cofounded the Council on the Uncertain Human Future. She is the author, coauthor, and editor of numerous books, including *Corporate Physicians: Between Medicine and Management*.

memoir | higher education

November  
6 x 9, 360 pp.  
15 b&w photos

**US \$34.95T/\$45.95 CAN cloth**  
978-0-262-04849-1

"Diana Chapman Walsh's clear-sighted self-awareness gives us both a compelling personal memoir and an insightful guide to leadership. It is a pleasure to read."

—**Drew Gilpin Faust, Arthur Kingsley Porter University and Professor President Emerita of Harvard University**

# Notebooks of a Wandering Monk

Matthieu Ricard

Translated by Jesse Browner

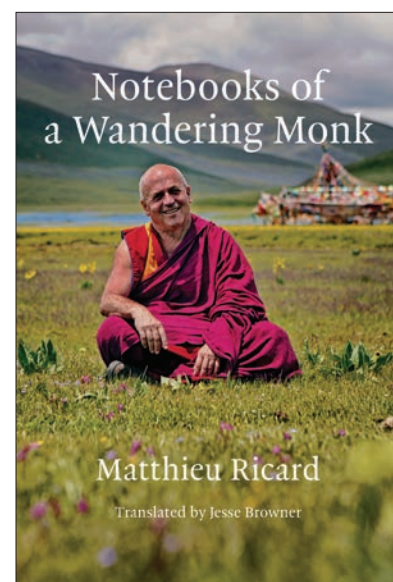
**The memoirs of renowned Buddhist monk Matthieu Ricard and his extraordinary journey toward inner freedom and compassion in action.**

Matthieu Ricard began his spiritual transformation at the age of twenty-one, in Darjeeling, India, when he met Tibetan teacher Kangyur Rinpoche, who deeply impressed the young man with his extraordinary quality of being. In *Notebooks of a Wandering Monk*, Ricard tells the simple yet extraordinary story of his journey and the remarkable men and women who inspired him along the way, including Kangyur Rinpoche, Dilgo Khyentse Rinpoche, and the fourteenth Dalai Lama, as well as great luminaries such as Desmond Tutu, Jane Goodall, and a number of leading scientists.

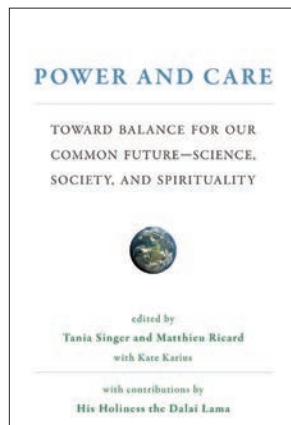
Growing up, Ricard, the son of philosopher Jean-François Revel and artist Yahne Le Toumelin, regularly found himself in the company of intellectuals and artists such as Luis Buñuel, Henri Cartier-Bresson, and Igor Stravinsky. Young Ricard loved nature, classical music, and science and dreamed of unlocking the mysteries of molecular biology. But, six years after meeting Kangyur Rinpoche, Ricard gave up a promising career in genetics to pursue a meditative life in the remote Himalayas. While spending half a century in India, Bhutan, and Nepal, he visited Tibet more than twenty times and spent years publishing rare Tibetan texts and photographing his spiritual teachers and the world in which they lived.

Elegantly translated by Jesse Browner and accompanied by more than fifty full-color photographs, some of which are Ricard's own, *Notebooks of a Wandering Monk* charts Ricard's lifelong path to wisdom and compassion. This candid and reflective memoir will inspire all readers, wherever they may be on their own journey to a meaningful and well-lived life.

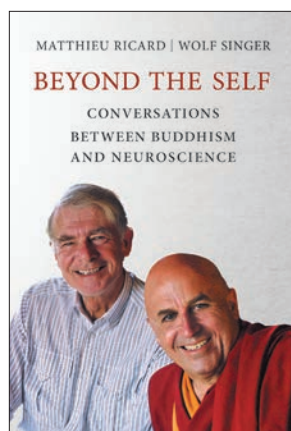
**Matthieu Ricard** is a Buddhist monk, humanitarian, writer, photographer, doctor in cellular genetics, and the French interpreter for the Dalai Lama. All of his royalties are donated to Karuna-Shechen, the humanitarian association he created twenty-two years ago, which benefits more than 450,000 underprivileged people every year in India, Nepal, and Tibet.



Also available



978-0-262-03952-9



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biography | Buddhism

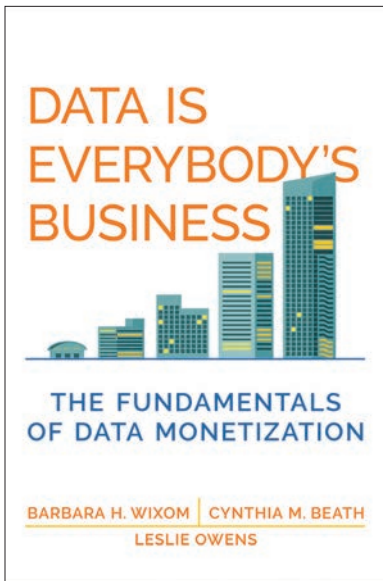
October

6 x 9, 720 pp.

57 color photos, 13 b&w photos, 5 b&w illus.

**US \$39.95T/\$53.95 CAN cloth**

978-0-262-04829-3



## Data Is Everybody's Business

The Fundamentals of Data Monetization

**Barbara H. Wixom, Cynthia M. Beath,  
and Leslie Owens**

**A clear, engaging, evidence-based guide to monetizing data, for everyone from employee to board member.**

Most organizations view data monetization—converting data into money—too narrowly: as merely selling data sets. But data monetization is a core business activity for both commercial and noncommercial organizations, and, within organizations, it's critical to have wide-ranging support for this pursuit. In *Data Is Everybody's Business*, the authors offer a clear and engaging way for people across the entire organization to understand data monetization and make it happen. The authors identify three viable ways to convert data into money—improving work with data, wrapping products with data, and selling information offerings—and explain when to pursue each and how to succeed.

Ideal for organizations engaged in data literacy training, data-driven transformation, or digital transformation, *Data Is Everybody's Business* is the essential guide for helping everybody in the organization—not just the data specialists—understand, get excited about, and participate in data monetization.

**Barbara H. Wixom** is Principal Research Scientist at the MIT Sloan Center for Information Systems Research (MIT CISR), founder of the MIT CISR Data Research Advisory Board, and faculty director for the MIT Sloan Executive Education online short course Data Monetization Strategy. **Cynthia M. Beath** is Professor Emerita at the McCombs School of Business, University of Texas at Austin. Before embarking on her academic career, she worked in private industry in several information systems development and consulting positions.

**Leslie Owens** is the former Executive Director of MIT CISR and Senior Lecturer at the MIT Sloan School of Management. Previously she was Vice President and Research Director at Forrester Research, and a manager at Abbott.

business

September  
6 x 9, 192 pp.  
25 b&w illus.

**US \$34.95T/\$45.95 CAN cloth**  
978-0-262-04821-7

Management on the Cutting Edge series

### Key features of the book:

- **Grounded in twenty-eight years of academic research, including nine years of research at the MIT Sloan Center for Information Systems Research (MIT CISR)**
- **Definitions of key terms, self-reflection questions, appealing graphics, and easy-to-use frameworks**
- **Rich with detailed case studies**
- **Supplemented by free MIT CISR website resources ([c isr.mit.edu](http://c isr.mit.edu))**



## Diversity Dividend

The Transformational Power of Small Changes to Debias Your Company, Attract Diverse Talent, Manage Everyone Better—and Make More Money

Paola Cecchi-Dimeglio

**From entry-level to the boardroom, how to create large-scale change in organizations looking to accelerate their diversity, equity, and inclusion efforts and reap financial benefits.**

Every leader endeavors to invest in and manage their key asset—talent—to be as high-performing as possible. Like a winning stock, successful diversity, equity, and inclusion (DEI) actions pay back over time. That dividend is paid both to the company—through not only higher performance, but talent acquisition, training, and other savings—and to society in general. In *Diversity Dividend*, Paola Cecchi-Dimeglio offers a fresh, detailed look at just how to realize gender and racial equity along the company-employee pathway—from attracting and interviewing applicants to onboarding, promoting, and sustaining hires—and how to remove systemic barriers at the organizational level that prevent women and underrepresented groups from advancing.

While other books have delved into DEI and the challenges inherent in sustaining successful efforts, no book has done so in concert with the depth and scope of data, basis in science, and application in the real world. In *Diversity Dividend*, Cecchi-Dimeglio artfully combines accessible anecdotal cases—where success was achieved or where, despite best intentions and efforts, things did not go as expected—with scientifically rigorous solutions as well as applications of data and big data.

As empowering as it is comprehensive, *Diversity Dividend* helps remove the guesswork and near superstition that naturally arise when some methods work and others fail, thereby giving leaders the tools and insight to make informed choices at the right moments to create lasting change.

**Paola Cecchi-Dimeglio** is Faculty Chair of the Executive Leadership Research Initiative for Women and Minority Attorneys (ELRIWMA) and affiliated faculty at Harvard Law School (Center on the Legal Profession) and Harvard Kennedy School in the Women and Public Policy Program (WAPPP).

business

September  
6 x 9, 264 pp.

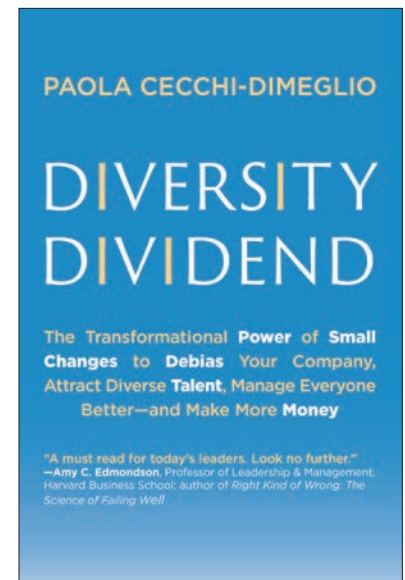
**US \$29.95T/\$39.95 CAN cloth**  
978-0-262-04840-8

“A must-read for anyone striving to improve gender and racial diversity.”

—**Iris Bohnet, Professor, Harvard University, author of *What Works: Gender Equality by Design***

“This timely masterpiece is a game-changing resource for making a real impact.”

—**Francesca Daverio, Head of Office, Legal Vice Presidency, World Bank**



# Code to Joy

Why Everyone Should Learn a Little Programming

Michael L. Littman

**How we can get more joy from our machines  
by telling them what our hearts desire.**

In this informative, accessible, and very funny book, Michael Littman inspires readers to learn how to tell machines what to do for us. Rather than give in to the fear that computers will steal our jobs, spy on us, control what we buy and whom we vote for, we can improve our relationship with them just by learning basic programming skills. Our devices will help us, Littman writes, if we can say what we want in a way they can understand.

Each chapter of the book focuses on a particular element of what can be said, providing examples of how we use similar communication in our daily interactions with people. Littman offers ways readers can experiment with these ideas right away, using publicly available systems that might also make us more productive as a welcome side effect. Each chapter also reflects on how the use of these programming components can be expedited by machine learning. With humor and teacherly guidance, *Code to Joy* brings into view a future where programming is like reading—something everyone can learn.

**Michael L. Littman** is University Professor of Computer Science at Brown University and holds an adjunct position with the Georgia Institute of Technology College of Computing. He was selected by the American Association for the Advancement of Science as a Leadership Fellow for Public Engagement with Science in Artificial Intelligence.

computer science

October  
6 x 9, 232 pp.  
21 b&w illus.

**US \$27.95T/\$36.95 CAN paperback**

978-0-262-54639-3

## Seeing the Mind

Spectacular Images from Neuroscience, and What They Reveal about Our Neuronal Selves

Stanislas Dehaene

**A lavishly illustrated and accessibly explained deep dive into the major new findings from cognitive neuroscience.**

Who are we? To this age-old question, contemporary neuroscience gives a simple answer: we are exquisite neuronal machines. Each of our dreams, thoughts, and feelings arises from a pattern of activity in our brain. In Stanislas Dehaene's *Seeing the Mind*, we learn not only that the mind maps onto the brain, but also that it is just a complex electrical motif on the tapestry of our neurons. In this richly illustrated and highly accessible book, Dehaene uses the power of brain images to tell the story of centuries-old efforts to understand who we are, and how it is possible that our thoughts emerge from just three pounds of flesh.

*Seeing the Mind* is divided into one hundred topics, each described by a spectacular full-page color image and, on the facing page, a brief text that explains what this image means and why it matters. By weaving together images and text, the book brings readers into the intimacy of their own brains. As Dehaene explains, "All the gorgeous biological processes that you are about to discover are taking place, right now, inside your own brain."

A modern cabinet of curiosities, *Seeing the Mind* is an intriguing and memorable read that will astonish readers with a direct, face-to-face meeting with themselves—and with the material stuff of their thoughts and dreams.

**Stanislas Dehaene** is Chair of Experimental Cognitive Psychology at the Collège de France and Director of NeuroSpin, France's advanced brain imaging research center. He is the author of *The Number Sense*, *Reading in the Brain*, *Consciousness and the Brain*, and *How We Learn*. Together his books have been translated into more than fifteen languages.

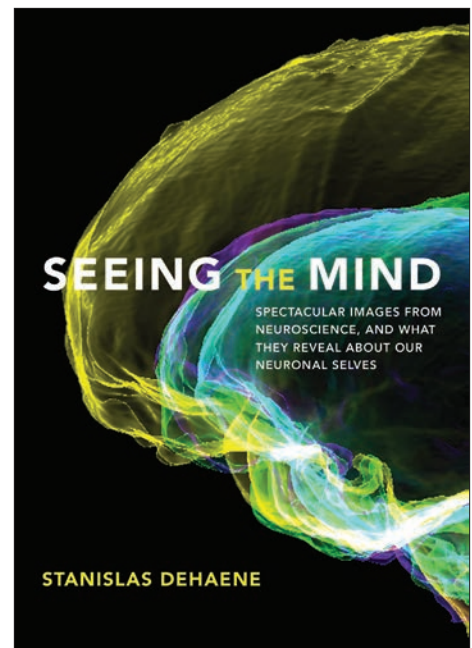
science | psychology

October  
7 x 10, 208 pp.  
108 color illus.

**US \$36.95T/\$49.95 CAN cloth**

978-0-262-04844-6

for sale in North America only



# A Heart Afire

Helen Brooke Taussig's Battle Against Heart Defects, Unsafe Drugs, and Injustice in Medicine

Patricia Meisol

**A deeply compelling biography of the pioneering children's heart doctor Helen Taussig, who helped start heart surgery and became a global force against preventable suffering.**

In *A Heart Afire*, Patricia Meisol renders a moving portrait of the indomitable pediatrician and global patient activist Helen Taussig (1898–1986), who famously gathered and publicized evidence linking thalidomide to birth defects, leading to US drug safety laws. Taussig also developed the Blalock-Taussig shunt (along with Alfred Blalock) for infants with congenital heart defects. Spanning Taussig's childhood in Boston, her struggle with dyslexia, her progressive hearing loss, her research contributions, and the founding of her own fledgling children's heart clinic, this book chronicles Taussig's ambition, tenacity, and formidable work ethic. As Meisol shows, Taussig not only saved lives, but also set a bold precedent for other women doctors in the twentieth century, who were largely excluded from medicine.

Meticulously researched and intimately told, *A Heart Afire* is unique in its use of a fifty-year-long campaign by Taussig's followers for a worthy memorial portrait and shows how views of women doctors have evolved. Meisol reveals Taussig as an authentic American hero, one who embodies the Emersonian ethic of developing oneself, following the processes of nature, and serving the public. A fiercely independent thinker, Taussig infused herself and her ideas into the medical culture, paving the way not only for other professional women but also for patients then and now to advocate for themselves. Offering an indispensable look at health care as a universal human right, *A Heart Afire* is a beacon and a blueprint for creating a more just and compassionate world of medicine.

**Patricia Meisol** is a narrative nonfiction writer and essayist who has been nominated for the Pulitzer Prize multiple times. She previously served in the US Department of Health and Human Services.

biography | medicine

December  
6 x 9, 360 pp.  
5 b&w illus.

**US \$39.95T/\$53.95 CAN cloth**  
978-0-262-04852-1



## Mondrian's Dress

Yves Saint Laurent, Piet Mondrian,  
and Pop Art

**Nancy J. Troy and  
Ann Marguerite Tartsinis**

**An extraordinary look at how the style of Piet Mondrian's abstract paintings was posthumously appropriated by 1960s fashion, Pop art, and consumer culture.**

Yves Saint Laurent's 1965 Mondrian dresses are among the twentieth century's most celebrated and recognizable fashions, but the context of their creation involves much more than meets the eye. In *Mondrian's Dress*, Nancy Troy and Ann Marguerite Tartsinis offer a fresh approach to the coupling of Piet Mondrian's interwar paintings with Saint Laurent's couture designs by exposing the

rampant merchandising and commodification that these works experienced in the 1960s. The authors situate the consolidation of Saint Laurent's fashion brand alongside the work of such Pop artists as Roy Lichtenstein, Andy Warhol, and Tom Wesselmann, and show how conventional understandings of Mondrian's avant-garde abstractions were transformed by the mass circulation of his signature style.

Beyond its attention to 1960s fashion, Pop art, and consumer culture, *Mondrian's Dress* offers critical assessments of Saint Laurent's so-called dialogue with art, the remarkable art collection that he built with his partner Pierre Berge, and the crucial role that photography plays in the marketing of couture. The first book-length study of its kind, *Mondrian's Dress* is a provocative reevaluation of how art, commerce, and fashion became fundamentally intertwined in the postwar period.

**Nancy J. Troy** is Victoria and Roger Sant Professor in Art Emerita at Stanford University. She is the author of *Couture Culture*, *Architecture and Cubism* (edited with Eve Blau), and *The De Stijl Environment* (all published by the MIT Press), among other books on twentieth-century art and visual culture. **Ann Marguerite Tartsinis** is a scholar of twentieth-century American art, craft, and design. From 2010 to 2016, she was Associate Curator at the Bard Graduate Center and is the author of *An American Style: Global Sources for New York Textile and Fashion Design, 1915–1928*.

art | design

October  
9 1/2 x 12 1/4, 192 pp.  
91 color illus., 41 b&w illus.

**US \$49.95 / \$65.95 CAN cloth**  
978-0-262-04835-4



**AMAZA LEE MEREDITH  
IMAGINES HERSELF MODERN**  
ARCHITECTURE AND THE  
BLACK AMERICAN MIDDLE CLASS

Jacqueline Taylor

## Amaza Lee Meredith Imagines Herself Modern

Architecture and the Black American Middle Class

Jacqueline Taylor

**The extraordinary life and work of architect Amaza Lee Meredith, and the role modernism and material culture played in the aspiring Black American middle class of the early twentieth century.**

*Amaza Lee Meredith Imagines Herself Modern* tells the captivating story of Amaza Lee Meredith, a Black woman architect, artist, and educator born into the Jim Crow South, whose bold choices in both life and architecture expand our understanding of the Great Migration and the Harlem Renaissance, while revealing the importance of architecture as a force in Black middle-class identity. Through her charismatic protagonist, Jacqueline Taylor derives new insights into the experiences of Black women at the forefront of culture in early twentieth-century America, caught between expectation and ambition, responsibility and desire.

Central to Taylor's argument is that Meredith's response to modern architecture and art, like those of other Black cultural producers, was not marginal to the modernist project; instead, her work reveals the tensions and inconsistencies in how American modernism has been defined. In this way, the book shines a necessary light on modernism's complexity, while overturning perceived notions of race and gender in relation to the modernist project and challenging the notion of the white male hero of modern architecture.

**Jacqueline Taylor** is an award-winning researcher and writer who focuses on the built environment and art with specific reference to issues of race and gender. She has worked in public practice and academe and has published widely in edited volumes and anthologies, including *Southern Cultures* and *Suffragette City: Women, Politics, and the Built Environment*.

architecture | biography

November  
6 1/4 x 9 1/2, 320 pp.  
67 b&w illus., 18 color plates

**US \$39.95T/\$53.95 CAN cloth**  
978-0-262-04834-7



Amaza Lee Meredith

## Jacqueline Taylor talks with the MIT Press

**Q What drew you to Amaza Lee Meredith (1895–1984)? How did her work respond to and inform the modernist project?**

**A** It was the building that first caught my attention. How did such a radical rejection of local architectural precedent, focused on the colonial revival style, insert itself into this small, seemingly insignificant southern town? Who was the architect and what was their purpose in expressing these modern ideas in such concrete form? Through hours of research and reading of correspondence, I grew to know Amaza Lee Meredith. Here was an African American woman who dared to enter the professional field dominated by men. Her avant-garde stylistic and material choices boldly expressed a life reflective of her own needs not those of a society that demanded women, particularly Black women, conform to chaste notions of female identity. Meredith was curious, adventuresome, and daring, her architectural choices and commitment to arts education, offered African Americans a new way forward.

**Q Your book is a beautiful, untold history of LGBTQ individuals in early 20th-century America. Please share a little bit about Edna Meade Colson (1888–1985) and her relationship to Meredith.**

**A** Meredith and Edna Meade Colson were mutually attracted to each other from the start. Although a few years her senior, and initially her college professor, Colson enjoyed Meredith's playful character and was enticed by her unorthodox attitude to life. A bright and beautiful woman, Colson was raised in a family committed to establishing a respectable African American presence. Typical of other educated Black families, they considered it their duty to assist others in fulfilling a more ambitious role in a society that consistently demanded subservience. Colson was educated in the higher institutions of the Black elite. She was a popular young woman who was courted by several male suitors. Meredith however, pursued Colson with determination, finding her open to new forms of intimacy and companionship. At a critical juncture in her life, Colson made a choice to follow her romantic and sexual instincts and broke free of conformative social expectations, committing to a relationship with Amaza Meredith. The construction of a home, a place where the two women could feel safe and established, was the physical embodiment of a relationship that nurtured them to the end of their days.

**Q How does Meredith's voice expand our understanding of the Great Migration and Harlem Renaissance?**

**A** During her sojourn as a student in New York city, Meredith gained new knowledge of creative ideas. She then took these ideas back to the southern town of Petersburg, Virginia, where she built her modern house and taught a new generation of students the theories of modern art and architecture. In this way, she extended the reach of the Harlem Renaissance—a cultural and intellectual movement that expressed exciting new ideas of African American creativity and identity—across geographies and disciplines to challenge the hegemony of modern architecture as a white male European phenomenon.

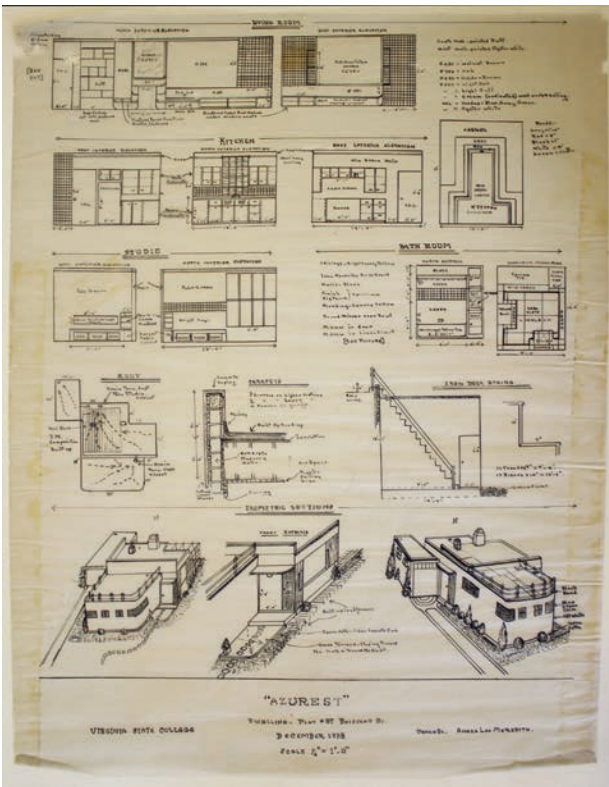
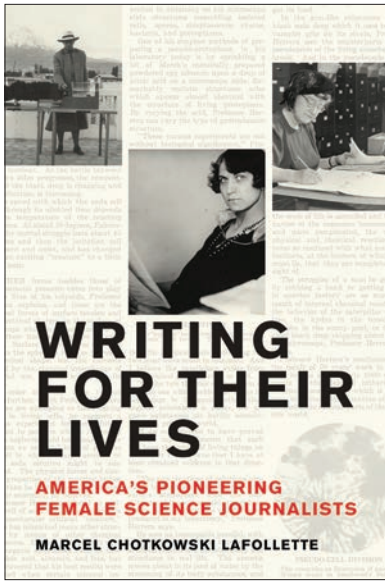


Figure 1.7: Azuresh South construction drawings. Virginia State University Special Collections and Archives.



Figure 4.6: Amaza Lee Meredith camping. Virginia State University Special Collections and Archives.



## Writing for Their Lives

America's Pioneering Female Science Journalists

Marcel Chotkowski LaFollette

**A breathtaking history of America's trailblazing female science journalists—and the timely lessons they can teach us about equity, access, collaboration, and persistence.**

In *Writing for Their Lives*, Marcel Chotkowski LaFollette tells the stories of women who pioneered the nascent profession of science journalism from the 1920s through the 1950s, yet were overlooked in traditional histories of science and journalism. But, at a time when science, medicine, and the mass media were expanding dramatically, Emma Reh, Jane Stafford, Marjorie Van de Water, and many others were explaining theories, discoveries, and medical advances to millions of readers via syndicated news stories, weekly columns, weekend features, and books—and they deserve the recognition they have long been denied.

Grounded in extensive archival research and enlivened by passages of original correspondence, *Writing for Their Lives* addresses topics such as censorship, peer review, and news embargoes, while also providing intimate glimpses into the personal lives and adventures of mid-twentieth-century career women. They were single, married, or divorced; mothers with childcare responsibilities; daughters supporting widowed mothers; urban dwellers who lived through, and wrote about, the Great Depression, World War II, and the dawn of the Atomic Age—all the while, daring to challenge the arrogance and misogyny of the male scientific community in pursuit of information that could serve the public.

Written at a time when trust in science is at a premium, *Writing for Their Lives* is an inspiring untold history that underscores just how crucial dedicated, conscientious journalists are to the public understanding and acceptance of scientific guidance and expertise.

**Marcel Chotkowski LaFollette** is an independent historian. She is also Research Associate at the Smithsonian Institution Archives and the author of *Science on the Air* and *Science on American Television*.

science

August  
6 x 9, 280 pp.  
29 b&w illus.

**US \$26.95T/\$35.95 CAN paperback**  
978-0-262-04816-3

“With wit, sharp analysis, and compelling documentation, Marcel Chotkowski LaFollette reveals the multidimensional lives of tough-minded and doggedly persistent women in science journalism between the 1920s and the 1960s.”

—**Sally Gregory Kohlstedt**,  
**Professor, University  
of Minnesota; author  
of *Women, Gender, and  
Science***



# Feminist Designer

On the Personal and the Political in Design

edited by Alison Place

## Contributors

Jennifer Armbrust  
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Ayako Takase  
Attia Taylor  
Rebecca Tegtmeier  
Dann Toliver  
Aggie Toppins  
Ilaria Vanni  
Joana Varon  
Manon Vergerio  
Sarah Williams

**A bold and timely collection that brings feminist theory and critical thinking to life through vital, approachable design methods and practices.**

*Feminist Designer* brings together a constellation of voices and perspectives to examine the intersection of design and feminist theory. For decades, the feminist refrain within design has hinged on the representation and inclusion of women in the field. This collection, edited by Alison Place, however, is a call to move beyond this narrow application of a feminist lens. Feminist design is not just about who does design—it is about how we do design and why. Feminist frameworks for design activism are now more relevant than ever, as they emphasize collaborative processes that aim to disrupt and dismantle power hierarchies while centering feminist ways of knowing and doing.

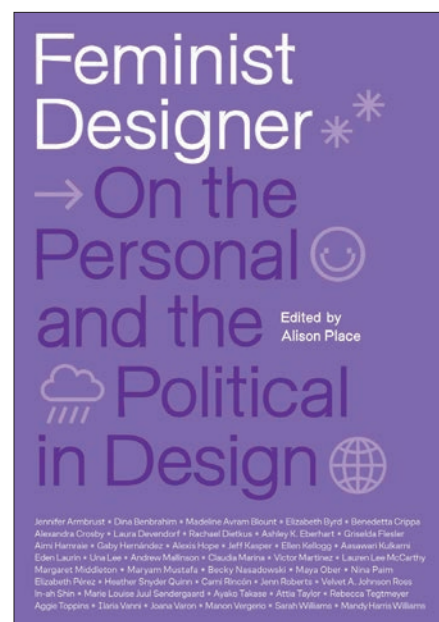
The first book in nearly three decades to address feminist practices in design, *Feminist Designer* contains essays, case studies, and dialogues by 43 contributors from 16 different countries. It engages a wide variety of design disciplines, from graphic design to disability design to algorithmic design, and explores key feminist themes, such as power, knowledge, care, plurality, liberation, and community. Through diverse, sometimes conflicting, intersectional perspectives, this book contributes new design methods informed by a multiplicity of feminisms that confront design's patriarchal origins while ushering in new pathways for making critical and meaningful change.

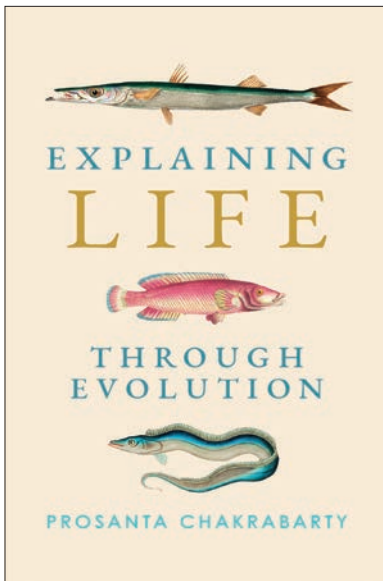
**Alison Place** is a designer, educator, and researcher who practices feminism through design. She is Assistant Professor of Graphic Design in the School of Art at the University of Arkansas.

design

September  
7 x 10, 248 pp.  
110 color illus.

**US \$29.95T/\$39.95 CAN cloth**  
978-0-262-04842-2





## Explaining Life through Evolution

Prosanta Chakrabarty

**A broad overview of the science of evolution, and why understanding it matters in our everyday lives.**

*Explaining Life through Evolution* tells the origin story of life on this planet and how we arrived at the tremendous diversity among organisms that we see around us today. Prosanta Chakrabarty explains evolution in a concise, accessible, and engaging way, emphasizing the importance of understanding evolution in everyday contemporary life. Weaving his own lived experience among discussions of Darwin and the origins of evolutionary thought, Chakrabarty also covers key concepts to our understanding of our current condition, including mutation; the spectrum of race, sex, gender, and sexuality; the limitations of ancestry tests; and the evolution of viruses like SARS-CoV-2, the virus at the heart of the COVID-19 pandemic.

Offering a contemporary update to classic popular evolution books by Stephen Jay Gould, Jerry Coyne, and others, *Explaining Life through Evolution* is not only an illuminating read, but also an essential guide to the kind of scientific literacy that we need in order to face the challenges of our collective future.

**Prosanta Chakrabarty** is Professor of Evolutionary Biology and Curator of Fishes at Louisiana State University. He is a TED Senior Fellow, an Elected Fellow of AAAS (American Association for the Advancement of Science), a Fulbright Distinguished Chair, and a National Geographic Certified Educator.

science

August

5 1/4 x 8, 280 pp.

11 color illus., 26 b&w illus.

**US \$22.95T/\$29.95 CAN paperback**

978-0-262-54625-6

not for sale on the Indian subcontinent

# Our Ancient Lakes

A Natural History

Jeffrey McKinnon

**The unexpected diversity, beauty, and strangeness of life in ancient lakes—some millions of years old—and the remarkable insights the lakes are yielding about the causes of biodiversity.**

Most lakes are less than 10,000 years old and short-lived, but there is a much smaller number of ancient lakes, tectonic in origin and often millions of years old, that are scattered across every continent but Antarctica: Baikal, Tanganyika, Victoria, Titicaca, and Biwa, to name a few. Often these lakes are filled with a diversity of fish, crustaceans, snails, and other creatures found nowhere else in the world. In *Our Ancient Lakes*, Jeffrey McKinnon introduces the remarkable living diversity of these aquatic bodies to the general reader and explains the surprising, often controversial, findings that the study of their faunas is yielding about the formation and persistence of species.

The first single-authored volume to synthesize studies of ancient lakes, *Our Ancient Lakes* provides an overview of the lakes and their distinctive geological origins; accounts of the evolutionary processes that have generated the incredible diversity found in the lakes and produced some of the fastest speciation rates known for vertebrates; the surprisingly important role of inter-species mating in the most rapid diversifications; the uniquely complete records of the creatures that inhabited the lakes, which are being extracted from deep lake sediments; the prospects for the lakes as we tumble into the Anthropocene; and much more.

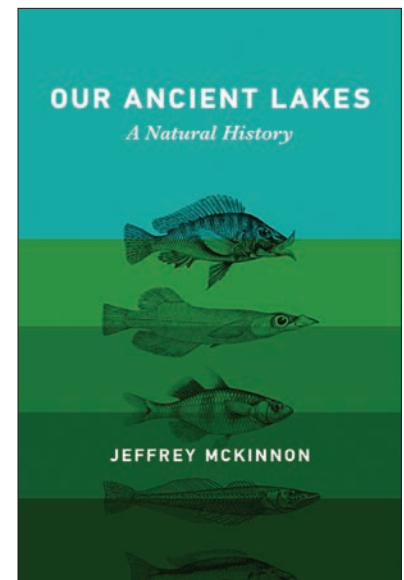
Shining a light on a class of biodiversity hotspot that is equivalent to coral reefs in the ocean or tropical rainforests on land, *Our Ancient Lakes* chronicles in a refreshingly personal and accessible way the often singular wonders of these venerable waterbodies.

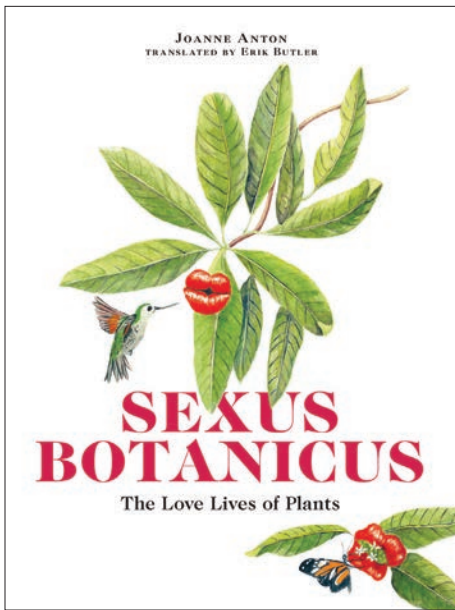
**Jeffrey McKinnon** received his BSc from the University of British Columbia and his PhD from Harvard University. A Professor of Biology at East Carolina University, his research has taken him to every continent but Antarctica and has appeared in journals including *Nature* and the *American Naturalist*.

science | nature

October  
5 1/4 x 8, 232 pp.  
51 b&w illus.

**US \$29.95T/\$39.95 CAN cloth**  
978-0-262-04785-2





## Sexus Botanicus

The Love Lives of Plants

Joanne Anton

translated by Erik Butler

**A richly illustrated exploration of the astonishing diversity in sexual characteristics and behaviors of plants from the fig-tree to the sacred lotus.**

Why do some plants flower while others do not? What happens during pollination? How can the Haleakalā silversword reproduce all alone? In *Sexus Botanicus*, artist and writer Joanne Anton sheds light on the fertilization process of plants and relates their origins and their spectacular diversity. While sexuality has long been a source of interest for us humans, we sometimes forget to consider its primordial role in evolution.

Without sexuality and the genetic union it enables, life would not assume the biodiversity it displays.

*Sexus Botanicus* introduces us to a wide range of extraordinary specimens, some very ancient and still with us, and some their descendants by millions of years: time-traveling plants (from the wedding of a mushroom and an alga 450 million years ago to the amorous mosses that help maintain the balance of our ecosystems today); the literal flower-power sexual revolution of angiosperms (from their reliance on wind for sex to some of their edible ovaries we commonly refer to as “fruit”); zoophilic plants (from the sexual doings of bumblebees and tomato plants to the mutually beneficial pollination program between yucca and moths); the games of deception played between plants, insects, and birds; and the improbable plants operating in such extreme environments as deserts and volcanos (some of whom, such as Australia’s Queensland grasstree, utilize conflagration to reproduce).

Hand-illustrated by the author in color throughout, the book also includes a full glossary of all relevant terms to introduce readers to the scientific language of plant sex.

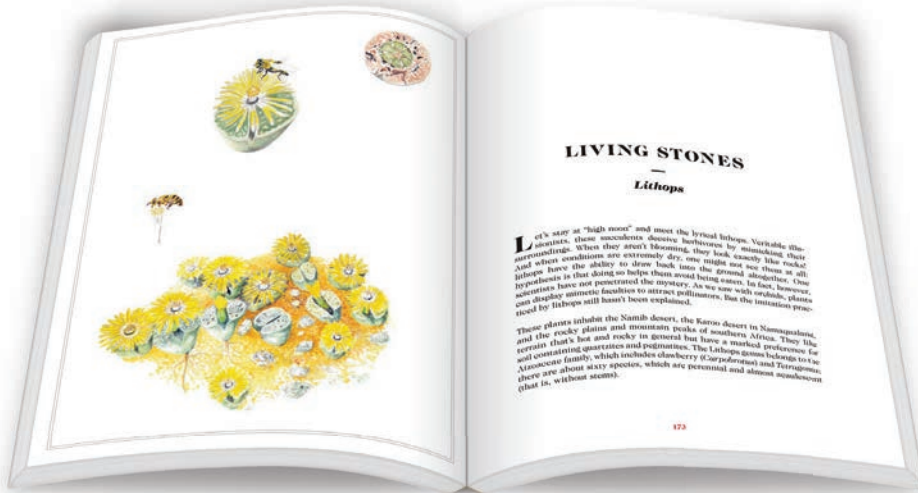
**Joanne Anton** is a Belgian writer and artist. She attended botany courses at the Jardin des Plantes in Paris, where the National Museum of Natural History is located, and botanical illustration lessons with Elisabeth Vitou at the Société National d’Horticulture de France.

nature

September  
7 x 9 1/2, 184 pp.  
61 color illus., 1b&w illus.

**US \$27.95T/\$36.95 CAN paperback**  
978-0-262-54645-4





# Sharing Our Science

How to Write and Speak STEM

**Brandon R. Brown**

foreword by Julia Schaletzky

**A personal, practical, and inspirational guide to written and oral STEM communications for scientists and technical professionals.**

In *Sharing Our Science*, scientist-turned-writing teacher Brandon Brown offers an eminently useful guidebook for STEM practitioners looking to communicate their technical work to either a technical or a broader audience. Professionals are increasingly required to communicate their work through blogs, podcasts, and newsletters and to submit to traditional media. After seeing his colleagues struggle to find a writing guide that tackled the unique challenges of writing and speaking about scientific topics, Brown set out to write the definitive handbook to assist STEM students, scientists, engineers, and tech workers alike.

In this practical and relevant book, Brown uses his experience as a proven science communicator to cover three levels of writing: fundamental craft considerations, such as narrative tension, structure, sentences, and audience; unique scientific considerations, such as conveying numbers and utilizing metaphors; and finally, social considerations, such as public speaking and writing inside and outside of silos. In place of a reference manual, Brown's engaging narrative guide clarifies the fundamental principles that impact all scientific communication tasks, from white papers and slide decks to Zoom meetings and emails. *Sharing Our Science* represents the culmination of a lifetime of writing, research, and teaching that will enrich scientists' careers and illuminate the ways in which science is done and conveyed to the world.

**Brandon R. Brown** is Professor of Physics and communications specialist at the University of San Francisco. The author of *Planck: Driven by Vision, Broken by War*, Brown has written for *Slate*, *Smithsonian*, and *Scientific American* and served as Deputy Director at the Green Science Policy Institute and a Senior Writing Coach for the Strictly Speaking Group.

"I wish I had read this book 30 years ago."

—**Douglas Koshland**,  
**Biology Professor,**  
**University of California,**  
**Berkeley; President, Science**  
**Communication Lab**

science | reference

August

5 1/4 x 8, 316 pp.

18 b&w illus.

**US \$26.95T/\$39.95 CAN paperback**

978-0-262-54695-9

## Fascination of Science

60 Encounters with Pioneering Researchers  
of Our Time

**Herlinde Koelbl**

German interviews translated by Lois Hoyal

**An intimate collection of portraits of internationally renowned scientists and Nobel Prize winners, paired with interviews and personal stories.**

What makes a brilliant scientist? Who are the people behind the greatest discoveries of our time? Connecting art and science, photographer Herlinde Koelbl seeks the answers in this English translation of the German book *Fascination of Science*, an indelible collection of portraits of and interviews with sixty pioneering scientists of the twenty-first century. Koelbl's approach is intimate and accessible, and her highly personal interviews with her subjects reveal the forces (as well as the personal quirks) that motivate the scientists' work; for example, one wakes up at 3 am because her mind is calm then, another says his best ideas come to him in the shower. These glimpses into the scientists' lives and thinking add untold texture in this up-to-the-minute survey of the activities and progress that are currently taking place in the broad field of the natural sciences.

Koelbl's interview subjects include Nobel Prize winners Dan Shechtman, Frances Arnold, Carolyn Bertozzi, and cover scientific fields from astronomy, biochemistry, and quantum physics to stem-cell research and AI. Beautifully bringing together art, science, and the written word, *Fascination of Science* is an inspiring read that shows how creativity, obsession, persistence, and passion drive the pioneering researchers of our time.

**Herlinde Koelbl** is a German photographic artist, author, and documentary filmmaker. She has published more than a dozen photography books, including *Jewish Portraits*, *Targets*, and *Angela Merkel Portraits 1991–2021*. She has received numerous awards for her work, including the Dr. Erich Salomon Prize in 2001. You can learn more about her at [www.herlindekoelbl.com](http://www.herlindekoelbl.com).

science

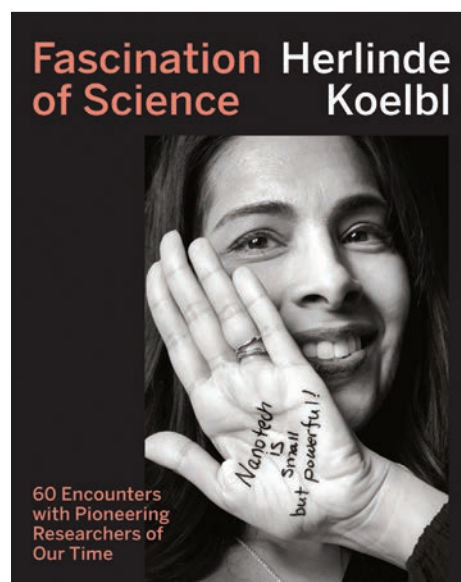
August

8 x 10, 392 pp.

110 b&w photos

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54557-0



“True to its title, this is a fascinating collection of interviews. Herlinde Koelbl's insightful questions and the candid responses of her subjects offer a matchless window into the personal histories and thinking of some of the world's most successful scientists.”

—**John P. Holdren, Research Professor, Harvard University; President Obama's Science Advisor, January 2009 to January 2017**

# The Day after Yesterday

Resilience in the Face of Dementia

Joe Wallace

**A deft combination of narrative and portraiture that breaks the taboo around dementia, replacing the fear and futility with empathy and nuance.**

A graphic designer, a writer, a public servant, a retired PhD, a 29-year-old with early-onset Alzheimer's. These are just some of the 50 million people living with dementia who share their deeply personal stories with Joe Wallace in *The Day after Yesterday*, a powerful collection of portraits and personal stories that humanizes the millions of people living with the disease. Each story in this poignant volume offers a unique and powerful lesson—not just about how to live with a terminal illness, but how to do so with resilience and dignity.

Dementia is often a taboo subject with limited public awareness or discourse. A diagnosis can become a mechanism for segregating those affected from society, making it easier to see only the label and not the individual, which, in turn, makes it easier to ignore the burgeoning health crisis and the individuals themselves. But as one man told Wallace, “Don’t believe the narrative that life is over. I want my voice to help get people to treat us the same as they did before we got the diagnosis. We may change some, but we are the same people!” More than a visual representation, *The Day after Yesterday*'s compassionate portraits capture the dignity and richness of each individual, destigmatizing dementia and enabling a loving, respectful, and much-needed conversation.

**Joe Wallace** has been a portrait photographer and storyteller for twenty years. Honing his storytelling skills in advertising, his photo-narrative work blends his journalistic eye with his fine art sensibility. Several members of his family have lived with dementia, compelling him to tell a more complex and honest story of those living with the disease.

health | photography

September

8 x 10, 176 pp.

68 color photos, 32 b&w photos

**US \$34.95T/\$45.95 CAN cloth**

978-0-262-04860-6



# Memory, Edited

Taking Liberties with History

Abby Smith Rumsey

**An exploration of historical memory and networks of meaning in the context of today's crises of extremism and polarization.**

As authoritarianism continues to rise around the world, the stories we tell ourselves about what has happened and what is happening become ever more relevant. In *Memory, Edited*, Abby Smith Rumsey examines collective memory, how it binds us, and how it can be used by bad actors to manipulate us. Bringing forward the voices of a rich cast of Eastern European artists from the past two hundred years—from Fyodor Dostoevsky to Gerhard Richter—Rumsey shows how their work and lives illustrate the devastation wrought by regimes dependent on entrenched lies to survive. Not only does this hijacking of the narrative polarize communities, but it also hijacks our future.

Through an interdisciplinary lens that includes the best thinking from history, the arts, cognitive science, psychology, and political philosophy, Rumsey lays bare our narratives, showing how they are constructed and how they have changed over time. Ever-aware of resisting the false promise of utopia, Rumsey argues that only by confronting the past and reckoning with the crimes that were committed can we ever hope to heal and gain self-knowledge. *Memory, Edited* is an indispensable text for anyone who cares about democracy, equality, and freedom in our current age of crisis.

**Abby Smith Rumsey** is an intellectual and cultural historian. She chairs the board of the Center for Advanced Study in the Behavioral Sciences and is the author of *When We Are No More: How Digital Memory Is Shaping Our Future*.

history

August

6 x 9, 264 pp.

14 color illus.

**US \$29.95T/\$39.95 CAN cloth**

978-0-262-04847-7

"This riveting book has clear implications for how we arrive at our current states of belief. An extraordinarily suggestive book, it must be widely read."

—**John Seely Brown,**  
**former Chief Scientist,**  
**Xerox Corporation; former**  
**Director of Palo Alto**  
**Research Center (PARC)**

# R.U.R. and the Vision of Artificial Life

Karel Čapek

edited by Jitka Čejková

**A new translation of Karel Čapek’s play *R.U.R.*—which famously coined the term “robot”—and a collection of essays reflecting on the play’s legacy from scientists and scholars who work in artificial life and robotics.**

*“R.U.R.” and the Vision of Artificial Life* offers a new, highly faithful translation by Štěpán Šimek of Czech novelist, playwright, and critic Karel Čapek’s play *R.U.R.: Rossum’s Universal Robots*, as well as twenty essays from contemporary writers on the 1920 play. *R.U.R.* is perhaps best known for first coining the term “robot” (in Czech, *robota* means serfdom or arduous drudgery). The twenty essays in this new English edition, beautifully edited by Jitka Čejková, are selected from *Robot 100*, an edited collection in Czech with perspectives from 100 contemporary voices that was published in 2020 to celebrate the hundredth anniversary of the play.

Čapek’s robots were autonomous beings, but biological, not mechanical, made of chemically synthesized soft matter resembling living tissue, like the synthetic humans in *Blade Runner*, *Westworld*, or *Ex Machina*. The contributors to the collection—scientists and other scholars—explore the legacy of the play and its connections to the current state of research in artificial life, or ALife. Throughout the book, it is impossible to ignore Čapek’s prescience, as his century-old science fiction play raises contemporary questions with respect to robotics, synthetic biology, technology, artificial life, and artificial intelligence, anticipating many of the formidable challenges we face today.

**Jitka Čejková** is Associate Professor in the Chemical Robotics Laboratory at the University of Chemistry and Technology Prague. Her research focuses on how chemical engineers can contribute to artificial life research. **Karel Čapek** (1890–1938) was a Czech novelist, short story writer, playwright, and essayist best known for his dystopian works. He was the author of *War with the Newts*, *The Makropulos Affair*, *The Absolute at Large*, *The White Disease*, and many other notable works.

science fiction | drama

January  
6 x 9, 344 pp.  
28 b&w illus.

**US \$22.95T/\$29.95 CAN paperback**

978-0-262-54450-4

# Communications Breakdown

SF Stories about the Future of Connection

edited by Jonathan Strahan

**An exciting science fiction collection that looks at what future communication might look like and how our shifting relationships with technology could change this most human of capabilities.**

In *Communications Breakdown*, award-winning editor Jonathan Strahan asks some of the world's best science fiction writers to consider how the very idea of communication might change in the future. Rich terrain for speculation, this anthology brims with human stories about the future face of our age-old need to connect. As cyberpunk pioneer William Gibson said, "The future is already here—it's just not evenly distributed." So what happens when inequalities keep the future from everyone's front door? Who is in control? These stories show humanity's ability to construct the best possible worlds while also battling our potential to inflict unlimited harm.

*Communications Breakdown* features contributions from Canadian Science Fiction and Fantasy Hall of Famer Cory Doctorow, the winner of the Times of India AutHer Award Lavanya Lakshminarayan, Hugo Award winner Ian McDonald, as well as an interview with digital privacy activist Chris Gilliard by author and journalist Tim Maughan. Breaking down how we think about communication, *Communications Breakdown* calls readers to look at how vulnerable our modes of communication—and indeed, we ourselves—are.

**Jonathan Strahan** is the editor of *Tomorrow's Parties: Life in the Anthropocene* (MIT Press). He is also the reviews editor for *Locus*, a consulting editor for Tor.com, and cohost and producer of the Hugo-winning *Coode Street Podcast*.

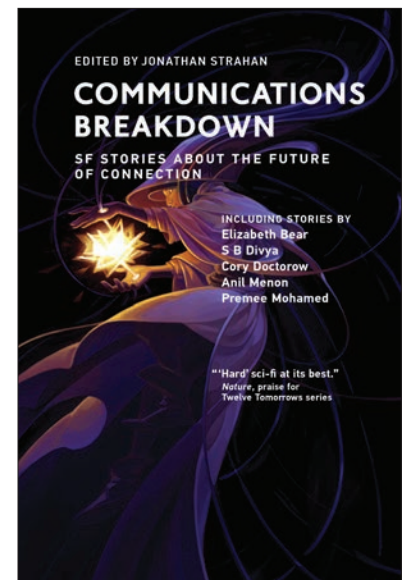
science fiction

October  
6 x 9, 224 pp.  
12 b&w illus.

**US \$22.95T/\$29.95 CAN paperback**

978-0-262-54646-1

Twelve Tomorrows series



## Contributors

Elizabeth Bear

S.B. Divya

Cory Doctorow

Chris Gilliard

Lavanya Lakshminarayan

Ken Macleod

Tim Maughan

Ian McDonald

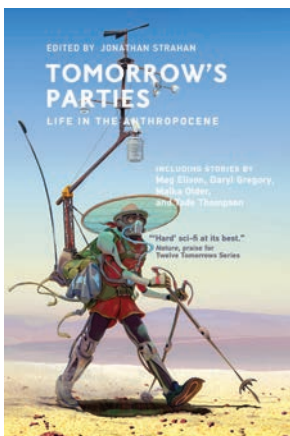
Anil Menon

Premeem Mohamed

Shiv Ramdas

Artwork by Ashley Mackenzie

## Also available



978-0-262-54443-6



## More Voices from the Radium Age

edited by Joshua Glenn

introduction by Joshua Glenn

**An essential collection of proto-science fiction stories that reveals the diverse literary milieu out of which the sci fi genre emerged.**

A planetary escape pod, an alien body-snatcher, an underground Alaskan city, and a war between the sexes in Atlantis! These are just a few of the outré elements you'll find in *More Voices from the Radium Age*, a showcase of proto-science fiction edited and introduced by Joshua Glenn. This volume brings together well-known and lesser-known writers in an inclusive collection that features E. Nesbit and May Sinclair, two of the genre's first female writers.

*More Voices from the Radium Age* also introduces readers to writers who have fallen into obscurity, including proto-sf pioneer George C. Wallis, the Russian Symbolist Valery Bryusov, and “weird” horror master Algernon Blackwood. It also includes H.G. Wells, who continued to make startling predictions in the early twentieth-century, and Abraham Merritt and George Allan England, two of the biggest names in the era of the pulp scientific romance.

An essential collection for any sci fi fan, *More Voices from the Radium Age* is a wild and darkly cathartic ride through the anxieties, fantasies, and nightmares that ultimately shaped the genre we now know as science fiction.

**Joshua Glenn** is a consulting semiotician and editor of the websites HiLobrow and Semiovox. The first to describe 1900–1935 as science fiction's “Radium Age,” he is editor of the MIT Press's series of reissued proto-sf stories from that period. He is coauthor and coeditor of various books including the family activities guide *Unbored* (2012), *The Adventurer's Glossary* (2021), and *Lost Objects* (2022). In the 1990s, he published the indie intellectual journal *Hermeneut*.

science fiction

August

5 1/4 x 7 3/4, 248 pp.

**US \$19.95T/\$25.95 CAN paperback**

978-0-262-54643-0

Radium Age series

# The Napoleon of Notting Hill

G.K. Chesterton

introduction by Madeline Ashby

**A satire set in a future England, in which a neomedievalist contest among London neighborhoods takes a disastrous turn.**

When Auberon Quin, a prankster nostalgic for Merrie Olde England, becomes king of that country in 1984, he mandates that each of London's neighborhoods become an independent state, complete with unique local costumes. Everyone goes along with the conceit until young Adam Wayne, a born military tactician, takes the game too seriously . . . and becomes the Napoleon of Notting Hill. War ensues throughout the city—fought with sword and halberd!

**G. K. Chesterton** (1874–1936) was an English author, poet, critic, and newspaper columnist known for his brilliant, epigrammatic paradoxes. His best-known character is the priest-detective Father Brown, featured in over fifty stories published between 1910 and 1936, who solves mysteries and crimes thanks to his understanding of spiritual and philosophic truths; and his best-known novel is *The Man Who Was Thursday* (1908), a metaphysical thriller. In addition to *The Napoleon of Notting Hill*, his first novel, he wrote several other near-future satires of England.

science fiction

August

5 1/4 x 7 3/4, 248 pp.

1b&w illus.

**US \$19.95T/\$25.95 CAN paperback**

978-0-262-54641-6

Radium Age series



“More modern than the moderns, more medieval than the medievalists, funnier than all of them—reading Chesterton today is like watching someone give a speech of unimpeachable common sense from the bridge of a departing UFO.”

— **James Parker, *The Atlantic***

“A vastly entertaining book, which should be breathlessly enjoyed at Notting Hill and elsewhere.”

— ***Daily Chronicle* (1904)**



## The Night Land

abridged edition

**William Hope Hodgson**

introduction by Erik Davis

**A romance of the far future, in which humankind has relocated underground, where it is beset by monsters from another dimension—but love leads on.**

In the far future, humankind's survivors huddle below Earth's frozen surface in a pyramidal fortress-city that, for centuries now, has been under siege by loathsome "Ab-humans," enormous slugs and spiders, and malevolent "Watching Things" from another dimension. When our unnamed protagonist receives a telepathic distress signal from a woman whom (in a previous incarnation) he'd once loved, he sallies forth on an ill-advised rescue mission—into the fiend-haunted Night Land!

"Like certain rare dreams," C. S. Lewis wrote of Hodgson's masterpiece, *The Night Land* can give "sensations we never had before and enlarge our conception of the range of possible experience." H. P. Lovecraft agreed that this is "one of the most potent pieces of macabre imagination ever written."

**William Hope Hodgson** (1877–1918) was an English poet, sailor, bodybuilder, and weird fiction pioneer whose horror, fantastic, and proto-sf novels—in addition to *The Night Land*—include *The Boats of the "Glen Carrig"* (1907), *The House on the Borderland* (1908), and *The Ghost Pirates* (1909). He also wrote stories in the Sargasso Sea series, the Captain Gault series, and a series about the occult detective Carnacki.

science fiction

August

5 1/4 x 7 3/4, 384 pp.

**US \$19.95T/\$25.95 CAN paperback**

978-0-262-54642-3

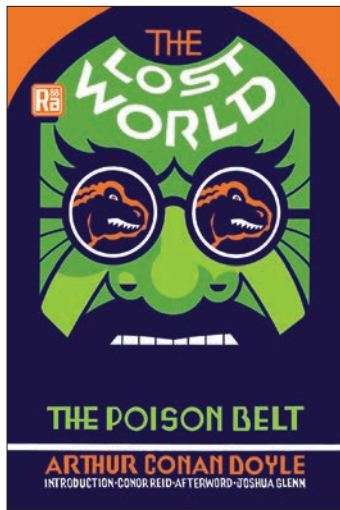
Radium Age series

"For all its flaws and idiosyncrasies, *The Night Land* is utterly unsurpassed, unique, astounding. A mutant vision like nothing else there has ever been."

—**China Miéville**

"The author's descriptions of the outer darkness of the eternal night and the horrors abounding therein produce a weird and fantastic impression."

—***The Athenaeum* (1912)**



978-0-262-54525-9



978-0-262-54522-8



978-0-262-54429-0



978-0-262-54430-6



978-0-262-54428-3



978-0-262-54343-9

## Radium Age Series

Under the direction of Joshua Glenn, the MIT Press's Radium Age reissues notable proto-science fiction stories from the underappreciated era between 1900 and 1935, with new contributions by historians, science journalists, and science fiction authors.



978-0-262-54335-4



978-0-262-54337-8

Covers by Seth

# Times Square Remade

The Dynamics of Urban Change

Lynne B. Sagalyn

**The illuminating evolution of the iconic space of Times Square.**

What is it about Times Square that has inspired such attention for well over a century? And how is it that, despite its many changes of character, the place has maintained a unique hold on our collective imagination? In this book, which comes twenty years after her widely acclaimed *Times Square Roulette*, Lynne Sagalyn masterfully tells the story of profound urban change over decades in the symbolic space that is New York City's Times Square. Drawing on the history, sociology, and political economy of the place, *Times Square Remade* examines how the public-private transformation of 42nd Street at Times Square impacted the entertainment district and adjacent neighborhoods, particularly Hell's Kitchen.

Sagalyn chronicles the earliest halcyon days of 42nd Street and Times Square as the nexus of speculation and competitive theater building as well as its darkest days as vice central, and on to the years of aggressive government intervention to cleanse West 42nd Street of pornography and crime. Thematically, the author analyzes the three main forces that have shaped and reshaped Times Square—theater, real estate, and pornography—and explains the politics and economics of what got built and what has been restored or preserved.

Accompanied by nearly 160 images, more than half in color, *Times Square Remade* is a deftly woven narrative of urban transformation that will appeal as much to the general reader and New York City enthusiast as to urbanists, city planners, architects, urban designers, and policymakers.

**Lynne B. Sagalyn** is Earle W. Kazis and Benjamin Schore Professor Emerita of Real Estate at Columbia Business School, as well as a real estate professional. She is the author of *Power at Ground Zero: Politics, Money, and the Remaking of Lower Manhattan*, *Times Square Roulette: Remaking the City Icon* (MIT Press), and *Downtown, Inc.: How America Rebuilds Cities* (coauthor, MIT Press).

history | urban studies

October

7 x 10, 432 pp.

91 color illus., 67 b&w illus.

**US \$39.95T/\$53.95 CAN cloth**

978-0-262-04854-5



# Evolutionary Intelligence

How Technology Will Make Us Smarter

W. Russell Neuman

**A surprising vision of how human intelligence will coevolve with digital technology and revolutionize how we think and behave.**

It is natural for us to fear artificial intelligence. But does Siri really want to kill us? Perhaps we are falling into the trap of projecting human traits onto the machines we might build. In *Evolutionary Intelligence*, W. Russell Neuman offers a surprisingly positive vision in which computational intelligence compensates for the well-recognized limits of human judgment, improves decision making, and actually increases our agency. In artful, accessible, and adventurous prose, Neuman takes the reader on an exciting, fast-paced ride, all the while making a convincing case about a revolution in computationally augmented human intelligence.

Neuman argues that, just as the wheel made us mobile and machines made us stronger, the migration of artificial intelligence from room-sized computers to laptops to our watches, smart glasses, and even smart contact lenses will transform day-to-day human decision making. If intelligence is the capacity to match means with ends, then augmented intelligence can offer the ability to adapt to changing environments as we face the ultimate challenge of long-term survival.

Tapping into a global interest in technology's potential impacts on society, economics, and culture, *Evolutionary Intelligence* demonstrates that our future depends on our ability to computationally compensate for the limitations of a human cognitive system that has only recently graduated from hunting and gathering.

**W. Russell Neuman** is Professor of Media Technology at New York University. A founding faculty of the MIT Media Laboratory, he served as Senior Policy Analyst in the White House Office of Science and Technology Policy. His recent books include *The Digital Difference: Media Technology and the Theory of Communication Effects*.

technology

September  
6 x 9, 256 pp.  
11 b&w illus.

**US \$26.95T/\$35.95 CAN paperback**

978-0-262-04848-4

# We, the Data

Human Rights in the Digital Age

Wendy H. Wong

**A rallying call for extending human rights beyond our physical selves—and why we need to reboot rights in our data-intensive world.**

Our data-intensive world is here to stay, but does that come at the cost of our humanity in terms of autonomy, community, dignity, and equality? In *We, the Data*, Wendy H. Wong argues that we cannot allow that to happen. Exploring the pervasiveness of data collection and tracking, Wong reminds us that we are all stakeholders in this digital world, who are currently being left out of the most pressing conversations around technology, ethics, and policy. This book clarifies the nature of datafication and calls for an extension of human rights to recognize how data complicate what it means to safeguard and encourage human potential.

As we go about our lives, we are co-creating data through what we do. We must embrace that these data are a part of who we are, Wong explains, even as current policies do not yet reflect the extent to which human experiences have changed. This means we are more than mere “subjects” or “sources” of data “by-products” that can be harvested and used by technology companies and governments. By exploring data rights, facial recognition technology, our posthumous rights, and our need for a right to data literacy, Wong has crafted a compelling case for engaging as stakeholders to hold data collectors accountable. Just as the Universal Declaration of Human Rights laid the global groundwork for human rights, *We, the Data* gives us a foundation upon which we claim human rights in the age of data.

**Wendy H. Wong** is Professor of Political Science and Principal's Research Chair at the University of British Columbia, Okanagan. She is the author of two award-winning books: *Internal Affairs: How the Structure of NGOs Transforms Human Rights* and (with Sarah S. Stroup) *The Authority Trap: Strategic Choices of International NGOs*.

political science | technology

October  
6 x 9, 280 pp.  
1b&w illus.

**US \$26.95T/\$35.95 CAN paperback**

978-0-262-04857-6

## On the Brink of Utopia

Reinventing Innovation to Solve the World's  
Largest Problems

**Thomas Ramge and Rafael Laguna de la Vera**

foreword by Nobel Laureate Stefan Hell

**A new and coherent framework for fostering the  
breakthrough innovations that we urgently need  
to confront our collective future.**

We live in less innovative times than we think. Despite having made major technological advancements in a few areas, we are still left with enormous unsolved challenges. A radical shift in the culture of innovation is needed. *On the Brink of Utopia*, by authors Thomas Ramge and Rafael Laguna de la Vera, and with a foreword written by Nobel Laureate Stefan Hell, offers just that—a new and coherent framework for fostering breakthrough innovations for human progress. In their “Innovation Leap Paradigm,” they present seven steps in seven chapters and answer three simple questions: What great challenges need to be tackled? Who makes tech leaps? And finally, what political, economic, and cultural environments foster radical innovation?

The authors sketch out a future in which technology will solve real problems, anywhere from climate change and hunger to obesity and menstrual pain. They envision a future in which biotechnologists work from a platform that enables them to develop effective drugs within months for any emerging virus, where green energy will be too cheap to meter and aerial carbon can be transmuted into a valuable commodity at scale. Offering a new perspective on innovation that centers not just American readers but also readers from all over the world, *On the Brink of Utopia* is a hopeful and visionary book that reimagines the roles of innovators, citizens, governments, and financial markets to foster innovation leaps that maximize the well-being of the greatest number of people.

**Thomas Ramge** has published about twenty books on technology, which have been translated into more than twenty languages. He is an associated member of the Einstein Center for Digital Future and Alumni Senior Research Fellow at the Weizenbaum Institute for the Networked Society. **Rafael Laguna de la Vera** is the founding director of the Federal Agency for Disruptive Innovation (SPRIND). Laguna is a visiting professor at several universities and is a cofounding partner of CODE University of Applied Sciences.

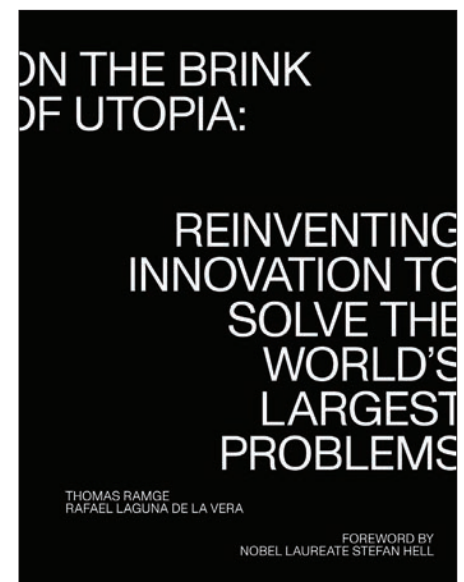
technology | political science

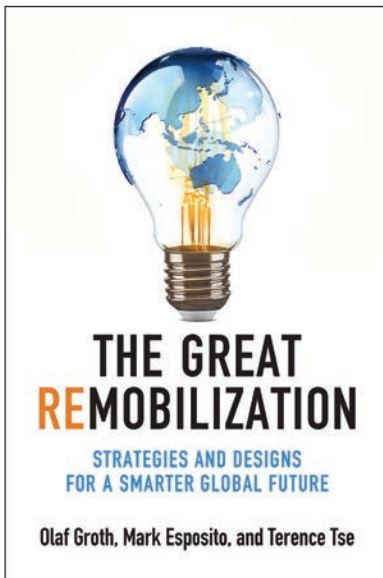
October  
7 x 9, 240 pp.  
20 b&w illus.

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Strong Ideas series





## The Great Remobilization

Strategies and Designs for a Smarter Global Future

Olaf Groth, Mark Esposito, and Terence Tse

**How the turmoil of recent years gives leaders an unprecedented opportunity to redesign global strategies and systems—and to remobilize toward a smarter, more resilient, and equitable future.**

How can leaders faced with tremendous global upheaval create more resilient and trustworthy systems? In *The Great Remobilization*, Olaf Groth, Mark Esposito, and Terence Tse (along with research partner Dan Zehr) diagnose tectonic shifts in the global economy with an eye toward designing a smarter “operating system” for the world. Through their FLP-IT (forces, logic, patterns, impact, and triage) framework for strategic leadership, the authors chart a path forward, providing guidance for a new breed of “design activist leader.” Focusing on key tectonic shifts they call the Five Cs—COVID and pandemic management, the cognitive economy and crypto, cybersecurity, climate change and carbon management, and China—they examine the implications that new forces and logics will have on countries, organizations, and individuals.

Drawing from one hundred interviews and conversations with top-level executives, entrepreneurs, policymakers, diplomats, generals, scholars, and other leading experts from around the world, the authors show how to create new inclusive visions with the aim of rebuilding the trust that will allow for both human and economic growth.

**Olaf Groth** is Professional Faculty for Strategy, Futures and Innovation in the Business & Public Policy group at the Haas School of Business, University of California, Berkeley; Faculty Director for Future of Technology program at Berkeley Executive Education; and Professor of Practice for Global Strategy, Innovation & Futures at Hult International Business School. **Mark Esposito** is Professor of Business & Economics at Hult International Business School, where he directs the Futures Impact Lab. He is also Teaching Faculty at Harvard University’s Division of Continuing Education and Affiliate Faculty at the Microeconomics of Competitiveness Program at the Harvard Business School. He is coauthor of *The AI Republic*, *Understanding How the Future Unfolds*, and *The Emerging Economies under the Dome of the Fourth Industrial Revolution*. **Terence Tse** is Professor of Finance at Hult International Business School, Affiliate Professor at ESCP Business School and visiting professor at Cotrugli Business School. He is cofounder and executive director of the AI company Nexus Frontier Tech. He is coauthor of *The AI Republic and Understanding How the Future Unfolds*, and the author of *Corporate Finance: The Basics*.

business | economics

October  
6 x 9, 240 pp.  
3 b&w illus.

**US \$32.95T/\$43.95 CAN cloth**  
978-0-262-04793-7

# The Myth That Made Us

How False Beliefs about Racism and Meritocracy Broke Our Economy (and How to Fix It)

Jeff Fuhrer

**How our false narratives about post-racism and meritocracy have been used to condone egregious economic outcomes—and what we can do to fix the system.**

*The Myth That Made Us* exposes how false narratives—of a supposedly post-racist nation, of the self-made man, of the primacy of profit- and shareholder value-maximizing for businesses, and of minimal government interference—have been used to excuse gross inequities and to shape and sustain the US economic system that delivers them. Jeff Fuhrer argues that systemic racism continues to produce vastly disparate outcomes and that our brand of capitalism favors doing little to reduce disparities. Evidence from other developed capitalist economies shows it doesn't have to be that way. We broke this (mean-spirited) economy. We can fix it.

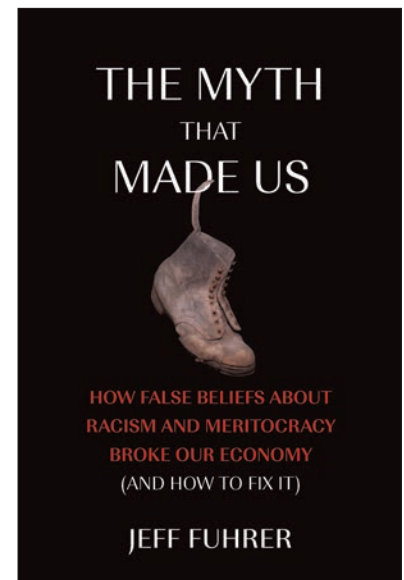
Rather than merely laying blame at the feet of both conservatives and liberals for aiding and abetting an unjust system, Fuhrer charts a way forward. He supplements evidence from data with insights from community voices and outlines a system that provides more equal opportunity to accumulate both human and financial capital. His key areas of focus include universal access to high-quality early childhood education; more effective use of our community college system as a pathway to stable employment; restructuring key aspects of the low-wage workplace; providing affordable housing and transit links; supporting people of color by serving as mentors, coaches, and allies; and implementing baby bonds and reparations programs to address the accumulated loss of wealth among Black people due to the legacy of enslavement and institutional discrimination. Fuhrer emphasizes embracing humility, research-based approaches, and community involvement as ways to improve economic opportunity.

**Jeff Fuhrer** is Foundation Fellow at the Eastern Bank Foundation. He was previously Executive Vice President and Director of Research at the Federal Reserve Bank of Boston, where he was also responsible for the bank's diversity and inclusion functions.

economics

September  
6 x 9, 368 pp.  
25 b&w illus.

**US \$34.95T/\$45.95 CAN cloth**  
978-0-262-04839-2





# Voidopolis

**Kat Mustatea**

afterword by Charlotte Kent and Arielle Saiber

**A hybrid digital artistic and literary project in the form of an augmented reality book, which retells Dante's *Inferno* as if it were set in pandemic-ravaged New York City.**

*Voidopolis* is a digital performance about loss and memory presented as an augmented reality (AR) book with a limited lifespan. The book loosely retells the story of Dante's *Inferno* as if it were the dystopic experience of wandering through New York City during the pandemic; instead of Virgil, however, the narrator is guided through this modern hellscape by a caustic hobo named Nikita.

*Voidopolis* is meant to culminate in loss. It features images that are created by digitally “wiping” humans from stock photography and text that is generated without the letter “e”—in homage to Oulipo author Georges Perec’s *A Void*, a 300-page novel written entirely without the letter—by using a modified GPT-2 text generator. The book, adapted from a series of Instagram posts that were ultimately deleted, is likewise designed to disappear: its garbled pages can only be deciphered with an AR app, and they decay at the same rate over a period of one year, after which the decay process restarts and begins again. At the end of this decay cycle, only the printed book, with its unintelligible pages, remains. Each July 1, the date the project first started on Instagram, the book resets again, beginning anew the cycle of its own vanishing.

A first-of-its-kind augmented reality book from a major university press, *Voidopolis* is a unique and deeply affecting artwork that speaks as much to our existential moment as it does to the fragility of experience, reality, and our connection to one another.

**Kat Mustatea** is a transmedia playwright and artist known for language and performance works that enlist absurdity, hybridity, and the computational uncanny to dig deeply into what it means to be human. Her TED Talk, about puppets and AI, takes a novel approach to the meaning of machines making art.

art

August

5 x 7, 160 pp.

47 color photos

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978-0-262-04826-2

A Leonardo Book

## Kat Mustatea talks with the MIT Press



**Q** The narrator of *Voidopolis* is Nikita, a caustic hobo roaming the streets of pandemic-ravaged New York City. In the foreword, Charlotte Kent describes this narrator as a “Nikita-Virgil-Narrator-Dante-Us hybrid.” What drew you to retelling Dante’s *Inferno* in this hybrid form, and how has Nikita’s perspective affirmed or challenged your understanding of this epic?

**A** I read Dante’s emotional and rhetorical argument at the core of the *Inferno* to be something like: “In my darkest hours, Virgil’s poetry was my comfort and guide,” or maybe more broadly, “Poetry can light the way in a dark world.” Nikita was my antidote and guide for a world suddenly askew, as I witnessed the collapse of what I—along with New York, with the world—understood to be the basic building blocks of daily life and of reality itself. My project is as much an argument for the power of language to shape reality as Dante’s, but Nikita is a modern figure—poorer, pricklier, more obscure, his literary aspirations at odds with a world that devalues the written word. Social media is now our vernacular. Nikita’s sarcasm, his unconcern for the niceties and strictures of polite society, his meandering literary aspirations, his poor diet, are a quiet form of dissent, a refusal to participate in the collapse, failure and constraint of the world around him.

**Q** How did you decide what to augment in GPT-2’s output? Could you elaborate on how this way of writing was informed by your experience of the earlier pandemic?

**A** I had been tinkering with the idea that GPT-2 could be modified to generate grammatically coherent sentences using only words that do not contain the letter “e”—it seemed like a fun way to extend and update the Oulipo author Georges Perec’s *A Void*, a 300-page novel written entirely without the letter “e.” The Oulipian experiments with language and mathematics from the 1960’s and 1970’s seem to me direct precursors to the age of artificial intelligence. Just before the pandemic, I had a modified model that could even generalize on Perec’s constraint, to omit any letter or group of letters I chose.

That tool might have remained something of a parlor trick had it not been for the pandemic. Daily life under lockdown suddenly became a series of avoidances, constraints, and workarounds for things no longer possible to do, and here I had in hand a technique for embedding—a palpable sense of that loss, a way to evoke the missing people, the stilled traffic. Ultimately, “e” was the letter I chose to omit because regular past tense verbs in English end in “ed,” and removing the past warped the narrative with a quality of being out of time, out of history.

**Q** Could you discuss how memory functions in this project?

**A** A book is a form of memory. I thought of the story unfolding on my Instagram feed as a performance, with the comments and likes received on each post a form of applause. Wiping it away once the story was complete was an argument for the collective amnesia needed to heal following such a cataclysm—a gesture also in a sense about memory. The impulse to make a book was to document that the story had existed at all, similar to the way a catalog documents an exhibit. Is a book *that* much more permanent, though? I’m not so sure.

Every aspect of the book’s design was carefully considered in terms of the workings of memory. The algorithm that decays the digital AR imagery has a tactile, milky quality meant to evoke the way memory erodes the sharp edges of a moment. Because we remember images and language differently, the treatment of the text is based on the idea that I might remember a particularly luminous turn of phrase in a poem long after I’ve forgotten the full text. Rather than have the words become decayed and obscure indiscriminately across the page, I selected which words and phrases would remain untouched.

**Q** While augmented reality is thought of as an additive process, *Voidopolis* is inherently subtractive as it generates decay and wipes away stock photos of its human subjects. How does this tension inform the project as a whole?

**A** *Voidopolis* isn’t quite a book, is it? It’s a performative object. The AR components work to reproduce the sensation of loss rather than illustrate or describe loss. Meaning is embedded in the book’s formal presentation as much as in the narrative itself. If there is an artistic lineage here, it is probably Bansky’s infamous shredded painting, in the way the AR components enable an active disappearance, both giving and taking away the story. By wreaking some havoc with expectations for how a book is read, it has the subversive quality of graffiti—but in reverse.

By design, the digital AR components are unstable and contingent. The book threatens to disappear. But the reward of this delicate setup—and I think this an important aspect of the poetics of *Voidopolis*—is that you witness the book’s deterioration over time along with every other reader, in real time, worldwide. does something similar in book form.

**Q** It has been three years since the start of the COVID-19 pandemic. How has *Voidopolis* changed since those early days of the pandemic, and what do you hope that readers gain from reflecting on this experience?

**A** *Voidopolis* is at its core an oblique parable and guidebook for surviving cataclysm at any scale, whether the personal or the global. Going about daily life, we tend to take for granted how utterly fragile everything is; how life can simply come to a halt; how societies, however formidable and complex, can collapse. I hope *Voidopolis* can function as a reminder that while our connections to one another are tenuous, ever contingent, nevertheless we cling to one another, we form cities, we make artifacts in hopes they will be meaningful to what generations come after. If the story offers a depiction of how our world might look in this collapsing, the book’s very existence is a way of resisting that collapse.

# Activism

edited by Tom Snow and Afonso Ramos

**An edited collection that addresses the vital intersection of contemporary art and activism in this watershed cultural moment.**

Activism is a critical point of contention for institutions and genealogies of contemporary art around the world. Yet artists have consistently engaged in activist discourse, lending their skills to social movements, and regularly participating in civil and social rights campaigns while also boycotting cultural institutions and exerting significant pressure on them. This timely volume, edited by Tom Snow and Afonso Ramos, addresses an extraordinary moment in debates over the institutional frameworks and networks of art including large-scale direct actions, as well as a radical rethinking of art venues and urban spaces according to racial, class, or gender-based disparities, including demonstrations against the extractive and exploitative practices of neoliberal accumulation and climate catastrophe.

From ACT UP and its affiliate groups since the dawn of the AIDS crisis to the counter-spectacle and street theatrics of the so-called Arab Spring and Occupy, to ongoing protest movements such as Black Lives Matter, Rhodes Must Fall, and Decolonize This Place, activist aesthetics has proven increasingly difficult to define under traditional classifications. Resurgent campaigns for decolonial reckoning, ecological justice, gender equality, indigenous rights and antiracist pedagogies indicate that the role of activism in contemporary art practice urges a critical reassessment. One pressing question is whether contemporary art's most radical politics now takes place outside, against, or in spite of, conventional sites of display such as museums, biennials, and galleries.

**Tom Snow** is Adjunct Faculty at the Sotheby's Institute of Art.  
**Afonso Ramos** is Junior Researcher at the Art History Institute at NOVA FCSH, in Lisbon, and Associate Editor of Revista de História da Arte.

art

October  
5 3/4 x 8 1/4, 240 pp.

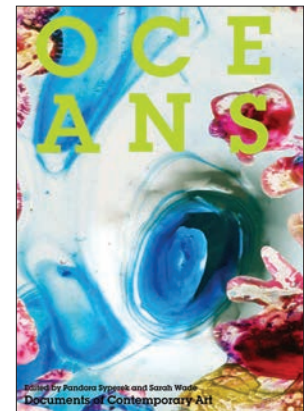
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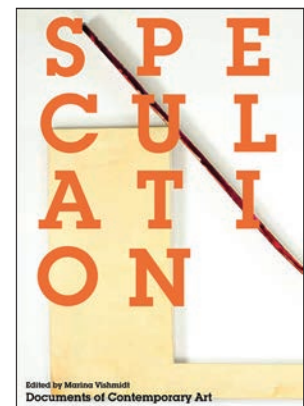
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Whitechapel: Documents of Contemporary Art

*Also available*



978-0-262-54534-



978-0-262-54533-4



# Design for Resilience

Making the Future We Leave Behind

Stuart Walker

**A beautifully written and illustrated framework for resilient design that is as pragmatic as it is inspiring, showing us not only how but also why we should design differently.**

*Design for Resilience* is a timely, visionary map for creating restorative design that addresses humanity's most critical issue: climate change. Our current wealth-oriented economic systems have resulted in gross disparities, war, refugee crises, and mass migrations that augur a bleak collective future. In this book, respected scholar Stuart Walker combines formidable research with practical examples to offer a hopeful, original, and transformative view of what resilient design looks like and how it can apply to all aspects of life, from personal objects to food to culture to business to recreation.

Working at the intersection of theory, philosophy, history, environmentalism, and justice, Walker offers a fresh approach that decolonizes design thinking to fundamentally change the nature of design practice and how it shapes our lives, communities, and industries. Asking nothing short of the fundamental question "How should we live?," *Design for Resilience* addresses the high-priority issues that concern governments, policymakers, designers, and people around the world who recognize that now, perhaps more than at any other time in human history, we need paradigmatic changes to create a future that lasts.

**Stuart Walker** is Chair of Design for Sustainability at Manchester School of Art, Emeritus Professor at Lancaster and Calgary, and Visiting Professor at Kingston University, London. He has conducted research and exhibited his conceptual designs internationally. His most recent book is *Design and Spirituality: A Philosophy of Material Cultures*.

design

August  
6 x 9, 416 pp.  
77 b&w illus.

**US \$34.95T/\$45.95 CAN cloth**  
978-0-262-04809-5

"Stuart Walker's new book is a must—and not only for designers. It truly offers actionable hope for a future that lasts for everyone."

—**Karl Stocker, Professor, University of Graz; coauthor of *Designing Sustainable Cities* (with Sigrid Bürstmayr)**

"In addition to his fascinating theoretical argument, Walker offers a powerful perspective that touches our senses with a radically poetic originality. This book invites us to build other possible worlds through design."

—**Mariana G. De la Rosa, Head of the Industrial Design Programme, México; President of DI-INTEGRA Mexican Association of Institutions and Schools of Industrial Design**

"This critical and engaging text takes the reader through an impressive array of theory and practice from design, science, and culture, with an optimistic call to action backed by persuasive precedents of resilient living."

—**Bruce M. Hanington, Professor, Carnegie Mellon University; coauthor of *Universal Methods of Design***



# The Hidden Factor

Mark and Gesture in Visual Design

Steven Skaggs

**An exquisitely illustrated introduction to the gestural mark in the designed world, exploring the tension between marks, which are felt, and images and words, which are conceptual.**

In *The Hidden Factor*, Steven Skaggs provides a beautifully illustrated and explained introduction to the mark—from those as physical as a scratch made by an animal, to those as accidental as a splatter of paint, to those as intentional as hand-drawn characters. Skaggs makes the case that, in the visual arts, gestures and mark-making operate on an equal level with image and word. While we might think of content as that which is communicated through text and images, Skaggs shows, through visual examples, that the gestural mark is often hidden within both images and the typographic forms that convey words.

By mapping different kinds of marks and showing how marks combine with image and word, *The Hidden Factor* explains that our desire for conceptual information suppresses our awareness of marking. This is especially the case with the tension between word and mark, where we desire legibility. As a result, one of the most conservative of arts—calligraphy—has the potential of being the most radical, since gesturally expressive handwriting is a natural threat to the legibility of a text.

Filled with expressive calligraphic art, graffiti, and other gorgeous marks, *The Hidden Factor* is an eye-opening read that brings to the fore the importance—and indeed, the prevalence—of the mark in everything we see.

**Steven Skaggs** is Professor of Design at the University of Louisville and the author of *Logos* and *FireSigns* (MIT Press), which was named a *Choice* Outstanding Academic Title for 2017 by the Association of College and Research Libraries. His font design, Rieven, received the Type Directors Award of Excellence in 2010, and his fine art calligraphic work is in the permanent collections of the Sackner Archive (University of Iowa), the Akademie der Künste (Berlin), and the Klingspor Museum (Offenbach).

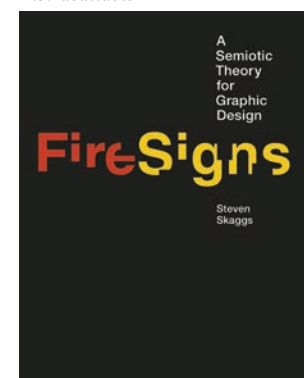
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November  
9 x 7 1/2, 192 pp.  
105+ color illus.

**US \$29.95T/\$39.95 CAN cloth**

978-0-262-04856-9

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978-0-262-03543-9

# Blotter

The Untold Story of an Acid Medium

Erik Davis

**A richly illustrated exploration of the history, art, and design of printed LSD blotter tabs.**

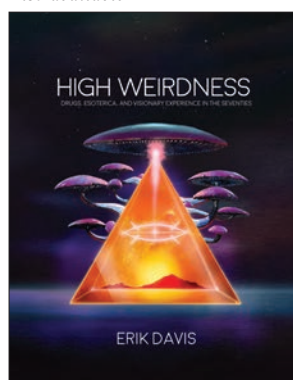
*Blotter* is the first comprehensive written account of the history, art, and design of LSD blotter paper, the iconic drug delivery device that will perhaps forever be linked to underground psychedelic culture and contemporary street art. Created in collaboration with Mark McCloud's Institute of Illegal Images, the world's largest archive of blotter art, Davis's boldly illustrated exhibition treats his outsider subject with the serious, art-historical respect it deserves, while also staying true to the sense of play, irreverence, and adventure inherent in psychedelic exploration.

Davis weaves together two main stories: first, the largely unknown history of blotter paper's development in the 1960s and its later flowering in the 1970s and 1980s; and second, the story of how San Francisco artist, professor, and "freak" McCloud began collecting blotter and ultimately became embroiled with the LSD trade. The book closes with a unique discussion of the market for "vanity blotter"—more recent perforated papers produced as collectible art objects never meant to be dipped in LSD. While vanity blotters are intimately related to the underground blotters of the LSD trade, they effectively open up their own visual world. As the ultimate document of this ephemeral artform, *Blotter* represents an exceptional contribution to the scholarship of art and psychedelics that will entertain older readers with lysergic nostalgia and younger readers with its image-driven journey through a colorful and scandalous corner of psychedelic lore.



Blotter art examples from *Blotter*.

Also available



978-1-907222-87-0

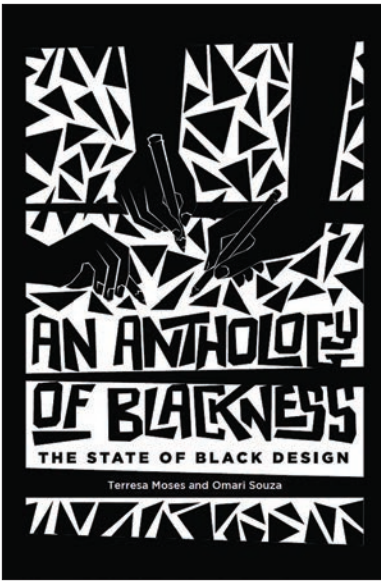
**Erik Davis** is a scholar, award-winning journalist, and speaker whose writing has ranged from rock criticism to media studies to creative explorations of esoteric mysticism. He is the author of, among other books, *High Weirdness: Drugs, Esoterica, and Visionary Experience in the Seventies* (MIT Press/Strange Attractor Press).

art

April  
8 x 10, 208 pp.  
186 color illus.

**US \$32.95T/\$43.95 CAN paperback**

978-0-262-04850-7



## An Anthology of Blackness

The State of Black Design

edited by **Teresa Moses and Omari Souza**

foreword by Elizabeth (Dori) Tunstall

**An adventurous collection that examines how the design field has consistently failed to attract and support Black professionals—and how to create an anti-racist, pro-Black design industry instead.**

*An Anthology of Blackness* examines the intersection of Black identity and practice, probing why the design field has failed to attract Black professionals, how Eurocentric hegemony impacts Black professionals, and how Black designers can create an anti-racist design industry. Contributing authors and creators demonstrate how to develop a pro-Black design practice of inclusivity, including Black representation in designed media, anti-racist pedagogy, and radical self-care. Through autoethnography, lived experience, scholarship, and applied research, these contributors share proven methods for creating an anti-racist and inclusive design practice.

The contributions in *An Anthology of Blackness* include essays, opinion pieces, case studies, and visual narratives. Many contributors write from an intersectional perspective on race, gender, sexuality, ethnicity, and ability. Each section of the book expands on community-driven concerns about the state of the design industry, design pedagogy, and design activism. Ultimately, this articulated intersection of Black identity and Black design practice reveals the power of resistance, community, and solidarity—and the hope for a more equitable future. With a foreword written by design luminary Elizabeth (Dori) Tunstall, *An Anthology of Blackness* is a pioneering contribution to the literature of social justice.

**Teresa Moses** is Creative Director of Blackbird Revolt, Director of Design Justice, and Assistant Professor of Graphic Design at the University of Minnesota. She created Project Naptural, co-created Racism Untaught, and is both a core team member of African American Graphic Designers and a collaborator with the Black Liberation Lab. **Omari Souza** is Assistant Professor of Communication Design at the University of North Texas, the organizer of the State of Black Design Conference, and a Design Researcher at Capital One. Formerly, he worked at *VIBE magazine*, CBS Radio, and Case Western Reserve University.

design

October

6 x 9, 256 pp.

27 color illus., 36 b&w illus.

**US \$32.95T/\$43.95 CAN cloth**

978-0-262-04866-8

# Racism Untaught

Revealing and Unlearning Racialized Design

Lisa E. Mercer and Terresa Moses

foreword by Cheryl D. Miller

**A powerful and proven guidebook that shows organizations how to recognize racism in designed artifacts, systems, and experiences—and how to replace them with anti-racist design solutions.**

Anti-racist design interventions can be difficult. Well-intentioned conversations can fuel tensions, activate racialized trauma, and lead to misunderstandings, especially in spaces not typically focused on diversity, equity, and inclusion. We need anti-racist guidelines and approaches that lay bare racialized systems of oppression and fundamentally disrupt their replication. In *Racism Untaught*, Lisa Mercer and Terresa Moses, two veteran anti-racist educators, deliver this exact approach.

Mercer and Moses provide a step-by-step guide to anti-racist interventions in academic, business, and community settings that benefits all participants. Adapted from their successful workshop series and filled with concrete examples and ample case studies, their book teaches participants how to analyze design—and reimagine racialized artifacts, systems, and experiences guided by anti-oppressive principles. They demonstrate how to examine positionality within the context of racism and oppression; help us understand how design can reinforce and perpetuate oppression; and reveal the unique relationship among equity, ethics, and responsibility that constitutes the core value of an anti-racist design discipline. In *Racism Untaught*, Mercer and Moses provide the framework we need to unlearn racialized design practices and move more generatively toward collective liberation.

With a foreword by renowned designer Cheryl D. Miller, *Racism Untaught* is a valuable tool for anyone who wants to help themselves and their organization create an actionable and inclusive plan to dismantle racial oppression and instead realize equitable, anti-racist, and liberatory design.

**Lisa E. Mercer** is Assistant Professor of Graphic Design and Design for Responsible Innovation at the University of Illinois, Urbana-Champaign.

**Terresa Moses** is Creative Director of Blackbird Revolt, Director of Design Justice, and Assistant Professor of Graphic Design at the University of Minnesota.

social science | cultural studies

October

6 x 9, 280 pp.

90 color illus., 2 b&w illus.

**US \$26.95T/\$35.95 CAN paperback**

978-0-262-04858-3



# How to Research Like a Dog

Kafka's New Science

Aaron Schuster

**A provocative book that proposes a new and surprising inspiration for philosophy today—the canine thinker from Kafka's story "Investigations of a Dog."**

Written toward the end of Kafka's life, "Investigations of a Dog" (Forschungen eines Hundes, 1922) is one of the lesser-known and most enigmatic works in the author's oeuvre. Walter Benjamin remarked that it was the one story he never managed to figure out. Kafka's tale of philosophical adventure is that of a lone, maladjusted dog who challenges the dogmatism of established science and pioneers an original research program in pursuit of the mysteries of his self and his world. Schuster revisits this text, using the canine as a guide dog through which to rediscover Kafka's fictional universe, while taking up the cause of this ingenious, possessed, melancholy, comical, and revolutionary thinker.

Neither an exercise in literary criticism nor a traditional philosophical commentary, this charming and idiosyncratic book aligns itself with and develops the research program of Kafka's dog. It constructs an "impossible" system based on the fourfold division of nourishment, music, incantation, and freedom—or, stated a bit differently: enjoyment, art, institutions, and freedom. Schuster puts the dog in dialogue with psychoanalytic theory (Freud and Lacan), the history of philosophy (Plato, Diogenes, Descartes, Kierkegaard, German Idealism, Marx, phenomenology), and literature (Gogol, Melville, Flaubert, Cervantes, Lispector). Imagining the "Unknown University" that Kafka's new science calls for, the book enlists new comrades in the dog's struggle.

**Aaron Schuster** is a philosopher and writer who lives in Amsterdam. His first book *The Trouble with Pleasure: Deleuze and Psychoanalysis* is also a title in the Short Circuits series.

philosophy

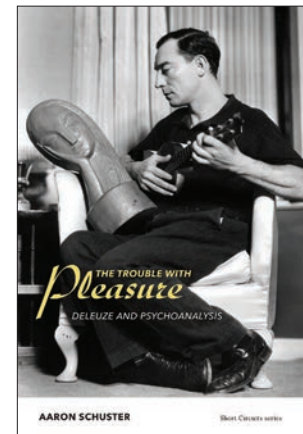
March  
6 x 9, 264 pp.  
5 b&w illus.

**US \$29.95 / \$39.95 CAN paperback**

978-0-262-54354-5

Short Circuits series, edited by Slavoj Žižek

*Also available*



978-0-262-52859-7

# Subject Matter

The Anaesthetics of Habit and the Logic  
of Breakdown

Aron Vinegar

**A theorization of habit that emphasizes its excessive and unsettling qualities rather than its mediating, adaptive, and stabilizing functions.**

*Subject Matter* offers a bold counterpoint to prevalent conceptions of habit characterized by bodily fluidity and ease, as the stabilizing foundation of an emerging subjectivity, or, more negatively, as a numbing and deadening force. Instead of facilitating the coordination of action with goal and self with environment, habit appears as a disruptively recursive operation with extreme ontological implications that are often more quotidian than exceptional. Vinegar theorizes habit's more perturbing aspects, from repetition compulsion to kenosis to breakdown, through an encounter between Hegel's philosophy (of habit), psychoanalytic dimensions of repetition, Tom McCarthy's novel *Remainder*, and Omer Fast's feature-length film interpretation of the novel.

Vinegar starts with the premise that habit is an "unhappy mediator," a disturbance of the very medium and milieu that is constitutive of the subject. *Subject Matter* pays close attention to those aspects of habit that are usually considered deviations from, or potential threats to, habit proper and that generate a logic of breakdown: automaticity, mechanization, thingness, inertia, and fixity. By plotting a topology of habit's unbearability through detailed accounts of its manifestation in writing, art, aesthetics, and visuality—and through an attentiveness to the unbalanced nonrelations between mediation and immediacy, being and having, fixity and fluidity, vanishing and overflowing, abbreviation and excess, beginning and ending—Vinegar exposes habit's failure to mediate and inhabit. In doing so, he offers new and counterintuitive insights into how habit generates the unruly grounds it is supposed to settle, thus allowing us to ask how we might break down differently.

**Aron Vinegar** is Professor of Art History and Visual Studies at the University of Oslo. He writes and teaches at the intersection of art, architecture, visual studies, aesthetics, and philosophy.

philosophy

October  
6 x 9, 208 pp.  
61 b&w illus.

**US \$29.95T/\$39.95 CAN paperback**

978-0-262-54636-2

Short Circuits series



## Politically Red

Eduardo Cadava and Sara Nadal-Melsió

**How reading and writing are collective acts of political pedagogy, and why the struggle for change must begin at the level of the sentence.**

“Reading is class struggle,” writes Bertolt Brecht. Marxism is not just a body of political and economic thought but also a practice of reading and writing, in which individual sentences give form to collective action and become social beings in their own right. Through a series of creative and interconnected readings of writings by, among others, Karl Marx, W. E. B. Du Bois, Rosa Luxemburg, Walter Benjamin, and Fredric Jameson, Eduardo Cadava and Sara Nadal-Melsió contextualize contemporary demands for social and racial justice by expanding our understanding of the relationship between literacy and class politics.

Reading between the lines, as it were, Cadava and Nadal-Melsió engage in an inventive literary mode of activist writing that finds new resources for Marxist thought, crucial for confronting the inequalities of our current historical moment and for combating insurgent fascism and racism. Reading and writing, they argue, are never solitary tasks, but rather collaborative and collective, and able to revitalize our shared political imagination. Drawing on what they call a “red common-wealth”—an archive of vast resources for doing political work and, in particular, antiracist work—Cadava and Nadal-Melsió demonstrate that sentences, as dynamic repositories of social relations, are historical and political events.

**Eduardo Cadava** is Philip Mayhew Professor of English at Princeton University. He is the author of *Words of Light: Theses on the Photography of History*, *Emerson and the Climates of History*, and *Paper Graveyards*. **Sara Nadal-Melsió** is a NYC-based Catalan writer, curator, and teacher. She has taught at the University of Pennsylvania, Princeton University, SOMA in Mexico City, and New York University. Her book *Europe and the Wolf: Political Variations on a Musical Concept* is forthcoming from Zone Books.

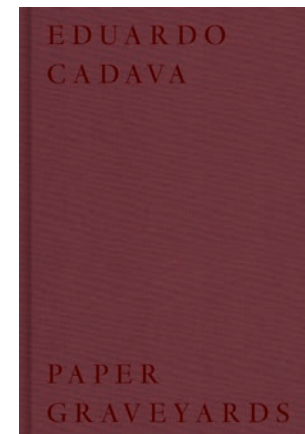
philosophy

January  
5 1/2 x 8 1/2, 368 pp.  
25 color illus., 14 b&w photos

**US \$29.95T/\$39.95 CAN paperback**

978-0-262-04780-7

*Also available*



978-0-262-04604-6



# The Abuse of Property

Daniel Loick

translated by Jacob Blumenfeld

**A fundamental critique of the current property regime, calling for radical social and political change.**

“With searing clarity, Daniel Loick presents a highly sophisticated, urgent, and necessary interrogation of ‘the tragedy of property.’ Breathing new life into the social, political, and ethical critiques of private forms of ownership, Loick offers us a novel and sorely needed reconceptualization of the concept of use as a basis for radical political and social movements. Upending complacent notions of the commons, Loick illuminates how squatting and occupying, along with movements for landback and abolition, center repair over destruction and collective life over individual profit. This book is an indispensable read for scholars, students, and activists alike.”

—**Brenna Bhandar, author of *Colonial Lives of Property: Law, Land, and Racial Regimes of Ownership***

In *The Abuse of Property*, Daniel Loick offers a multifaceted philosophical critique of the concept of property, broadly understood. He argues that property should not be the dominant framework in which human beings regulate the use of things, that property is not the same as use. Property rights, in his view, are not conditions of freedom or justice, but deficient, dysfunctional, and harmful ways of interacting with other people and the natural environment. He dissects not only the classic justifications of property (from John Locke’s justification of property as a natural right based on individual freedom to Hegel’s justification of property as a form of mutual recognition) but also the classic critiques of property, from Proudhon and Marx up to Adorno and Agamben.

Through an innovative critical approach to legal studies, Loick demonstrates how the concept of property, historically applied to things and people and still a linchpin of our distorted relation with the world, forms a direct line from the Occupy movement to Black Lives Matter and beyond.

**Daniel Loick** is Associate Professor in Political and Social Philosophy at the University of Amsterdam. He is the author of *A Critique of Sovereignty* and other works.

philosophy

August

4 1/2 x 7, 136 pp.

**US \$17.95T/\$24.95 CAN paperback**

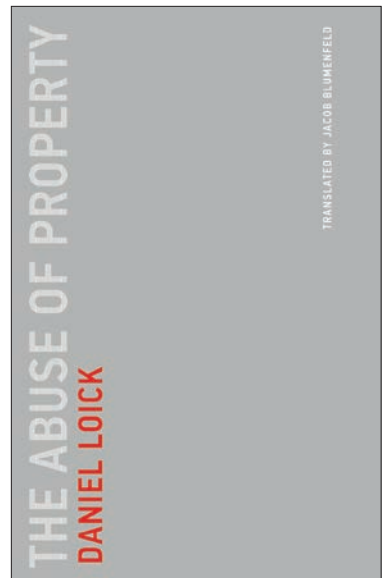
978-0-262-54550-1

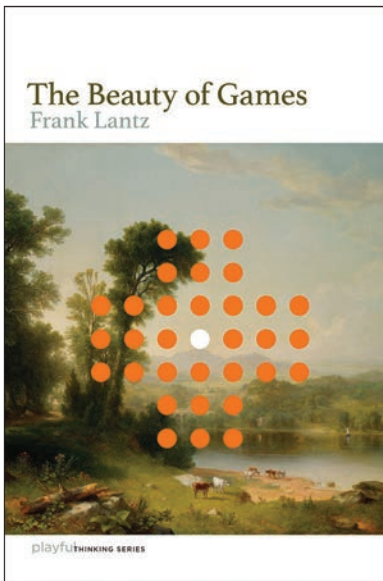
Untimely Meditations series

Also available



978-0-262-53750-6





## The Beauty of Games

Frank Lantz

**How games create beauty and meaning, and how we can use them to explore the aesthetics of thought.**

Are games art? This question is a dominant mode of thinking about games and play in the twenty-first century, but it is fundamentally the wrong question. Instead, Frank Lantz proposes in his provocative new book, *The Beauty of Games*, that we think about games and how they create meaning through the lens of the aesthetic. We should think of games, he writes, the same way we think about literature, theater, or music—as a form that ranges from deep and profound to easy and disposable, and everything in between. Games are the aesthetic form of interactive systems, a set of possibilities connected by rules of cause and effect.

In this book, Lantz analyzes games from chess to poker to tennis to understand how games create beauty and evoke a deeper meaning. He suggests that we think of games not only as hypermodern objects but also as forms within the ancient context of artistic production, encompassing all of the nebulous and ephemeral qualities of the aesthetic experience.

**Frank Lantz** has taught game design for over twenty years at New York University, where he helped create the NYU Game Center and served as the founding Chair of the Game Design department from its inception until 2021. He is a game designer who has shipped over fifty titles, including the 2017 viral hit *Universal Paperclips*. In 2020, he created the board game *Hey Robot* in collaboration with his wife and son. *Hey Robot* has since become a recurring feature on *The Tonight Show* Starring Jimmy Fallon.

games

October

5 1/4 x 8, 184 pp.

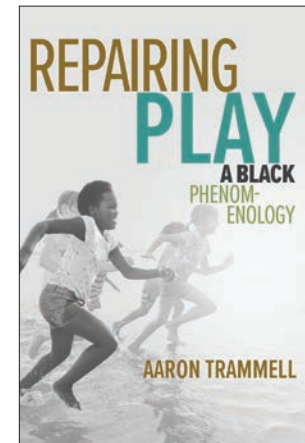
6 b&w illus.

**US \$19.95T/\$25.95 CAN cloth**

978-0-262-04853-8

Playful Thinking series

Also available



978-0-262-54527-3



978-0-262-04438-7

## Playing Place

Board Games, Popular Culture, Space

edited by Chad Randl and D. Medina Lasansky

**An essay collection exploring the board game's relationship to the built environment, revealing the unexpected ways that play reflects perceptions of space.**

Board games harness the creation of entirely new worlds. From the medieval warlord to the modern urban planner, players are permitted to inhabit a staggering variety of roles, and are prompted to incorporate preexisting notions of placemaking into their decisions. To what extent do board games represent the social context of their production? How might they reinforce or subvert normative ideas of community and fulfillment? In *Playing Place*, Chad Randl and D. Medina Lasansky have curated a collection of 37 fascinating essays, supplemented by a rich trove of photo illustrations, that unpack these questions with breadth and care.

Although board games are often recreational objects, their mythologies and infrastructure do not exist in a vacuum—rather, they echo and reproduce prevalent cultural landscapes. This thesis forms the throughline of pieces reflecting on subjects as diverse as the rigidly gendered fantasies of classic mass-market games; the imperial convictions embedded in games that position player-protagonists as conquerors establishing dominion over their “discoveries”; and even the uncanny prescience of games that have players responding to a global pandemic. Representing a thrilling convergence of historiography, architectural history, and media studies scholarship, *Playing Place* suggests not only that tabletop games should be taken seriously but also that the medium itself is uniquely capable of facilitating our critical consideration of structures that are often taken for granted.

**Chad Randl** is Art DeMuro Assistant Professor of Historic Preservation at the University of Oregon. He is the author of *A-Frame and Revolving Architecture: A History of Buildings That Rotate, Swivel, and Pivot*.

**D. Melina Lasansky** is Professor in the Department of Architecture at Cornell University, where her research and teaching focus on the intersection of the built environment, politics, and popular culture.

games

August  
8 x 10, 280 pp.  
154 color illus.

**US \$39.95T/\$53.95 CAN cloth**  
978-0-262-04783-8

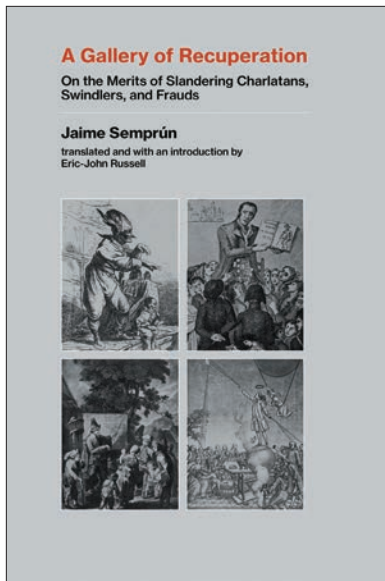


“A fascinating, amusing, and eye-opening collection of essays.”

—**Iain Borden, Professor,  
University College London;  
author of *Skateboarding  
and the City***

“Never has a book of serious architectural scholarship provided greater thrills. A banquet of board games and architecture that leaps across time, space, cultures and players. Roll the dice, it’s time to play!”

—**Barbara Penner, Professor,  
Bartlett School of Architecture,  
University College London;  
editor of *Extinct: A Compendium  
of Obsolete Objects***



## A Gallery of Recuperation

On the Merits of Slandering Charlatans, Swindlers, and Frauds

**Jaime Semprún**

translated and with an introduction by Eric-John Russell

**The first English translation of the French cult classic that lampoons France's most popular intellectuals of the post-1968 period and their ideas, which became forces of counterrevolution.**

Eric-John Russell's translation of Jaime Semprún's brutal takedown of France's best-known intellectuals of the post-1968 period, *A Gallery of Recuperation*, is the first English edition of any of Semprún's books. Originally titled *Précis de recuperation*, the book is a scathing critique of ten major thinkers, including Michel Foucault, Gilles Deleuze, Jean-François Lyotard, and Cornelius Castoriadis. Semprún uses this catalog of careerism to reflect on the concept of recuperation—capitalism's uncanny ability to coopt anticapitalist critiques and subvert subversion. His central question: What happens to revolutionary ideas, including Marxism itself, in the hands of professional intellectuals?

Semprún's idiosyncratic and playful style of polemics takes existentialism, humanism, structuralism, poststructuralism, postmodernism, aesthetics, and psychoanalysis to task, casting new light on the figures who have become dominant staples of modern Anglophone academia, and proving the necessity of critiquing intellectuals' roles within contemporary capitalism. A cult classic among the French radical left and scholars of the Situationist International and May 1968, *A Gallery of Recuperation* never made the impact it should have. Russell's translation marks a major step in recognizing Semprún's work beyond its French context.

**Jaime Semprún** (1947–2010) was a French writer and publisher. In 1984, Semprún and ex-situationist Christian Sebastiani founded the journal *Encyclopédie des Nuisances*. Producing fifteen issues until 1992, the journal published articles on situationist themes, including many penned by an anonymous Guy Debord.

political science | philosophy

August  
5 1/4 x 8, 200 pp.  
1b&w illus.

**US \$18.95T/\$24.95 CAN paperback**  
978-0-262-54617-1

"After May '68, a new generation of French thinkers appeared [and] stunned the world for decades. Yet prior to their dominance within the Anglophone world, Jaime Semprún's dictionary raised its finger and pointed: the Emperor has no clothes."

**—Anselm Jappe, author of *Guy Debord and The Writing on the Wall: On the Decomposition of Capitalism and Its Critics***



## Dis... Miss Gender?

edited by Anne Bray

**A bold mix of photographs and short essays in which artists, writers, and theorists investigate and celebrate the rapidly evolving world of gender.**

Discuss. Discover. Disrupt. We dis- a lot in English, particularly with regard to women and queer people. Our understanding of gender is changing, and with it, so are our questions. *Dis...Miss Gender?* provides thoughtfully considered contributions from an intrepid group of artists and writers who examine contemporary concepts of gender. Anchored by lavish illustrations and original essays from prominent gender theorists, including Karen Tongson, Amelia Jones, and Tiffany E. Barber, plus commentary from artists, viewers, and

organizations committed to equity and justice, this provocative book is the culmination of a five-year initiative by Anne Bray.

*Dis... Miss Gender?* offers a kaleidoscopic survey of intersectionality, feminism, and queer theory. As the population of gender nonconforming and people of color grows, so too does their demand for visual representations of themselves in the world at large. *Dis...Miss Gender?* nourishes the change we need so that we can at last model diverse identities, question our options, reduce our judgments, and destroy stereotypes. Celebrating a joyful plurality, this book is a finger-on-the-pulse revelation of gender in the act of transforming.

**Anne Bray** is an artist and director of the nonprofit arts organization Freewaves in Los Angeles. Freewaves has presented more than 3,000 artists in partnership with 125 curators and over 100 organizations at venues including MIT, the Los Angeles Museum of Contemporary Art, and the Hammer Museum.

art

October  
8 x 10, 272 pp.  
163 color illus.

**US \$39.95T/\$53.95 CAN paperback**  
978-0-262-54644-7

"Enticement is here, on the page and in the image. Assertion, affirmation, cheer, manifesto, resourcefulness, camaraderie—I am beckoned by these intense attractions into this book's mission and moment. I could not resist its luminosity."

**—Kathryn Bond Stockton, Dean of the School for Cultural & Social Transformation, The University of Utah; author of *Gender(s)***

"What a fantastic book! If you wonder what today's genderbending is all about, this mix of art, activism, manifesto, confrontation, and celebration will keep you spellbound with every gorgeous page."

**—Suzanne Lacy, Professor, Roski School of Art and Design, University of Southern California**



## Shadows of Reality

A Catalogue of W.G. Sebald's Photographic Materials

edited by Clive Scott and Nick Warr

**The first-ever volume of the photographs of German writer W.G. Sebald, exquisitely designed to shed new light on his creative process.**

*Shadows of Reality* presents a unique, fully illustrated catalogue of W.G. Sebald's photographs: an extraordinary combination of film negatives, prints, and slides from the University of East Anglia's photographic collection, the Deutsches Literaturarchiv Marbach, and the Sebald Estate. Complementing the exhibition *Lines of Sight: W.G. Sebald's East Anglia* and edited by literary

scholar Clive Scott and photography curator Nick Warr, this wonderfully comprehensive book covers the multiple photographic facets of Sebald's published work and includes a substantial amount of material that has not been made public before.

Introduced by Nick Warr, who offers an intriguing overview of the author's critical relationship to photography, *Shadows of Reality* also includes an illuminating interview with Michael Brandon-Jones, the photographer who collaborated with Sebald on all of his publications. The book features a collection of extracts—principally on photography—from interviews with Sebald himself, bequeathed to the archive of recordings held at the University of East Anglia by his close friend Gordon Turner, who also provides a memoir. Accompanying these are inspired essays by Clive Scott and Angela Breidbach on Sebald's writing-with-photographs and the complex and mercurial interactions of those photographs with narrative design.

**Clive Scott** is Emeritus Professor of European Literature at the University of East Anglia and an Emeritus fellow of the British Academy.

**Nick Warr** is Lecturer in Art History and Curation in the School of Art, Media, and American Studies at the University of East Anglia.

photography | literary criticism

September  
10 x 12 1/2, 468 pp.  
900 color illus.

**US \$59.95T/\$78.95 CAN paperback**

978-1-911343-66-0

not for sale in the UK

# In Visible Presence

Soviet Afterlives in Family Photos

**Oksana Sarkisova and  
Olga Shevchenko**

**An absorbing exploration of Soviet-era family photographs that demonstrates the singular power of the photographic image to command attention, resist closure, and complicate the meaning of the past.**

A faded image of a family gathered at a festively served dinner table, raising their glasses in unison. A group of small children, sitting in orderly rows, with stuffed toys at their feet and a portrait of Lenin looming over their heads. A pensive older woman against a snowy landscape, her gaze directed lovingly at a tombstone. These are a few of the evocative images in *In Visible Presence* by Oksana Sarkisova and Olga Shevchenko, an exquisitely researched book that brings together photographs from Soviet-era family photo archives and investigates their afterlives in Russia.

*In Visible Presence* explores the photographic images' singular power to capture a fleeting moment by approaching them as points of contestation and possibility. Drawing on over a decade of fieldwork and interviews, as well as internet ethnography, media analysis, and case studies, *In Visible Presence* offers a rich account of the role of family photography in creating communities of affect, enabling nostalgic longings, and processing memories of suffering, violence, and hardship. Together these photos evoke youthful aspirations, dashed hopes, and moral compromises, as well as the long legacy of silence that was passed down from grandparents to parents to children.

With more than 250 black and white photos, *In Visible Presence* is an astonishing journey into domestic photography, family memory, and the ongoing debate over the meaning of the Soviet past that is as timely and powerful today as it has ever been.

**Oksana Sarkisova** is Research Fellow at the Vera and Donald Blinken Open Society Archives and cofounder of the Visual Studies Platform at Central European University. She is the author of *Screening Soviet Nationalities* and coeditor of *Past for the Eyes*. **Olga Shevchenko** is Paul H. Hunn '55 Professor in Social Studies at the Department of Anthropology and Sociology at Williams College. She is the author of *Crisis and the Everyday in Postsocialist Moscow* and the editor of *Double Exposure: Memory and Photography*.

photography

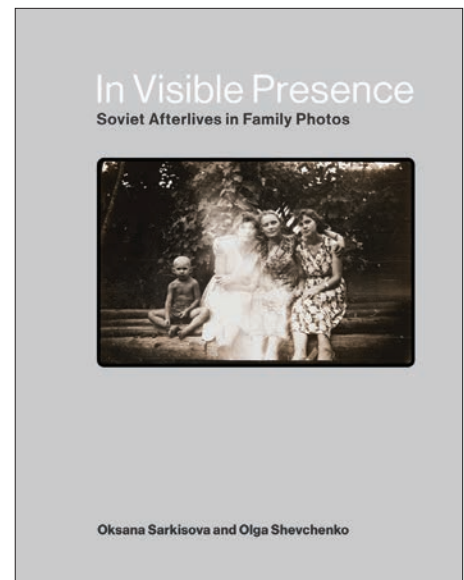
October

7 x 9, 488 pp.

259 b&w photos

**US \$49.95T/\$65.95 CAN cloth**

978-0-262-04827-9



# The Monster Leviathan

Anarchitecture

Aaron Betsky

**Visionary proposals for a mythic and strange architecture—or anarchitecture—through which we can imagine other and better worlds.**

Lurking under the surface of our modern world lies an unseen architecture—or anarchitecture. It is a possible architecture, an analogous architecture, an architecture of anarchy, which haunts in the form of monsters that are humans and machines and cities all at once; or takes the form of explosions, veils, queer, playful spaces, or visions from artwork and video games. In *The Monster Leviathan*, Aaron Betsky traces anarchitecture through texts, design, and art of the twentieth and early twenty-first century, and suggests that these ephemeral evocations are concrete proposals in and of themselves. Neither working models nor suggestions for new forms, they are scenes just believable enough to convince us they exist, or just fantastical enough to open our eyes.

*The Monster Leviathan* gives students and lovers of architecture, as well as those hoping to construct a better, more sustainable, and socially just future, a set of tools through which they can imagine that such other worlds are possible. As Betsky eloquently articulates, anarchitecture already exists and does not exist at all. It is the myth of building, and all we have to do is find it.

**Aaron Betsky** is Professor in the School of Architecture and Design at Virginia Tech. He has served as Dean and President of the School of Architecture at Taliesin, Director of the Cincinnati Art Museum and the Netherlands Architecture Institute, as well as Curator of Architecture and Design at the San Francisco Museum of Modern Art. In 2008, he also directed the 11th Venice International Biennale of Architecture.

architecture

December  
6 1/4 x 9 1/2, 480 pp.  
140 color photos

**US \$39.95T/\$53.95 CAN paperback**

978-0-262-54633-1



# Atrium

Charles Rice

**How the rise of the large-scale atrium space in the 1970s and '80s changed the way buildings could be designed, constructed, regulated, and occupied.**

In the 1970s, a void opened at the heart of architecture. In hotels, offices, public buildings, and commercial centers, the atrium emerged globally to challenge the modernist legacies of form and function, altering the pattern and experience of cities. While often appearing at vast scale and to striking effect, the atrium also became omnipresent and mundane. In this lively critique, Charles Rice charts the atrium's appearance in the 1970s and its development through the 1980s, as it accompanied profound shifts in the discipline and practice of architecture.

During this period, architectural practice especially in the United States and United Kingdom was changing rapidly, due in part to the manifold effects of deregulation. All aspects of the way buildings were designed, developed, regulated, built, managed, and occupied were being reshaped. A practice guided by the progressive tenets of modernism was being turned into a professional service fully integrated within neoliberal social and economic imperatives. As Rice shows, the atrium gives this story a distinct spatial and material figure, one that offers an inside view of architecture in transformation.

**Charles Rice** is Professor of Architecture at the University of Technology Sydney. He is author of *The Emergence of the Interior: Architecture, Modernity, Domesticity* and *Interior Urbanism: Architecture, John Portman and Downtown America*.

architecture

October

7 x 9, 216 pp.

14 color illus., 30 b&w illus.

**US \$44.95T/\$59.95 CAN cloth**

978-0-262-04833-0

# Melancholy Wedgwood

Iris Moon

**An experimental biography of the ceramics entrepreneur Josiah Wedgwood that reveals the tenuous relationship of eighteenth-century England to late-capitalist modernity.**

*Melancholy Wedgwood* traces the multiple strands in the life of the ceramic entrepreneur Josiah Wedgwood (1730–1795) to propose an alternative view of eighteenth-century England’s tenuous relationship to our own lives and times, amid the ruins of late-capitalist modernity.

Through intimate vignettes and essays, and in writing that turns funny, sharp, and pensive, Iris Moon chips away at the mythic image of Wedgwood as singular genius, business titan, and benevolent abolitionist, revealing an amorphous, fragile, and perhaps even shattered life. In the process the book goes so far as to dismantle certain entrenched social and economic assumptions, not least that the foundational myths of capitalism might not be quite so rosy after all, and instead induce a feeling that could only be characterized as blue.

**Iris Moon** is Assistant Curator in the European Sculpture and Decorative Arts Department at the Metropolitan Museum of Art. She is the author of *Luxury after the Terror* and coeditor with Richard Taws of *Time, Media, and Visuality in Post-Revolutionary France*. She teaches at the Cooper Union for the Advancement of Science and Art.

biography

January

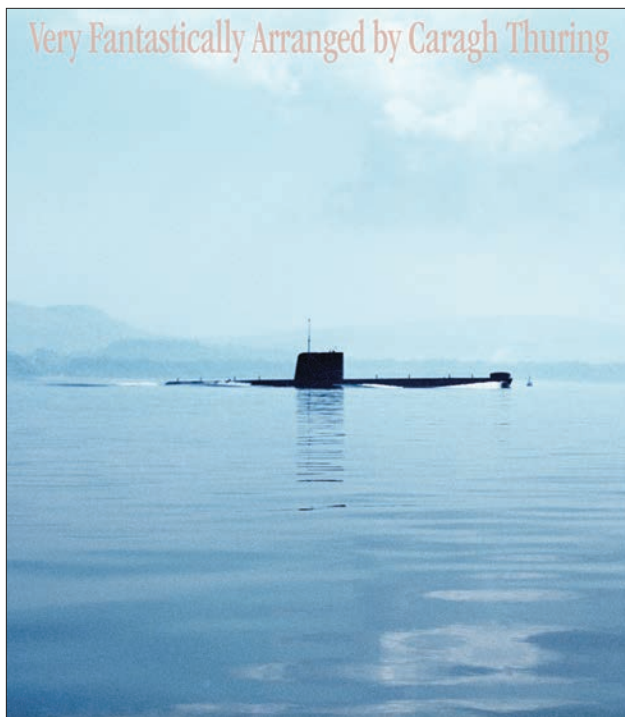
5 1/2 x 8 3/4, 272 pp.

85 b&w illus., 14 color plates

**US \$34.95T/\$45.95 CAN paperback**

978-0-262-54634-8

Very Fantastically Arranged by Caragh Thuring



## Very Fantastically Arranged

Caragh Thuring

text by Laura Smith,  
Helen Marten,  
and Ralph Rugoff

**A richly illustrated first monograph of artist Caragh Thuring, whose unique and layered paintings invite a boundless reimagining of her subjects.**

This dedicated volume is the first to comprehensively document the work of Caragh Thuring, the London-based painter and artist. With over 200 images of Thuring's work, as well as written contributions by Laura Smith and Helen Marten, and a conversation

with Ralph Rugoff, *Very Fantastically Arranged* offers a deep dive into the themes, obsessions, and slippery subjects the artist investigates in her vibrant, multilayered, and often irreverent paintings.

Thuring paints fluidly and intuitively, without preparatory drawings, and arranges imagery in opposition to logical and comfortable hierarchies. In a constantly filtering world, her fractured yet deft compositions of people and places create intriguingly disjunctive images that interweave technological, human, and natural worlds. Thuring's practice relishes but undermines the inherent flatness of painting, destabilizing the viewer and forcing them to reconsider how they have been conditioned to look and see.

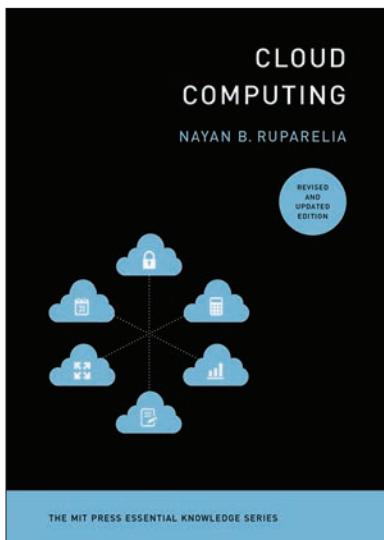
This volume reveals, as Laura Smith writes, Thuring's endeavor "to assemble, repeat and reconstruct details from her environment, biography and history into a new and ever-evolving narrative that is as much ours as it is hers to complete."

**Caragh Thuring** was born in Brussels in 1972 and received a BA Hons in Fine Art from Nottingham Trent University in 1995. She has had solo exhibitions in galleries across the globe, from Luisa Strina Gallery in São Paulo to Thomas Dane Gallery in Naples to Simon Preston Gallery in New York City. Her works are in the collections of Tate, England; Arts Council Collection, England; Government Art Collection, England; and Albright-Knox Art Gallery, Buffalo, NY, USA, as well as private UK and international collections.

art

September  
11 x 12 1/2, 240 pp.  
100 color illus.

**US \$59.95T/\$78.95 CAN paperback**  
978-0-262-04845-3



# Cloud Computing

revised and updated edition

Nayan B. Ruparelia

**An updated, revised, and comprehensive overview of the concepts related to cloud computing, including recent applications, innovations, and its future evolution.**

In this Essential Knowledge volume, Nayan B. Ruparelia provides an updated and revised version of *Cloud Computing*, first published in 2016, to address not only the fact that cloud computing has become a ubiquitous part of mainstream computing since then but also has made strides in other key aspects of the technology's development. *Cloud Computing* now includes:

- **cloud computing's history,**
- **updated security fundamentals that provide examples of Identity and Access Management (IAM) use that illustrate the difference between on-premise (i.e., conventional) security and cloud-based security implementation and Security Information and Event Management (SIEM),**
- **an updated discussion of data migration to the cloud,**
- **a new chapter on data integrity,**
- **cloud native computing,**
- **the use of microservice design patterns,**
- **cloud automation using orchestrators and tools such as Kubernetes,**
- **a comparison of common public clouds (Microsoft Azure, Google Cloud Platform, and Amazon AWS),**
- **and a future outlook for cloud computing.**

An indispensable guide to cloud computing for the layperson, *Cloud Computing* cuts through the technical jargon and details that are irrelevant to nontechnologists, as well as the marketing hype, and explains clearly what cloud computing is, when to use it (and when not to), how to select a cloud service, how to integrate it with other technologies, and what the best practices are for its adoption.

**Nayan B. Ruparelia** is a technical advisor to investment firms. He has over 29 years of experience in IT, of which 10 years was as a CTO at organizations ranging from startups to multinationals. He has been awarded a US patent in the Internet of Things and cloud computing.

computer science

August

5 x 7, 280 pp.

23 b&w illus.

**US \$16.95T/\$22.99 CAN paperback**

978-0-262-54647-8

The MIT Press Essential Knowledge series

# Plastics

Imari Walker-Franklin and Jenna Jambeck

**A comprehensive introduction to the plastics life cycle—the impacts on our lives, our future, and our planet—and the actions we can take.**

Everywhere we look, we are surrounded by plastics: perhaps you have a book in one hand and your phone—made of various metals, plastics, and glass—in the other, or you are reading this on your polyurethane mattress after having flipped on a plastic light switch. In this Essential Knowledge series volume, Imari Walker-Franklin and Jenna Jambeck provide a deep exploration of the entire life of plastic things—plastics production and use, plastic waste generation and management, the environmental and societal impacts of plastics in our environment, and, finally, the policies that can help reduce pollution caused by our heavy use of plastics.

One of the most current and comprehensive summaries on the subject, *Plastics* covers not only ocean and terrestrial plastic pollution but also the potential harms of microplastics on the human body. The authors also explain why we use plastic for so many products, how trash ends up in even the most remote corners of our world, and the alternatives and interventions that can help address our overreliance on this virtually imperishable material. As easily digestible to read as it is important, this book empowers its readers with the crucial knowledge and information they need to make thoughtful consumer choices, influence change, and spark inspiration.

**Imari Walker-Franklin** holds a PhD in environmental engineering and is a research scientist at RTI International in North Carolina's Research Triangle Park. Additionally, she is a writer, actor, and director for her science communication YouTube channel, which discusses plastic pollution and its possible solutions. **Jenna Jambeck** is the Georgia Athletic Association Distinguished Professor in Environmental Engineering at the University of Georgia, founder of the Circularity Informatics Lab, co-developer of Marine Debris Tracker, a National Geographic Explorer, and a 2022 MacArthur Fellow.

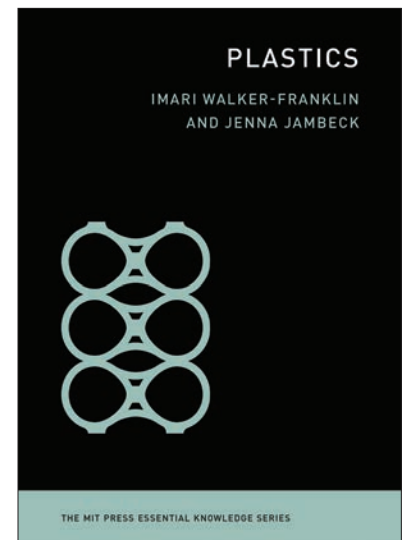
science

August  
5 x 7, 144 pp.  
5 b&w illus.

**US \$16.95T/\$22.99 CAN paperback**

978-0-262-54701-7

The MIT Press Essential Knowledge series





# A History of the Social Sciences in 101 Books

edited by Cyril Lemieux, Laurent Berger,  
Marielle Macé, Gildas Salmon, and Cécile Vidal

translated by Adrian Morfee

**An intellectual history of the social sciences that offers a library of 101 books that broke new ground for the field.**

What are the social sciences? What unifies them? This essay collection seeks to answer these and other important questions as it considers how the field has developed over the years, from post–World War II in France to the present day throughout the world. Edited by Cyril Lemieux, Laurent Berger, Marielle Macé, Gildas Salmon, and Cécile Vidal, *A History of the Social Sciences in 101 Books* brings together a diverse range of researchers in the social sciences to present short essays on 101 books—both renowned and lesser known—that have shaped the field, from Theodor Adorno and Max Horkheimer’s *Dialectic of Enlightenment* (1947) to Michel Aglietta’s *Money: 5000 Years of Debt and Power* (2016).

While there have been surveys and intellectual histories of particular disciplines within the social sciences (history, anthropology, sociology), until now there has been no intellectual history of the social sciences as a unified whole. Far from presenting a fixed and frozen canon, *A History of the Social Sciences in 101 Books* offers instead a moving, multiform landscape with no settled questions, only an ongoing series of new perspectives and challenges to previously established grounding.

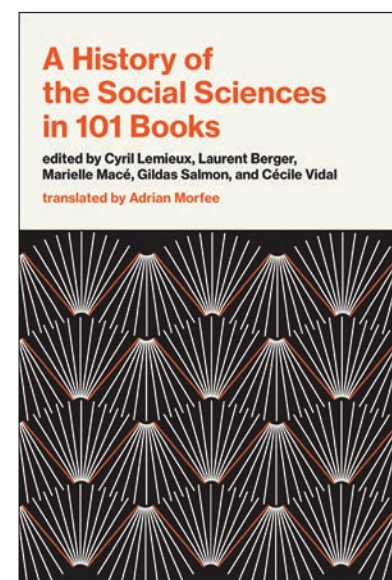
**Cyril Lemieux** is a sociologist and Senior Research Fellow at the School for Advanced Studies in the Social Sciences in Paris.

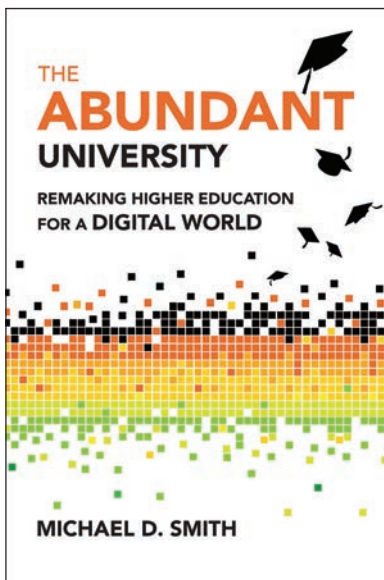
**Laurent Berger** is an anthropologist and Lecturer at the School for Advanced Studies in the Social Sciences. **Marielle Macé** is a specialist in literature, Senior Research Fellow at the French National Center for Scientific Research, and Director of Studies at the School for Advanced Studies in the Social Sciences. **Gildas Salmon** is a philosopher and Lecturer at the French National Center for Scientific Research. **Cécile Vidal** is an anthropologist and Senior Research Fellow at the Institute for Research and Development.

social science

August  
6 x 9, 344 pp.

**US \$35.00X/\$48.00 CAN cloth**  
978-0-262-04808-8





## The Abundant University

Remaking Higher Education for a Digital World

Michael D. Smith

**Why our current system of higher education is financially and morally unsustainable, and how to address the crisis with the creative implementation of digital technologies.**

For too long, our system of higher education has been defined by scarcity: scarcity in enrollment, scarcity in instruction, and scarcity in credentials. In addition to failing students professionally, we have seen how this system has exacerbated social injustice and socioeconomic stratification across the globe. In *The Abundant University*, Michael Smith argues that the only way to create a financially and morally sustainable higher education system is by embracing digital technologies for enrolling, instructing, and credentialing students—the same technologies that we have seen create abundance in access to resources in industry after industry.

*The Abundant University* explains how we got our current system, why it's such an expensive, inefficient mess, and how a system based on exclusivity necessarily cannot foster inclusivity. Further, Smith challenges the resistance to digital technologies that we have already seen among numerous institutions, citing the examples of faculty resistance toward digital learning platforms. While acknowledging the understandable self-preservation instinct for our current system of residential education, Smith makes a case for how technology can engender greater educational opportunity and create changes that will benefit students, employers, and society as a whole.

**Michael D. Smith** is J. Erik Jonsson Professor of Information Technology and Marketing at Carnegie Mellon University's Heinz College of Public Policy and Management. Smith is coauthor of the book *Streaming, Sharing, Stealing: Big Data and the Future of Entertainment* (MIT Press).

education

September  
5 1/4 x 8, 296 pp.  
4 figures

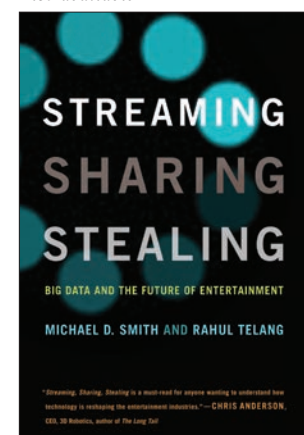
**US \$30.00X/\$41.00 CAN cloth**  
**978-0-262-04855-2**

"All I can say is that Michael gets it! This book is a must read for anyone interested in creating a more inclusive and sustainable future for higher education. His insights are important for every upcoming higher education leader to understand." —**Maria Anguiano, Executive Vice President, Arizona State University**

"This thought-provoking book tackles the potential changes to higher education arising from the progress of digital technologies. From admission to graduation, Smith sets the stage for intense debates—not just about future directions, but about current conditions."

—**Joshua Gans, Professor of Strategic Management at the University of Toronto; author of *The Disruption Dilemma***

*Also available*



978-0-262-53452-9



# The Unnaming of Kroeber Hall

Language, Memory, and Indigenous California

Andrew Garrett

**A critical examination of the complex legacies of early Californian anthropology and linguistics for twenty-first-century communities.**

In January 2021, at a time when many institutions were reevaluating fraught histories, the University of California removed anthropologist and linguist Alfred Kroeber's name from a building on its Berkeley campus. Critics accused Kroeber of racist and dehumanizing practices that harmed Indigenous people; university leaders repudiated his values. In *The Unnaming of Kroeber Hall*, Andrew Garrett examines Kroeber's work in the early twentieth century and his legacy today, asking how a vigorous opponent of racism and advocate for Indigenous rights in his own era became a symbol of his university's failed relationships with Native communities. Garrett argues that Kroeber's most important work has been overlooked: his collaborations with Indigenous people throughout California to record their languages and stories.

*The Unnaming of Kroeber Hall* offers new perspectives on the early practice of anthropology and linguistics and on its significance today and in the future. Kroeber's documentation was broader and more collaborative and multifaceted than is usually recognized. As a result, the records Indigenous people created while working with him are relevant throughout California as communities revive languages, names, songs, and stories. Garrett asks readers to consider these legacies, arguing that the University of California chose to reject critical self-examination when it unnamed Kroeber Hall.

**Andrew Garrett** is the Nadine M. Tang and Bruce L. Smith Professor in the Department of Linguistics and Director of the California Language Archive at the University of California, Berkeley. Since 2001, he has collaborated with the Yurok Tribe on the documentation and revitalization of the Yurok language.

linguistics | anthropology

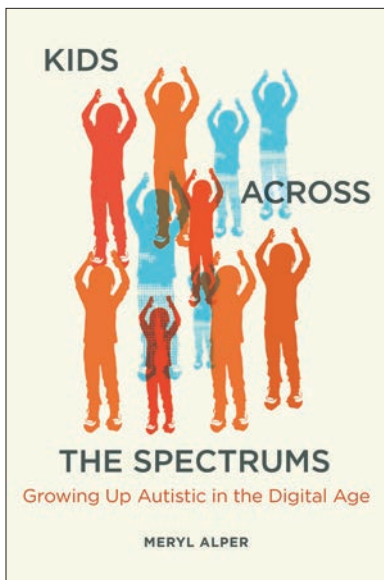
December

6 x 9, 416 pp.

11 color illus., 71 b&w illus.

**US \$55.00X/\$73.00 CAN paperback**

978-0-262-54709-3



## Kids Across the Spectrums

Growing Up Autistic in the Digital Age

Meryl Alper

**An ethnographic study of diverse children on the autism spectrum and the role of media and technology in their everyday lives.**

In spite of widespread assumptions that young people on the autism spectrum have a “natural” attraction to technology—a premise that leads to significant speculation about how media helps or harms them—relatively little research actually exists about their everyday tech use. In *Kids Across the Spectrums*, Meryl Alper fills this gap with the first book-length ethnography of the digital lives of autistic young people. Based on research with more than sixty neurodivergent children from an array of racial, ethnic, and socioeconomic backgrounds, *Kids Across the Spectrums* delves into three overlapping areas of their media usage: cultural belonging, social relationships, and physical embodiment.

Alper’s work demonstrates that what autistic youth do with technology is not radically different from their nonautistic peers. However, significant social and health inequalities—including limited recreational programs, unsafe neighborhoods, and challenges obtaining appropriate therapeutic services—spill over into their media habits. With an emphasis on what autistic children bring to media as opposed to what they supposedly lack socially, Alper argues that their relationships do not exist outside of how communication technologies affect sociality, nor beyond the boundaries of stigmatization and society writ large. Finally, she offers practical suggestions for the education, healthcare, and technology sectors to promote equity, inclusion, access, and justice for autistic kids at home, at school, and in their communities.

**Meryl Alper** is Associate Professor of Communication Studies at Northeastern University. She is the author of *Digital Youth with Disabilities* and *Giving Voice: Mobile Communication, Disability, and Inequality* (both MIT Press).

psychology

August  
6 x 9, 324 pp.  
5 b&w illus.

**US \$40.00X/\$54.00 CAN paperback**  
978-0-262-54536-5

“Weaving together empathetic research with autistic children with a critique of society’s prejudices and expectations, Alper lays to rest a host of myths, offering instead a deeply humane insight into their digital and not-so-digital lives.”

—**Sonia Livingstone, Professor, Department of Media and Communications, London School of Economics; author of *Parenting for a Digital Future***

“This groundbreaking book cuts through the clichés about kids and ‘screen time’ to reveal how young autistic people use digital media to construct identities and communities in a world built for neurotypicals.”

—**Steve Silberman, author of *NeuroTribes: The Legacy of Autism and the Future of Neurodiversity***

“This deeply humane book presents a vivid account of how autistic children and their families use media to create rich and rewarding social lives. Parents of neurodivergent children will find validation and reassurance in these pages.”

—**Kristen Harrison, Professor of Communication and Media, University of Michigan**

# Categories We Live By

How We Classify Everyone and Everything

Gregory L. Murphy

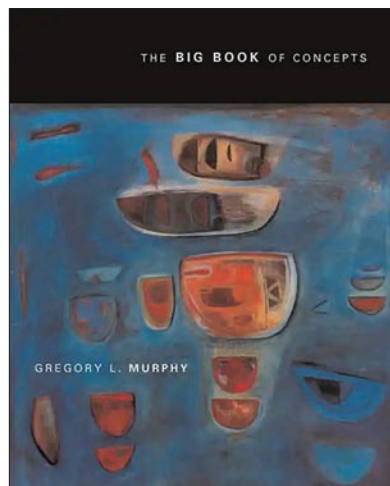
**An in-depth analysis of how humanity's compulsion to categorize affects every aspect of our lived experience.**

The minute we are born—sometimes even before—we are categorized. From there, classifications dog our every step: to school, work, the doctor's office, and even the grave. Despite the vast diversity and individuality in every life, we seek patterns, organization, and control. In *Categories We Live By*, Gregory Murphy considers the categories we create to manage life's sprawling diversity. Analyzing everything from bureaucracy's innumerable categorizations to the minutiae of language, this book reveals how these categories are imposed on us and how that imposition affects our everyday lives.

*Categories We Live By* explores categorization in two parts. In part one, Murphy introduces the groundwork of categories—how they are created by experts, imperfectly captured by language, and employed by rules. Part two provides a number of case studies. Ranging from trivial categories such as parking regulations and peanut butter to critical issues such as race and mortality, Murphy demonstrates how this need to classify pervades everything. Finally, this comprehensive analysis demonstrates ways that we can cope with categorical disagreements and make categories more useful to our society.

**Gregory L. Murphy** is Professor Emeritus of Psychology at New York University. He is the author of *The Big Book of Concepts* (MIT Press) and numerous scientific journal articles.

Also available



978-0-262-63299-7

cognitive science | psychology

December  
6 x 9, 192 pp.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54703-1

# The Hidden Powers of Ritual

The Journey of a Lifetime

Bradd Shore

**An illuminating overview of the development, benefits, and importance of ritual in everyday life, written by a leading cognitive anthropologist.**

*The Hidden Powers of Ritual* is an engaging introduction to ritual studies that presents ritual as an evolved form of human behavior of almost unimaginable significance to our species. Every day across the globe, people gather to share meals, brew caffeinated beverages, or honor their ancestors. In this book, Bradd Shore, a respected anthropologist, reaches beyond familiar “big-R” rituals to present life’s humbler, overshadowed moments, exploring everything from the Balinese Pelebon to baseball to family Zoom sessions in the age of COVID-19 to the sobering reenactment rituals surrounding the Moore’s Ford lynchings. In each ritual, Shore shows how our capacity to ritualize behavior is a remarkable part of the human story.

Encompassing both the commonly unlabeled “interaction rituals” studied by sociologists and the symbolically elaborated sacred rituals of religious studies, Shore organizes his conception around detailed case studies drawn from international research and personal experience, weaving scholarship with a memoir of a life encompassed by ritual. A probing exploration that matches breadth with accessibility, *The Hidden Powers of Ritual* is a provocative contribution to ritual theory that will appeal to a wide range of readers curious about why these unique repetitive acts matter in our lives.

**Bradd Shore** is Goodrich C. White Professor Emeritus of Anthropology at Emory University. A psychological anthropologist specializing in ritual studies, culture, and cognition, he is the author of over seventy papers and six books. He also served as Director of Emory’s Center for Myth and Ritual in American Life for ten years. He was awarded the Society for Psychological Anthropology’s Lifetime Achievement Award in 2019 after having served as its president.

anthropology | cultural studies

December  
6 x 9, 320 pp.  
52 b&w illus.

**US \$45.00X/\$60.00 CAN paperback**  
978-0-262-54658-4

# Emergency Money

Notgeld in the Image Economy of the German Inflation, 1914–1923

Tom Wilkinson

**A landmark art historical study of German Notgeld, the emergency money produced during World War I, and the hyperinflation that followed.**

*Emergency Money* is the first art historical study of Germany's emergency money, Notgeld. Issued during World War I and the tumultuous interwar period, these wildly artful banknotes featured landscapes, folk figures, scenes of violence and humor, and even inflation itself in the form of figures staring into empty purses or animals defecating coins. Until now, art historians have paid Notgeld scant attention, but Wilkinson looks closely at these amusing, often disturbing, artifacts and their grim associations to cast new light on the Weimar Republic's visual culture, as well as the larger relationship between art and money.

As Wilkinson shows, Germany's early twentieth-century economic crisis was also a crisis of culture. Retelling the period's gripping story through thematic investigations into prevalent Notgeld motifs, Wilkinson illuminates how the vexed relationship between aesthetic value and exchange value was an inextricable part of everyday life.

A landmark contribution to our understanding of twentieth-century Germany, *Emergency Money* brings together art, economics, critical theory, and media theory to create a book for our own inflationary moment, as the world's new materialisms confront the specter of this older, more fundamental materialism.

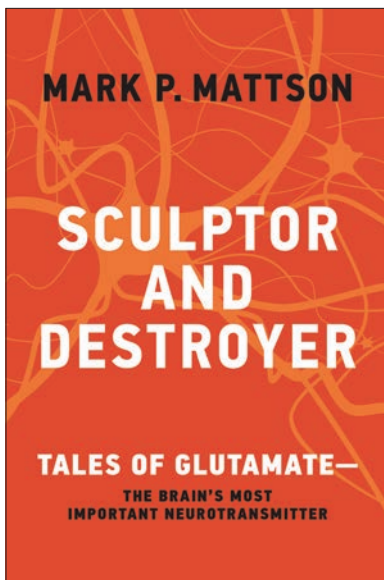
**Tom Wilkinson** is an art historian who specializes in German visual culture and modern architecture. Previously a lecturer at the Courtauld Institute and at Birkbeck, University of London, he is History Editor of the *Architectural Review* and author of *Bricks and Mortals: Ten Great Buildings and the People They Made*.

art | history

January  
6 1/4 x 9 1/2, 240 pp.  
134 color illus., 3 b&w illus.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54680-5



## Sculptor and Destroyer

Tales of Glutamate—the Brain’s Most Important Neurotransmitter

**Mark P. Mattson**

**The fascinating story of glutamate, the neurotransmitter that controls the structure and function of the brain in health and neurological disorders.**

*Sculptor and Destroyer* tells the story of a simple, little-known molecule that became a master architect and commander of the human brain: glutamate. Upward of 90 percent of the neurons in the human brain deploy glutamate as their neurotransmitter. Other neurotransmitters can only exert their effects on brain function by subtly modifying the ongoing activity of glutamatergic neurons, but during brain development glutamate controls the growth of dendrites and the formation of synapses. In this eye-opening book, Mark Mattson explains how the neurotransmitter glutamate controls the structure and function of neuronal networks in the brain, thereby mediating the brain’s capabilities, including learning and memory, creativity, and imagination.

Mattson also delves deeply into the dark side of glutamate, which he calls the “destroyer” side. He shows how relatively subtle aberrancies in the activity of neurons that deploy glutamate may result in behavioral disorders ranging from autism and schizophrenia to chronic anxiety and depression. More dramatically, he describes how glutamate can excite neurons to death, a process that occurs in epilepsy and stroke and, perhaps even more insidiously, in Alzheimer’s disease, Parkinson’s disease, ALS, and Huntington’s disease. *Sculptor and Destroyer* concludes with a perspective on how knowledge of glutamate’s roles in neuroplasticity might be applied to the optimization of brain health throughout our lives.

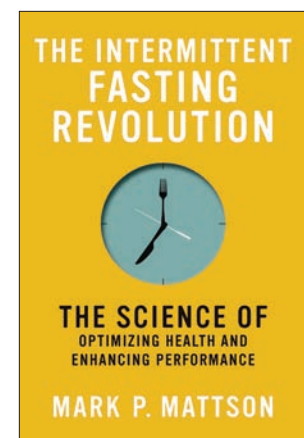
**Mark P. Mattson** is currently Adjunct Professor of Neuroscience at Johns Hopkins University and was previously Chief of the Laboratory of Neurosciences at the National Institute on Aging in Baltimore. He is a Fellow of the American Association for the Advancement of Science, and has received many awards including the Metropolitan Life Foundation Medical Research Award and the Alzheimer’s Association Zenith Fellows Award. He is the author of *The Intermittent Fasting Revolution: The Science of Optimizing Health and Enhancing Performance* (MIT Press).

neuroscience

August  
6 x 9, 312 pp.  
30 b&w illus.

**US \$35.00X/\$48.00 CAN paperback**  
978-0-262-04818-7

*Also available*



978-0-262-54598-3

## Lifelines of Our Society

A Global History of Infrastructure

Dirk van Laak

foreword by Paul N. Edwards

translated by Erik Butler

**A comprehensive history and examination of global infrastructures and the outsized role they play in our lives.**

Infrastructure is essential to defining how the public functions, yet there is little public knowledge regarding why and how it became today's strongest global force over government and individual lives. Who should build and maintain infrastructures? How are they to be protected? And why are they all in such bad shape? In *Lifelines of Our Society*, Dirk van Laak offers broad audiences a history of global infrastructures—focused on Western societies, over the past two hundred years—that considers all their many paradoxes. He illustrates three aspects of infrastructure: their development, their influence on nation building and colonialism, and finally, how individuals internalize infrastructure and increasingly become not only its user but regulator.

Beginning with public works, infrastructure in the nineteenth century carried the hope that it would facilitate world peace. Van Laak shows how, instead, it transformed to promote consumerism's individual freedoms and our notions of work, leisure, and fulfillment. *Lifelines of Our Society* reveals how today's infrastructure is both a source and a reflection of concentrated power and economic growth, which takes the form of cities under permanent construction. Symbols of power, van Laak describes, come with vulnerability, and this book illustrates the dual nature of infrastructure's potential to hold nostalgia and inspire fear, to ease movement and govern ideas, and to bring independence to the nuclear family and control governments of the Global South.

**Dirk van Laak** is Professor of History from the 19th to the 21st Century at Leipzig University.

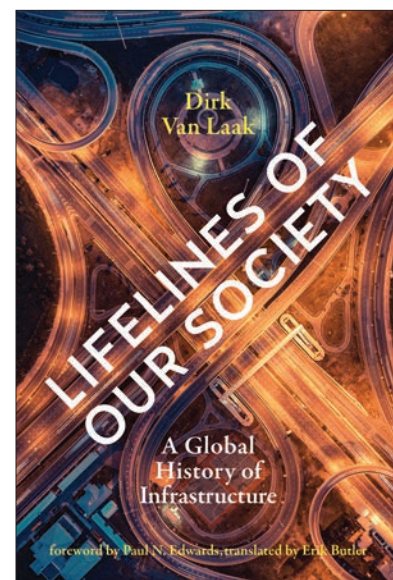
technology | urban studies

August  
6 x 9, 332 pp.  
13 b&w illus.

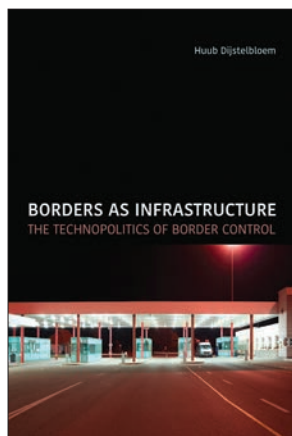
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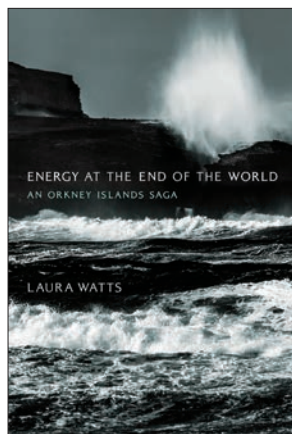
Infrastructures series



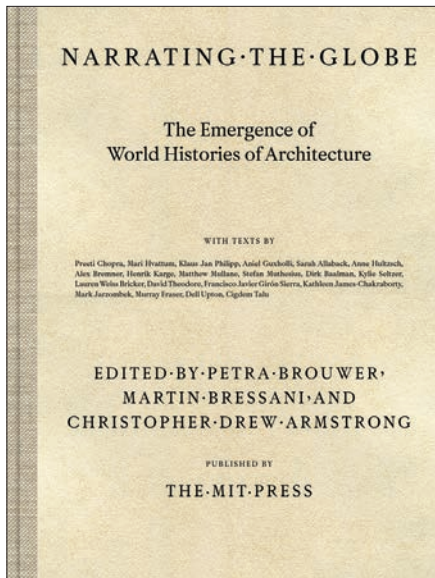
Also available



978-0-262-54288-3



978-0-262-03889-8



## Narrating the Globe

The Emergence of World Histories of Architecture

edited by **Petra Brouwer, Martin Bressani,**  
and **Christopher Drew Armstrong**

**How notions of progress, beauty, and cultural superiority structured the genre of nineteenth-century world histories of architecture—and shaped the discipline as we know it today.**

The nineteenth century saw the emergence of a new genre of architectural writing: the grand history of world architecture. This genre often expressed a deeply Eurocentric worldview, largely dismissing non-Western architecture through narratives of historical progress and stylistic beauty. Yet even as nineteenth-century historians worked to construct an exclusive architectural canon, they were engaged in constant debate over its categories and constraints. *Narrating the Globe* traces the emergence of this historical canon, exposing the questions and problems that prompted the canon's very formation.

Bringing together architectural historians from around the world, this collection of essays—the first comprehensive examination of the nineteenth-century architectural history survey as a literary genre—includes overviews of the origins and legacy of the global architecture survey genre, as well as close examinations of key works, including books by lesser-known but intriguing authors such as Louisa C. Tuthill, Christian L. Stieglitz, and Daniel Ramée, and the more famous surveys by James Fergusson, Franz Kugler, Banister Fletcher, and Auguste Choisy. *Narrating the Globe* is an illuminating read for anyone interested in architectural history's long, complex, and often tendentious trajectory.

**Petra Brouwer** is an architectural historian at the University of Amsterdam who specializes in the history of modern architecture and town planning. Author of an award-winning study of postwar design of Dutch new towns, she has also served as editor-in-chief for the journal *Architectural Histories*. **Martin Bressani** is William C. Macdonald Professor at McGill University's Peter Guo-hua Fu School of Architecture in Montréal. Coeditor of the Nineteenth-Century Architecture volume of *The Companions to the History of Architecture*, he is also the author of *Architecture and the Historical Imagination: Eugène-Emmanuel Viollet-le-Duc*. **Christopher Drew Armstrong** is an associate professor at the University of Pittsburgh, where he directs the Architectural Studies program. His many publications include the book *Julien-David Leroy and the Making of Architectural History*.

architecture

September  
9 x 11 3/4, 564 pp.  
120 color illus.,

**US \$60.00/\$79.00 CAN cloth**

978-0-262-04797-5



# The City in the City

Architecture and Change  
in London's Financial District

Amy Thomas

**An exploration of the dramatic transformation of London's financial district after 1945, viewed at four spatial scales: city, street, facade, interior.**

In *The City in the City*, Amy Thomas offers the first in-depth architectural and urban history of London's financial district, the City of London, from the period of rebuilding after World War II to the explosive climax of financial deregulation in the 1980s and its long aftermath. Thomas examines abstract financial ideas, political ideology, and invisible markets as concrete realities; working on four spatial scales—city, street, facade, and interior—the book explores the grand plans, hidden alleys, neo-Georgian elevations, and sweaty dealing floors that have made the financial center work.

Moving from politics to sociology, institutions to bodies, development plans to office desks, Thomas unravels the rich entanglements between the structure of the UK's financial system and the structure of the environment in which it operates. Despite its physical and political centrality, this period of the City's architectural history occupies an academic lacuna. Longstanding prejudices about developer-led architecture and the real estate industry have obscured the postwar City's relevance. The book shows how, as currents of local government reform, nation-building, and globalization swept across Britain, the City became an ideological battleground for debates between politicians and financial institutions, real estate developers and architects, preservationists and so-called "proactive" planners throughout the latter half of the century.

The City of London is a place steeped in rich cultural and architectural heritage of immense national significance, yet it is also a highly privileged citadel at the core of global financial networks. *The City in the City* is both a critique and a celebration of this unique and complex place.

**Amy Thomas** is Assistant Professor of Architectural History at Delft University of Technology. She has published articles in *The Journal of Architecture*, *Grey Room*, *Architectural Theory Review*, and *ARCH+*.

architecture

December

6 1/4 x 9 1/2, 304 pp.

163 b&w illus.

**US \$30.00X/\$41.00 CAN cloth**

978-0-262-04841-5



## The Stuff Games Are Made Of

Pippin Barr

**A deep dive into practical game design through playful philosophy and philosophical play.**

What are video games made of? And what can that tell us about what they mean? In *The Stuff Games Are Made Of*, experimental game maker Pippin Barr explores the materials of video game design. Taking the reader on a deep dive into eight case studies of his own games, Barr illuminates the complex nature of video games and video game design and the possibilities both offer for exploring ideas big and small.

Through a variety of engaging and approachable examples, Barr shows how every single aspect of a game—whether it is code, graphics, interface, or even time itself—can be designed with and related to the player experience. Barr’s experimental approach, with its emphasis on highly specific elements of games, will leave readers armed with intriguing design philosophy, conceptual rigor, and diverse insights into the inner life of video games. Upon finishing this book, readers will be ready to think deeply about the nature of games, to dive into expressive and experimental game design themselves, or simply to play with a new and expanded mindset.

**Pippin Barr** is Associate Professor of Computation Arts at Concordia University. Barr has collaborated with artists including Marina Abramović and @seinfeld2000 and produced games about everything from airplane safety instructions to chess to parenting. He is the author of *How to Play a Video Game* and cohost of the podcast *GAMETHING*.

game studies

August

5 1/4 x 8, 192 pp.

52 b&w illus.

**US \$30.00X/\$41.00 CAN paperback**

978-0-262-54611-9

Playful Thinking series

“If you love Pippin Barr’s weird, delightful games as much as I do, imagine picking them up, like rocks in a garden, and discovering whole ecosystems of bugs and aliens had been living underneath. Reading this book is picking up those rocks.”

—**Ian Bogost, author of *Play Anything, How to Talk About Videogames, and more***

# The Promise and Peril of Entrepreneurship

Job Creation and Survival among US Startups

Robert W. Fairlie, Zachary Kroff, Javier Miranda, and Nikolas Zolas

**A clearer view of entrepreneurship, based on new comprehensive data, that upends what we know about job creation and survival among US startups.**

Startups create jobs and power economic growth. That's an article of faith in the United States—but, as *The Promise and Peril of Entrepreneurship* reveals, our faith may be built on shaky ground. Economists Robert Fairlie, Zachary Kroff, Javier Miranda, and Nikolas Zolas—working with Census Bureau microdata—have developed a new data set, the Comprehensive Startup Panel, that tracks job creation and the survival of every startup in the country. In doing so, they recalibrate our understanding of how startups behave in the US economy. Specifically, their work seeks to answer three critical questions: How many jobs does each entrepreneur create? Do those jobs disappear quickly? And how long do entrepreneurial enterprises survive?

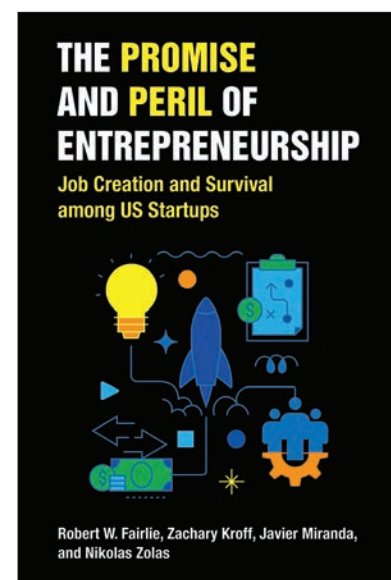
Job creation and survival rates are, the authors conclude, much lower than those reported by official federal sources. Such discrepancies emerge from the more comprehensive picture drawn from this new data set—a picture that, for instance, highlights the important but understudied differences between employer firms (startups that hire people) and nonemployer firms (startups that do not initially hire people but may do so in later years as they grow). This reframing captures the vast number of businesses that start with no employees, a number largely missing from the statistics underpinning the mythos of the riskiness of entrepreneurship.

**Robert Fairlie** is Chair of Public Policy at UCLA Luskin. **Zachary Kroff** is an economist with the Center for Economic Studies at the US Census Bureau. **Javier Miranda** is Deputy Head of the Department of Structural Change and Productivity at the Halle Institute for Economic Research in Germany. He is also Associate Professor in Microeconomics, Productivity Research, at Friedrich Schiller University Jena. **Nikolas Zolas** is Senior Economist with the Center for Economic Studies at the US Census Bureau.

business

August  
6 x 9, 232 pp.  
40 b&w illus.

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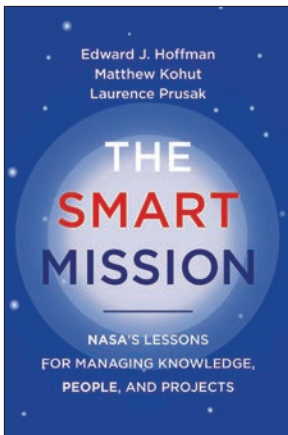
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## The Work of the Future

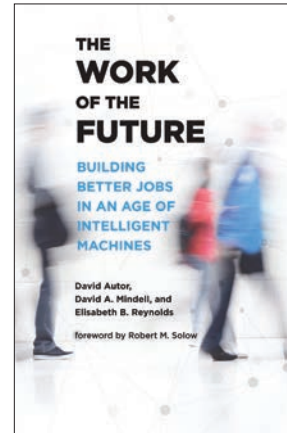
Building Better Jobs in an Age of Intelligent Machines

**David Autor, David A. Mindell, and Elisabeth B. Reynolds**

foreword by Robert M. Solow

**Why the United States lags behind other industrialized countries in sharing the benefits of innovation with workers and how we can remedy the problem.**

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*The Work of the Future* shows that technology is neither the problem nor the solution. We can build better jobs if we

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**David Autor** is Ford Professor of Economics and Margaret MacVicar Faculty Fellow at MIT. Autor is founder and CEO of Humatics Corporation.

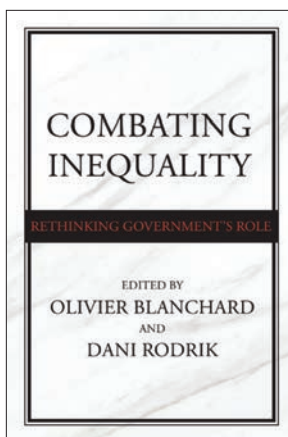
**David A. Mindell** is Professor of Aeronautics and Astronautics and Dibrer Professor of the History of Engineering and Manufacturing at MIT and founder and CEO of Humatics Corporation. Mindell and David Autor were Coauthors of the MIT Task Force on the Work of the Future. **Elisabeth B. Reynolds** is Special Assistant to the President for Manufacturing and Economic Development on the National Economic Council and was Executive Director of the MIT Task Force on the Work of the Future.

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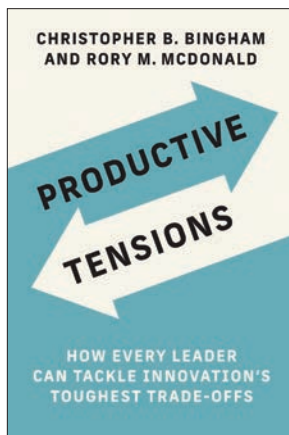
at MIT. He was Chief Economist at the International Monetary Fund from 2008 to 2015. **Dani Rodrik** is Ford Foundation Professor of International Political Economy at Harvard's John F. Kennedy School of Government.

economics

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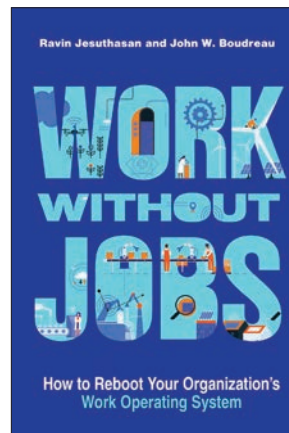
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**Ravin Jesuthasan** is Senior Partner and Global Leader for Transformation Services at Mercer. He is a member of the World Economic Forum's steering committee on work and employment.

**John W. Boudreau** is Emeritus Professor of Management and Organization at the University of Southern California's Marshall School of Business. Together

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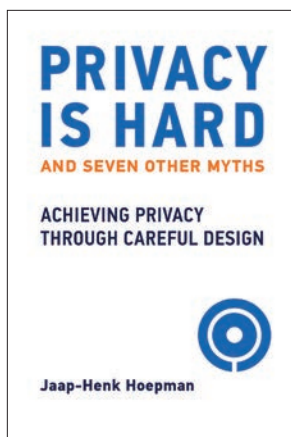
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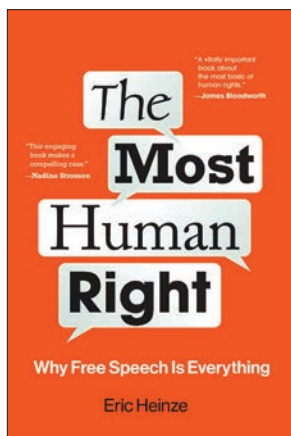
**Jaap-Henk Hoepman** is Associate Professor at the Institute for Computing and Information Sciences of the Radboud University Nijmegen and Associate Professor in the IT Law section of the Transboundary Legal Studies Department of the Faculty of Law at the University of Groningen.

technology

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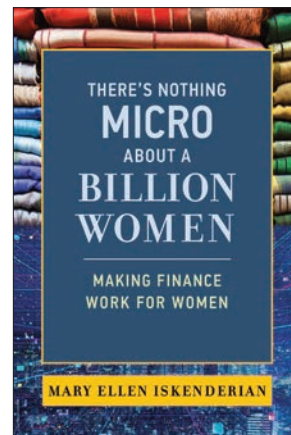
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“A comprehensive look at how to bring more women into the global financial system... The book’s holistic approach to financial inclusion—addressing insurance along with the ability to save and borrow and drawing connections between financial empowerment and gender-based violence—adds a valuable layer to the discussion and expands on the existing literature... An engaging and wide-ranging look at new developments in banking access.”

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**Mary Ellen Iskenderian** is President and CEO of Women’s World Banking, a global nonprofit devoted to giving more low-income women access to financial tools and resources they need for both security and prosperity.

**Next Big Idea Club nominee**

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Lucy Bernholz is Senior Research Scholar at the Stanford University Center on Philanthropy and Civil Society, where she directs the Digital Civil Society Lab.

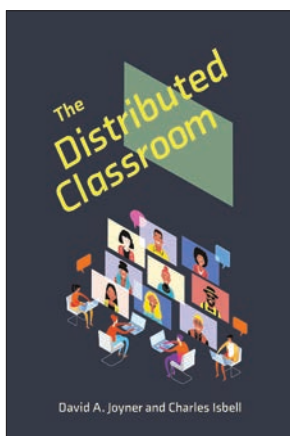
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education

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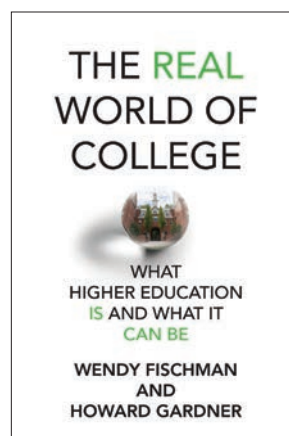
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What Higher Education Is and What It Can Be

Wendy Fischman and Howard Gardner

**Why higher education in the United States has lost its way, and how universities and colleges can focus sharply on their core mission.**

For *The Real World of College*, Wendy Fischman and Howard Gardner analyzed in-depth interviews with more than



2,000 students, alumni, faculty, administrators, parents, trustees, and others, which were conducted at ten institutions ranging from highly selective liberal arts colleges to less selective state schools. What they found challenged characterizations in the media: students are not preoccupied by political correctness, free speech, or even the cost of college. They are most concerned about their GPA and their resumes; they see jobs and earning potential

as more important than learning. Many say they face mental health challenges, fear that they don't belong, and feel a deep sense of alienation. Given this daily reality for students, has higher education lost its way? Fischman and Gardner contend that US universities and colleges must focus sharply on their core educational mission.

"This provocative book explores the views of thousands of students and other campus personnel. Finding many students alienated and narrowly focused on grades and resumes, the authors call for a renewed emphasis on the larger intellectual and social purposes of college."

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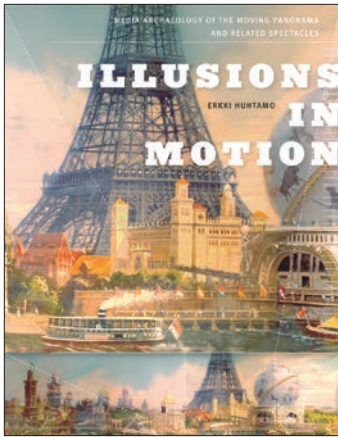
Wendy Fischman is a Project Director at the Harvard Graduate School of Education and lead author of *Making Good: How Young People Cope with Moral Dilemmas at Work*. Howard Gardner is John H. and Elisabeth A. Hobbs Research Professor of Cognition and Education at the Harvard Graduate School of Education and the author of *A Synthesizing Mind: A Memoir from the Creator of Multiple Intelligences Theory* (MIT Press) and many other books.

education

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**Erkki Huhtamo** is Professor in the Department of Design Media Arts at the University of California, Los Angeles. He is the coeditor of *Media Archaeology: Approaches, Applications, and Implications*.

history | media studies

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technology

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## Imaginary Languages

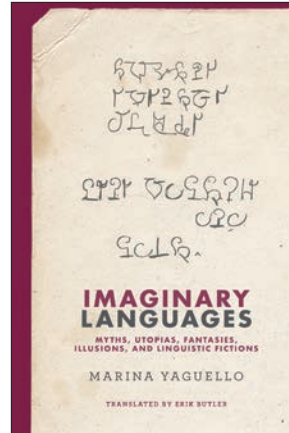
Myths, Utopias, Fantasies, Illusions, and Linguistic Fictions

Marina Yaguello

translated by Erik Butler

**An exploration of the practice of inventing languages, from speaking in tongues to utopian schemes of universality to the discoveries of modern linguistics.**

In *Imaginary Languages*, Marina Yaguello explores the history and practice of inventing languages, from religious speaking



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"Yaguello journeys through some of Western culture's strangest linguistic byways, recounting a fascinating history of how philosophers, mystics, novelists, and mountebanks created imaginary languages in attempts to tame language itself." —**David Adger, Professor of Linguistics, Queen Mary University of London**

**Marina Yaguello** is Professor Emerita of Linguistics at the University of Paris VII.

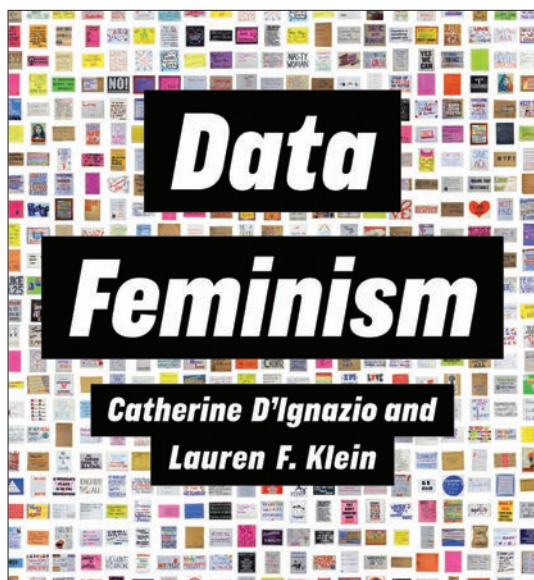
linguistics

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whose interests in mind? The narratives around big data and data science are overwhelmingly white, male, and techno-heroic. In *Data Feminism*, Catherine D'Ignazio and Lauren Klein present a new way of thinking about data science and data ethics—one that is informed by intersectional feminist thought.

**Catherine D'Ignazio** is Associate Professor of Urban Science and Planning and directs the Data + Feminism Lab at MIT. Lauren F. Klein is Winship Distinguished Research Professor of English and Quantitative Theory and Methods at Emory University, where she also directs the Digital Humanities Lab.

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technology | gender studies

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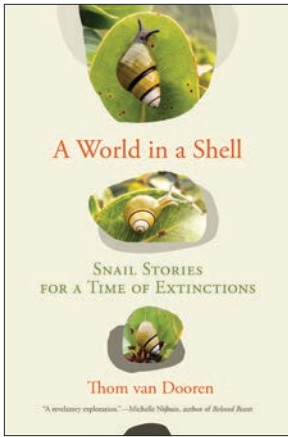
"Without ever finger-wagging, *Data Feminism* reveals inequities and offers a way out of a broken system in which the numbers are allowed to lie." — **WIRED**

"...the authors' demystification of data science and advocacy for data feminism are extremely timely. The book also serves as an important introduction to intersectional feminist practice by providing inspiring examples of marginalised women and communities taking power back by collecting and wielding 'counter-data' to challenge the status quo."

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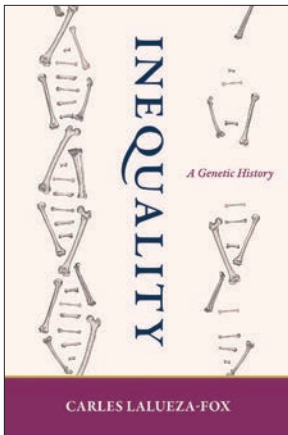
**Thom van Dooren** is a field philosopher at the University of Sydney and the University of Oslo. He is the author of *Flight Ways: Life and Loss at the Edge of Extinction* and *The Wake of Crows: Living and Dying in Shared Worlds*.

nature

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—**Patrick J. Geary, Professor Emeritus, Institute for Advanced Study**

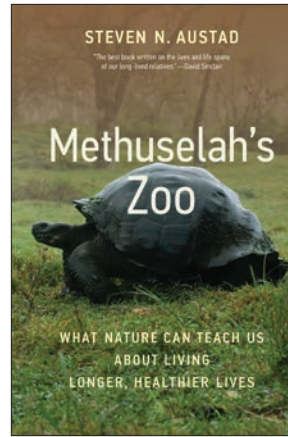
**Carles Lalueza-Fox** is Research Professor and Director of the Paleogenomics Lab at the Institute of Evolutionary Biology (CSIC-Universitat Pompeu Fabra) in Barcelona.

history | science

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**Steven N. Austad** is Distinguished Professor of Biology at the University of Alabama at Birmingham and the inaugural holder of the UAB Protective Life Endowed Chair in Healthy Aging. He is the author of *Why We Age*.

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foreword by Fiona Harrison

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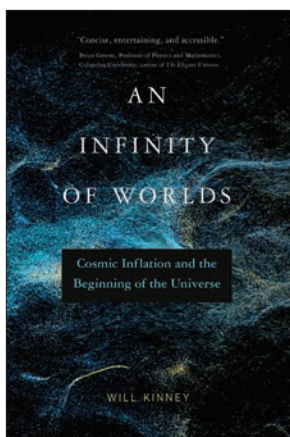
**Julian Raxworthy** is Associate Professor at the University of Canberra and Honorary Principal Fellow at the University of Queensland.

architecture | gardening

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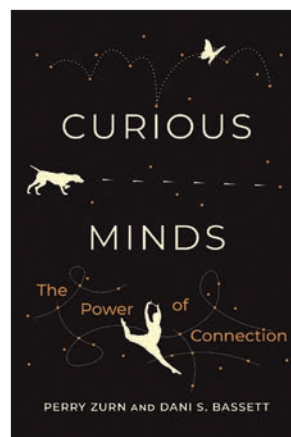
**Will Kinney** is Professor in the Department of Physics at the University at Buffalo, the State University of New York.

science

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—**The Observer (UK)**

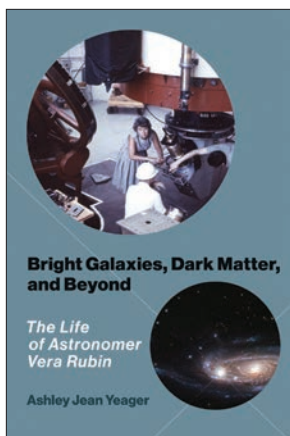
**Perry Zurn** is Associate Professor of Philosophy at American University. He is the author of *Curiosity and Power: The Politics of Inquiry*. **Dani S. Bassett** is J. Peter Skirkanich Professor of Bioengineering at the University of Pennsylvania.

psychology

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## Bright Galaxies, Dark Matter, and Beyond

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**Ashley Jean Yeager** is Associate News Editor at *Science News*. She has written for *Quanta*, *Science News*, *Nature*, *Astronomy*, *Sky & Telescope*, *The Scientist*, and other publications.

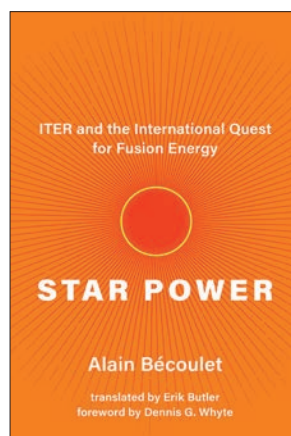
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science | biography

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Alain Bécoulet

foreword by Erik Butler and Dennis G. Whyte

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"This book belongs on the shelf of anyone looking to navigate the rapidly evolving research pushing nuclear fusion onto the grid." —**Anne White, Professor and Head, Nuclear Science and Engineering, SoE Distinguished Professor of Engineering, MIT**

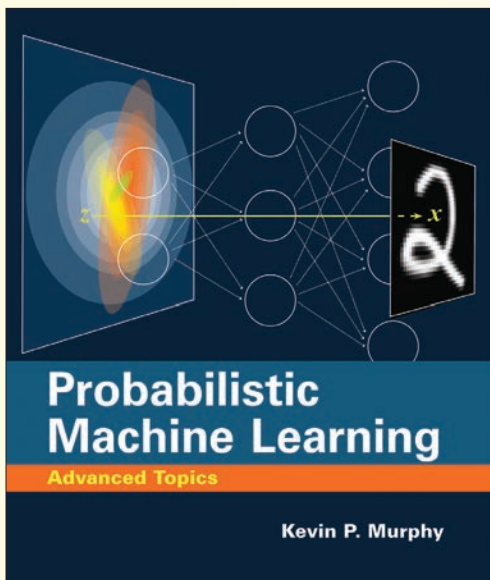
**Alain Bécoulet** is Head of Engineering for ITER, an international nuclear fusion research and engineering demonstration project in France.

science

September | 5 1/4 x 8, 216 pp. | 10 b&w illus.

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# Probabilistic Machine Learning

Advanced Topics

Kevin P. Murphy

**An advanced book for researchers and graduate students working in machine learning and statistics who want to learn about deep learning, Bayesian inference, generative models, and decision making under uncertainty.**

An advanced counterpart to *Probabilistic Machine Learning: An Introduction*, this high-level textbook provides researchers and graduate students detailed coverage of cutting-edge topics in machine learning, including deep generative

modeling, graphical models, Bayesian inference, reinforcement learning, and causality. This volume puts deep learning into a larger statistical context and unifies approaches based on deep learning with ones based on probabilistic modeling and inference. With contributions from top scientists and domain experts from places such as Google, DeepMind, Amazon, Purdue University, NYU, and the University of Washington, this rigorous book is essential to understanding the vital issues in machine learning.

- **Covers generation of high dimensional outputs, such as images, text, and graphs**
- **Discusses methods for discovering insights about data, based on latent variable models**
- **Considers training and testing under different distributions**
- **Explores how to use probabilistic models and inference for causal inference and decision making**
- **Features online Python code accompaniment**

**Kevin P. Murphy** is a research scientist at Google in Mountain View, California, where he works on artificial intelligence, machine learning, and Bayesian modeling.

computer science

August  
8 x 9, 1360 pp.  
350 color illus.

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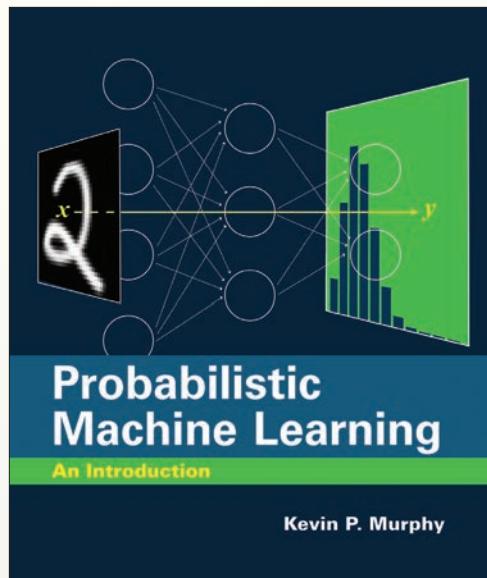
Adaptive Computation and Machine Learning series

“Kevin Murphy has already greatly benefited the machine learning community with his introductory book, and I am delighted to see the depth and breadth of material in his sequel on advanced topics.”

**—Yoshua Bengio, Professor of Computer Science and Operational Research, University of Montreal**

“This book distills the literature on machine learning and neural networks into a wonderful resource for both new students and seasoned researchers. The chapter on generative models is a masterpiece.”

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**era. The first of two volumes, *Probabilistic Machine Learning: An Introduction*, makes machine learning accessible for advanced undergraduate courses. Its advanced counterpart, *Probabilistic Machine Learning: Advanced Topics*, offers researchers and graduate students an encyclopedic deep dive on essential topics and cutting-edge research in machine learning.**

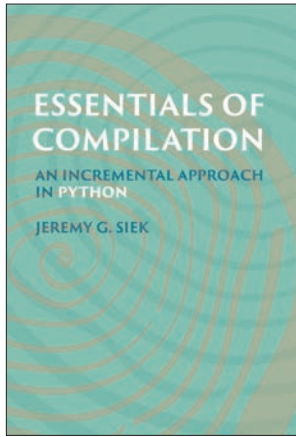
## Essentials of Compilation

An Incremental Approach in Python

Jeremy G. Siek

**A hands-on approach to understanding and building compilers using the programming language Python.**

Compilers are notoriously difficult programs to teach and understand. Most books about compilers dedicate one



chapter to each progressive stage, a structure that hides how language features motivate design choices. By contrast, this innovative textbook provides an incremental approach that allows students to write every single line of code themselves.

Jeremy Siek guides the reader in constructing their own compiler in the powerful object-oriented programming language Python, adding complex language features as the book progresses.

*Essentials of Compilation* explains

the essential concepts, algorithms, and data structures that underlie modern compilers and lays the groundwork for future study of advanced topics. Already in wide use by students and professionals alike, this rigorous but accessible book invites readers to learn by doing.

- **Deconstructs the challenge of compiler construction into bite-sized pieces**
- **Enhances learning by connecting language features to compiler design choices**
- **Develops understanding of how programs are mapped onto computer hardware**
- **Classroom-tested, hands-on approach suitable for students and professionals**
- **Extensive ancillary resources include source code and solutions**

"A fantastic hands-on introduction to compiler construction. Its incremental approach and use of Python make it very motivating. Just the book I've been waiting for when teaching undergrads and practitioners."

—**Carl Friedrich Bolz-Tereick, Researcher, Heinrich-Heine-Universität Düsseldorf**

**Jeremy G. Siek** is Professor of Computer Science at Indiana University and author of *The Boost Graph Library*. He invented gradual typing, a type system that integrates both dynamic and static typing in the same programming language.

computer science

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## Fairness and Machine Learning

Limitations and Opportunities

Solon Barocas, Moritz Hardt, and Arvind Narayanan

**An introduction to the intellectual foundations and practical utility of the recent work on fairness and machine learning.**

*Fairness and Machine Learning* introduces advanced undergraduate and graduate students to the intellectual foundations of this recently emergent field, drawing on a diverse range of disciplinary perspectives to identify the opportunities and hazards of automated decision-making. It surveys the risks in many applications of machine learning and provides a review of an emerging set of proposed solutions, showing how even well-intentioned applications may give rise to objectionable results. It covers the statistical and causal measures used to evaluate the fairness of machine learning models as well as the procedural and substantive aspects of decision-making that are core to debates about fairness, including a review of legal and philosophical perspectives on discrimination. This incisive textbook prepares students of machine learning to do quantitative work on fairness while reflecting critically on its foundations and its practical utility.

- **Introduces the technical and normative foundations of fairness in automated decision-making**
- **Covers the formal and computational methods for characterizing and addressing problems**
- **Provides a critical assessment of their intellectual foundations and practical utility**
- **Features rich pedagogy and extensive instructor resources**

**Solon Barocas** is a Principal Researcher in the New York City lab of Microsoft Research, where he is a member of the Fairness, Accountability, Transparency, and Ethics in AI (FATE) research group. He is Adjunct Assistant Professor in the Department of Information Science at Cornell University and Faculty Associate at the Berkman Klein Center for Internet & Society at Harvard University.

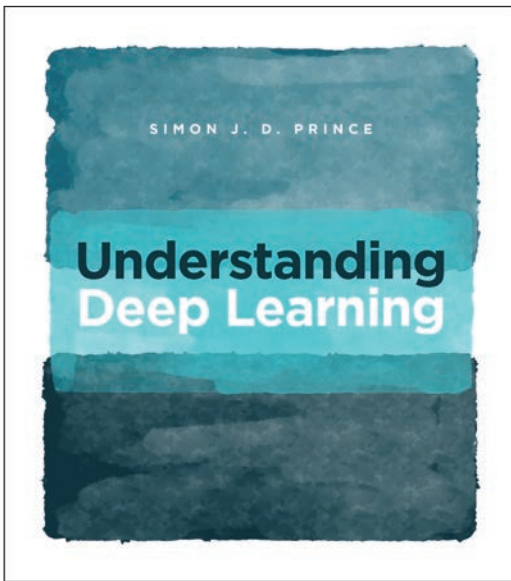
**Moritz Hardt** is Director of Social Foundations of Computation at the Max Planck Institute for Intelligent Systems and coauthor of *Patterns, Predictions, and Actions: Foundations of Machine Learning*. **Arvind Narayanan** is Professor of Computer Science at Princeton University and Director of the Center for Information Technology Policy. His work was among the first to show how machine learning reflects cultural stereotypes, and he led the Princeton Web Transparency and Accountability Project to uncover how companies collect and use our personal information.

computer science

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# Understanding Deep Learning

Simon J. D. Prince

**An authoritative, accessible, and up-to-date treatment of deep learning that strikes a pragmatic middle ground between theory and practice.**

Deep learning is a fast-moving field with sweeping relevance in today's increasingly digital world. *Understanding Deep Learning* provides an authoritative, accessible, and up-to-date treatment of the subject, covering all the key topics along with recent advances and cutting-edge concepts. Many deep learning

texts are crowded with technical details that obscure fundamentals, but Simon Prince ruthlessly curates only the most important ideas to provide a high density of critical information in an intuitive and digestible form. From machine learning basics to advanced models, each concept is presented in lay terms and then detailed precisely in mathematical form and illustrated visually. The result is a lucid, self-contained textbook suitable for anyone with a basic background in applied mathematics.

**Simon J. D. Prince** is Honorary Professor of Computer Science at the University of Bath and author of *Computer Vision: Models, Learning and Inference*. A research scientist specializing in artificial intelligence and deep learning, he has led teams of research scientists in academia and industry at Anthropic Technologies Ltd, Borealis AI, and elsewhere.

computer science

December  
8 x 9, 496 pp.  
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- **Up-to-date treatment of deep learning covers cutting-edge topics not found in existing texts, such as transformers and diffusion models**
- **Short, focused chapters progress in complexity, easing students into difficult concepts**
- **Pragmatic approach straddling theory and practice gives readers the level of detail required to implement naive versions of models**
- **Streamlined presentation separates critical ideas from background context and extraneous detail**
- **Minimal mathematical prerequisites, extensive illustrations, and practice problems make challenging material widely accessible**
- **Programming exercises offered in accompanying Python Notebooks**

## Automata Theory

An Algorithmic Approach

Javier Esparza and Michael Blondin

**A comprehensive introduction to automata theory that uses the novel approach of viewing automata as data structures.**

This textbook presents automata theory from a fresh viewpoint inspired by its main modern application, program verification, where automata are viewed as data structures for the algorithmic manipulation of sets and relations. This novel “automata as data structures” paradigm makes holistic connections between automata theory and other areas of computer science not covered in traditional texts, linking the study of algorithms and data structures with that of the theory of formal languages and computability. Javier Esparza and Michael Blondin provide incisive overviews of core concepts along with illustrated examples and exercises that facilitate quick comprehension of rigorous material.

- **Uses novel “automata as data structures” approach**
- **Algorithm approach ideal for programmers looking to broaden their skill set and researchers in automata theory and formal verification**
- **The first introduction to automata on infinite words that does not assume prior knowledge of finite automata**
- **Suitable for both undergraduate and graduate students**
- **Thorough, engaging presentation of concepts balances description, examples, and theoretical results**
- **Extensive illustrations, exercises, and solutions deepen comprehension**

**Javier Esparza** is Professor and Chair of Foundations of Software Reliability and Theoretical Computer Science at the Technical University of Munich and coauthor of *Free Choice Petri Nets* and *Unfoldings: A Partial-Order Approach to Model Checking*. **Michael Blondin** is Associate Professor of Computer Science at the Université de Sherbrooke.

computer science

October | 7 x 9, 640 pp. | 134 b&w illus.

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978-0-262-04863-7

## Causal Analysis

Impact Evaluation and Causal Machine Learning with Applications in R

Martin Huber

**A comprehensive and cutting-edge introduction to quantitative methods of causal analysis, including new trends in machine learning.**

Reasoning about cause and effect—the consequence of doing one thing versus another—is an integral part of our lives as human beings. In an increasingly digital and data-driven economy, the importance of sophisticated causal analysis only deepens. Presenting the most important quantitative methods for evaluating causal effects, this textbook provides graduate students and researchers with a clear and comprehensive introduction to the causal analysis of empirical data. Martin Huber’s accessible

approach highlights the intuition and motivation behind various methods while also providing formal discussions of key concepts using statistical notation. *Causal Analysis* covers several methodological developments not covered in other texts, including new trends in machine learning, the evaluation of interaction or interference effects, and recent research designs such as bunching or kink designs.

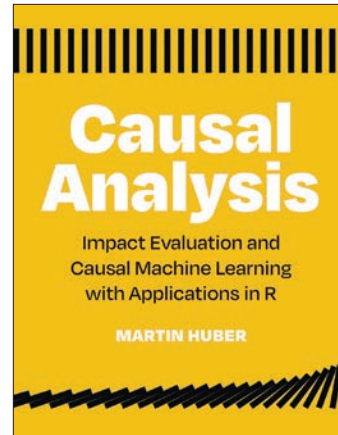
- **Most complete and cutting-edge introduction to causal analysis, including causal machine learning**
- **Clean presentation of rigorous material avoids extraneous detail and emphasizes conceptual analogies over statistical notation**
- **Supplies a range of applications and practical examples using R**

**Martin Huber** is Professor of Applied Econometrics at the University of Fribourg, Switzerland, where his research comprises both methodological and applied contributions in the fields of causal analysis and policy evaluation, machine learning, statistics, econometrics, and empirical economics.

economics

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978-0-262-54591-4





# Computability and Complexity

Hubie Chen

**A clear, comprehensive, and rigorous introduction to the theory of computation.**

What is computable? What leads to efficiency in computation? *Computability and Complexity* offers a clear, comprehensive, and rigorous introduction to the mathematical study of the capabilities and limitations of computation. Hubie Chen covers the core notions, techniques, methods, and questions of the theory of computation before turning to several advanced topics. Emphasizing intuitive learning and conceptual discussion, this textbook's accessible approach offers a robust foundation for understanding both the reach and restrictions of algorithms and computers.

"A beautifully comprehensive introduction to automata, computability, and complexity theory, including parameterized complexity—all presented with a high level of mathematical rigor."

—**Ryan Williams, Professor of Electrical Engineering and Computer Science, MIT**

"This book excels in both content and presentation. Computability and complexity are vast areas. Hubie Chen's book covers them well, introduces them nicely, and discusses the landmark theorems very carefully. The definitions are clear and well-motivated, while the results and full formal proofs are illustrated by well-chosen examples. Students, instructors, and computer scientists will surely love this fascinating book."

—**Georg Gottlob, Professor of Informatics at Oxford University**

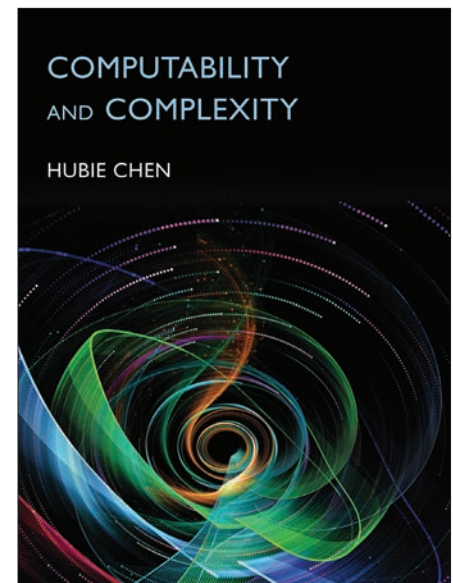
- **Extensive exercises and diagrams enhance streamlined, student-friendly presentation of mathematically rigorous material**
- **Includes thorough treatment of automata theory, computability theory, and complexity theory—including the P versus NP question and the theory of NP-completeness**
- **Suitable for undergraduate and graduate students, researchers, and professionals**

**Hubie Chen** is an academic at King's College London. He has held invited positions at École polytechnique, Humboldt-Universität zu Berlin, and Universität Wien.

computer science

August  
7 x 9, 416 pp.  
76 b&w illus.

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## Mind Design III

Philosophy, Psychology, and Artificial Intelligence

edited by John Haugeland, Carl F. Craver,  
and Colin Klein

**The essential reader on the philosophical foundations and implications of artificial intelligence, now comprehensively updated for the twenty-first century.**

In the quarter century since the publication of John Haugeland's *Mind Design II*, computer scientists have hit many of their objectives for successful artificial intelligence. Computers beat chess grandmasters, driverless cars navigate streets, autonomous robots vacuum our homes, and ChatGPT answers existential queries in iambic pentameter on command. Engineering has made incredible strides. But have we made progress in understanding and building minds? Comprehensively updated by Carl Craver and Colin Klein to reflect the astonishing ubiquity of machine learning in modern life, *Mind Design III* offers an essential collection of classic and contemporary essays on the philosophical foundations and implications of artificial intelligence. Contributions from a diverse range of philosophers and computer scientists address the nature of computation, the nature of thought, and the question of whether computers can be made to think. With extensive new material reflecting the explosive growth and diversification of AI approaches, this classic reader equips students to assess the possibility of, and progress toward, building minds out of computers.

### New edition highlights:

- **New chapters on advances in deep neural networks, reinforcement learning, and causal learning**
- **New material on the complementary intersection of neuroscience and AI**
- **Organized thematically rather than chronologically**
- **Brand new introductions to each section that include suggestions for coursework and further reading**

The late **John Haugeland** was the David B. and Clara E. Stern Professor Emeritus in Philosophy at the University of Chicago. He was Chair of the Philosophy Department from 2004–2007 and was the editor of two editions of *Mind Design: Philosophy, Psychology, and Artificial Intelligence*. **Carl F. Craver** is Professor of Philosophy and Philosophy-Neuroscience-Psychology at Washington University in St. Louis, author of *Explaining the Brain: Mechanisms and the Mosaic Unity of Neuroscience*, and coauthor of *In Search of Mechanisms: Discoveries across the Life Sciences*. **Colin Klein** is Professor of Philosophy at the Australian National University and author of *What the Body Commands: The Imperative Theory of Pain* (MIT Press).

philosophy

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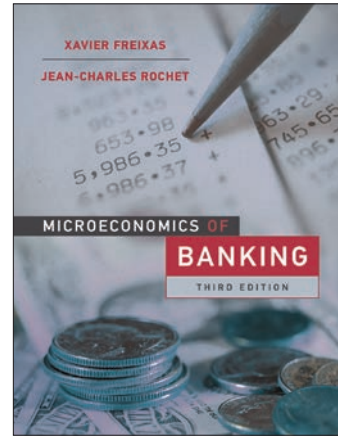
## Microeconomics of Banking

third edition

Xavier Freixas and Jean-Charles Rochet

**The third edition of a leading text on the microeconomic foundations of banking, comprehensively updated with new coverage of the 2008 Global Financial Crisis, fintech, and the latest research in banking theory.**

The banking industry has undergone seismic change in the twenty-first century, from the overhaul of regulation in the wake of the 2008 Global Financial Crisis to the digitalization of the economy and the disruption of traditional business models by ascendant tech giants. Now in a comprehensively updated third edition, this essential graduate-level text on the microeconomic foundations of banking provides the rigorous theoretical approach required to understand these new structures and norms, functioning as a user's guide to recent academic literature. *Microeconomics of Banking* offers a comprehensive view of the evolution of banking theory and the rapidly changing realm of financial intermediation, examining the central issues and offering the necessary tools for understanding how they have been modeled.



### New edition highlights:

- **Up-to-date coverage of the latest research in banking theory as well as the events of the global financial crisis and resultant Basel III regulatory framework**
- **New chapters on liquidity and systemic risk**
- **New material throughout on cryptocurrencies, fintech, and other facets of a digitalized economy**

**Xavier Freixas** is Emeritus Professor at Universitat Pompeu Fabra in Barcelona and Research Fellow at CEPR. **Jean-Charles Rochet** is Professor of Economics at the Toulouse School of Economics.

economics

August | 7 x 9, 228 pp. | 12 b&w illus.

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978-0-262-04819-4

## Our Urban Future

An Active Learning Guide to Sustainable Cities

Emily Talen and Sabina Shaikh

**A practical, comprehensive textbook that uses active learning techniques to teach about the challenges and opportunities associated with urban sustainability.**

While the problem of urban sustainability has long been a subject of great scholarly interest, there has, until now, been no single source providing a multidisciplinary, exhaustive view of how it can be effectively taught. Filling this gap, *Our Urban Future* uses active learning techniques to comprehensively relate the theory of urban sustainability and the what, why, and how of sustainable cities.

This practical, pedagogically rich textbook concisely covers all the key subjects of the field, including ecosystem services and transects, the internal design and patterning of urban elements, how cities mitigate and adapt to climate change, and questions of environmental justice. It functions as both an illuminating roadmap and active reference to which any student of sustainability can turn to find essential resources and perspectives in pursuit of creating sustainable cities.

- **Approachable, discrete exercises introduce students to key sustainability subjects**
- **Learn-by-doing approach encourages critically engaging from multiple angles**
- **Ideal for students across environmental sustainability, urban planning, urban design, urban studies, sociology architecture, landscape architecture, and geography**
- **Robust suite of ancillaries includes links and downloadable data to support activities, and additional readings and resources**

**Emily Talen** is Professor of Urbanism at the University of Chicago, where she teaches urban design and directs the Urbanism Lab, and author of *Neighborhood*, among many other books. She is a Fellow of the American Institute of Certified Planners and the recipient of a Guggenheim Fellowship.

**Sabina Shaikh** is Senior Instructional Professor in the Committee on Environment, Geography and Urbanization at the University of Chicago, where she is the Director of Academic Programs, and conducts research on environment and migration in Southeast Asia. She is the faculty director of Chicago Studies and the co-lead of the Environmental Frontiers Initiative at the Mansueto Institute for Urban Innovation.

urban studies | environment

December | 7 x 10, 176 pp. | 26 color illus., 4 b&w illus.

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978-0-262-54684-3

## The Foundations of Population Genetics

Daniel M. Weinreich

**An accessible but rigorous treatment of the theoretical foundations of population genetics.**

Population genetics—the branch of evolutionary biology concerned with understanding how and why populations’ genetic compositions change over time—rests on a well-developed theoretical foundation that draws on genetics, mathematics, and computer science. This textbook provides an approachable but rigorous treatment for advanced undergraduate and graduate students interested in building a quantitative understanding of the genetics of evolution.

Existing texts either assume very mathematically advanced readers, or avoid much of the underlying theory, instead focusing on current methods of data analysis. In contrast, *The Foundations of Population Genetics* develops the theory from first principles. Requiring only confidence in algebra, this self-contained, student-friendly book illustrates the conceptual framework, terminology, and methods of mathematical modeling. It progressively introduces concepts from genetics as needed, while emphasizing biological implications throughout. As a result, readers come away with a deep understanding of the structure of population genetics without needing to master its mathematics.

- **Connects theory with the most recent genetic data better than existing texts**
- **Features engaging real-world examples and extensive original figures**
- **Provides dozens of carefully scaffolded questions that deepen the reader’s understanding of key concepts**
- **Ideal as a succinct reference for established scientists in biology, medicine, and computer science**
- **Instructor resources available**

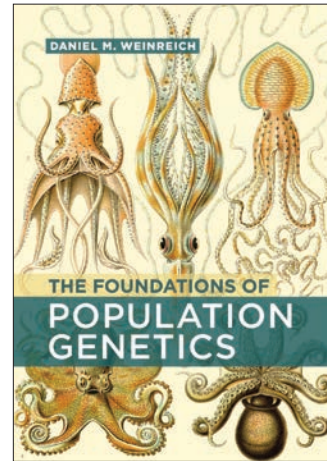
**Daniel M. Weinreich** is Royce Professor of Teaching Excellence in Biology at Brown University.

science | genetics

August | 7 x 10, 256 pp. | 50 color illus.

**US \$50.00X/\$66.00 CAN cloth**

978-0-262-04757-9



# An Introduction to System Safety Engineering

Nancy G. Leveson

**A comprehensive, up-to-date introduction to the foundations of classical safety engineering, with an emphasis on preparing for future challenges.**

Systems today are orders of magnitude more complex than in the past, and their complexity is increasing exponentially. Preventing accidents and losses in such systems requires a holistic perspective that can accommodate unprecedented types of technology and design. This textbook teaches the foundations of classical safety engineering while incorporating the principles of systems thinking and systems theory. Beginning with the framing and lessons of her classic text, *Safeware*, Nancy Leveson builds on established knowledge and brings the field up to date, challenging old approaches and introducing new ones. This essential book provides the core information required to build safety-critical systems today and in the future, including coverage of the historical and legal frameworks in which the field operates as well as discussions of risk, ethics, and policy implications.

- **Presents cutting-edge concepts anticipating the safety challenges of the future alongside thorough treatment of historical practices and ideas**
- **Provides a comprehensive introduction to the foundations of safety engineering**
- **Covers accident analysis, hazard analysis, design for safety, human factors, management, and operations**
- **Incorporates extensive examples of real-world accidents and applications**
- **Ideal for students new to safety engineering as well as professionals looking to keep pace with a rapidly changing field**

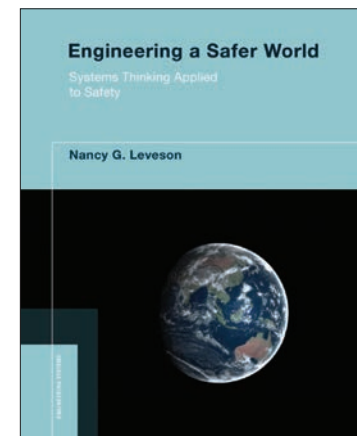
**Nancy G. Leveson** is Professor of Aeronautics and Astronautics and Engineering Systems at MIT and author of *Engineering a Safer World: Systems Thinking Applied to Safety* (MIT Press). A leader in the field of system safety engineering, she has worked in almost every industry to improve analysis, design, management, and operation of safety-critical systems.

engineering

November  
7 x 10, 688 pp.  
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## After Eating

Metabolizing the Arts

Lindsay Kelley

**An exploration of food, ingestion, and digestion in the emerging field of the metabolic arts.**

Food appears everywhere in the arts. But what happens after viewers carry food away in the intestinal networks activated by social practice art, the same way digestion turns food into a body? Exploring the emerging field of metabolic arts, *After Eating* claims digestion and metabolism as key cultural, creative, and political processes that demand attention. Taking an artist-centered approach to nutrition, Lindsay Kelley cultivates a neglected middle ground between the everyday and the scientific, using metabolism as a lens through which to read and write about art.

Divided into two parts and full of playful chapter titles such as “Food Babies” and “Poop Circus,” *After Eating* investigates multiple facets of the sociocultural implications of body image and body process in body art from the 1970s to the present. By engaging the notion of “after” as an artistic homage or tribute, metabolism moves beyond the cell to transform into a method for responding to the most difficult cultural, philosophical, and political challenges of the contemporary moment. Metabolic reading rethinks feminist, queer, bioart, installation, and performance projects, providing artists, students, and teachers new pathways into art theory.

**Lindsay Kelley** is Senior Lecturer at the School of Art and Design, College of Arts and Social Sciences, Australian National University. The recipient of an Australian Research Council Discovery Early Career Researcher Award, she is the author of *Bioart Kitchen: Art, Feminism and Technoscience* and has exhibited and performed internationally.

art

December | 6 x 9, 296 pp. | 21 color illus., 24 b&w illus.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54563-1

A Leonardo Book

## Tactical Publishing

Using Senses, Software, and Archives in the Twenty-First Century

Alessandro Ludovico

foreword by Nick Montfort

**How to level up to the next transformative phase of publishing.**

Publishing is experiencing one of the most transformative phases in its history. In *Tactical Publishing*, a sequel to *Post-Digital Print*, Alessandro Ludovico explores the forces driving this historical phase, highlighting the tremendous opportunities it presents. Our task, he believes, is to develop an alternative publishing system that transcends the dichotomy between paper and digital media. He focuses first on the two activities on which publishing is premised—reading and writing (with an emphasis on writing machines and post-truth in the latter)—and then deconstructs the concept, proposing alternative strategies inspired by recent practices and unconventional uses of technology.

Ludovico shows how the radical and strategic use of print in the past can serve as the basis for our transition to the next phase of publishing. He argues that the new ecology of publishing should be based on three main elements: the stimulation of our senses, the role of software in forming the publishing infrastructure, and the importance of archives. During this transition from the current post-digital phase to the next phase, independent publishers and artists, as well as readers and machines, will enable new structures and actions that realize the potential of publishing and the preservation of content, thereby enriching social practices. The author also considers the crucial social role played by new forms of libraries, as artists and publishers shape the coming publishing world in its various manifestations. Combining analytical accounts of tactical strategies with examples from artworks and experimental practices, the book concludes with a manifesto for publishing in the twenty-first century and an appendix with a selection of one hundred publications representing the “periodic table” of future publishing.

**Alessandro Ludovico** is Associate Professor at the Winchester School of Art, University of Southampton.

media studies

November | 6 x 9, 320 pp. | 52 b&w illus.

**US \$45.00X/\$60.00 CAN paperback**

978-0-262-54205-0

A Leonardo Book

## Picture-Work

How Libraries, Museums, and Stock Agencies Launched a New Image Economy

Diana Kamin

**How the image collection, organized and made available for public consumption, came to define a key feature of contemporary visual culture.**

The origins of today's kaleidoscopic digital visual culture are many. In this book, Diana Kamin traces the sharing of photographs to an image economy developed throughout the twentieth century by major institutions. *Picture-Work* examines how three of these institutions—the New York Public Library, the Museum of Modern Art, and the stock agency H. Armstrong Roberts Inc.—defined the public's understanding of what the photographic image is, while building vast collections with universalizing ambitions. Highlighting underexplored figures, such as the first rights and reproduction manager at MoMA Pearl Moeller and visionary NYPL librarian Romana Javitz, and underexplored professional practices, Diana Kamin demonstrates how bureaucratic work communicates ideas about images to the public.

Kamin artfully shows how the public interfaces with these image collections through systems of classification and protocols of search and retrieval. These interactions, in turn, shape contemporary image culture, including concepts of authorship, art, property, and value, as well as logics of indexing, tagging, and hyperlinking. Together, these interactions have forged a concept of the image as alienable content, which has intensified with the advent of digital techniques for managing image collections. To survey the complicated process of digitization in the nineties and early aughts, Kamin also includes interviews with photographers, digital asset management system designers, librarians, and artists on their working practices.

**Diana Kamin** is Advanced Lecturer in the Department of Communication and Media Studies at Fordham University in New York. Her research has been published in *Information & Culture*, *Journal of Visual Culture*, and *Artforum*, among other publications.

media studies | information science

November | 6 x 9, 320 pp. | 52 b&w photos

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54700-0

History and Foundations of Information Science series

## Dark Star

A New History of the Space Shuttle

Matthew H. Hersch

**A captivating history of NASA's Space Transportation System—the space shuttle—chronicling the inevitable failures of a doomed design.**

In *Dark Star*, Matthew Hersch challenges the existing narrative of the most significant human space program of the last fifty years, NASA's space shuttle. He begins with the origins of the space shuttle: a century-long effort to develop a low-cost, reusable, rocket-powered airplane to militarize and commercialize space travel, which Hersch explains was built the wrong way, at the wrong time, and for all the wrong reasons. Describing the unique circumstances that led to the space shuttle's creation by the administration of President Richard Nixon in 1972 and its subsequent flights from 1981 through 2011, Hersch illustrates how the space shuttle was doomed from the start.

While most historians have accepted the view that the space shuttle's fatal accidents—including the 1986 Challenger explosion—resulted from deficiencies in NASA's management culture that lulled engineers into a false confidence in the craft, *Dark Star* reveals the widespread understanding that the shuttle was predestined for failure as a technology demonstrator. The vehicle was intended only to give the United States the appearance of a viable human spaceflight program until funds became available to eliminate its obvious flaws. Hersch's work seeks to answer the perilous questions of technological choice that confront every generation, and it is a critical read for anyone interested in how we can create a better world through the things we build.

**Matthew Hersch** is Associate Professor of the History of Science at Harvard University. He is author of *Inventing the American Astronaut*, coauthor of *A Social History of American Technology*, and coeditor of *War and Peace in Outer Space: Law, Policy, and Ethics*.

technology

December | 6 x 9, 320 pp. | 33 b&w illus.

**US \$45.00X/\$60.00 CAN paperback**

978-0-262-54672-0

## Cracking the Bro Code

Coleen Carrigan

**Why dominant racial and gender groups have preferential access to jobs in computing, and how feminist labor activism in computing culture can transform the field.**

*Cracking the Bro Code* is a bold ethnographic study of sexism and racism in contemporary computing cultures theorized through the analytical frame of the “Bro code.” Drawing from feminist anthropology and STS, Coleen Carrigan shares in this book the direct experiences of women, nonbinary individuals, and people of color, including her own experiences in tech, to show that computing has a serious cultural problem. From senior leaders in the field to undergraduates in their first year of college, participants consistently report how sexism and harassment manifest themselves in computing via values, norms, behaviors, evaluations, and policies. While other STEM fields are making strides in recruiting, retaining, and respecting women workers, computing fails year after year to do so.

Carrigan connects altruism, computing, race, and gender to advance the theory that social purpose is an important factor to consider in working toward gender equity in computing. Further, she argues that transforming computing culture from hostile to welcoming has the potential to change not only who produces computing technology but also the core values of its production, with possible impacts on social applications. *Cracking the Bro Code* explains how digital bosses have come to operate imperiously in our society, dodging taxes and oversight, and how some programmers who look like them are enchanted with a sense of divine right. In the context of computing’s powerful influence on the world, Carrigan speculates on how the cultural mechanisms sustaining sexism, harassment, and technocracy in computing workspaces impact both those harmed by such violence as well as society at large.

**Coleen Carrigan** is Associate Professor of Anthropology and Science, Technology and Society (STS) at California Polytechnic State University, San Luis Obispo. She is a recipient of a five-year National Science Foundation Faculty Early Career Development (CAREER) Award for her research into the intersections of gender, race, and social values in computing.

gender studies | technology studies

January | 6 x 9, 248 pp.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54705-5

Labor and Technology series

## Inventing the Working Parent

Work, Gender, and Feminism in Neoliberal Britain

Sarah E. Stoller

**The first historical examination of working parenthood in the late twentieth century—and how the concepts of “family-friendly” work culture and “work–life balance” came to be.**

Since the 1980s, families across the developed West have lived through a revolution on a scale unprecedented since industrialization. With more mothers than ever before in paid work and the rise of the middle-class, dual-income household, we have entered a new era in the history of everyday life: the era of the working parent. In *Inventing the Working Parent*, Sarah Stoller charts the politics that shaped the creation of the phenomenon of working parenthood in Britain as it arose out of a new culture of work.

Stoller begins with the first sustained efforts by feminists to mobilize politically on behalf of working parents in the late 1970s and concludes in the context of an emerging national political agenda for working families with the rise of New Labour in the 1990s. She explores how and why the notion of working parenthood emerged as a powerful new political claim and identity category and addresses how feminists used the concept of working parenthood to advocate for new organizational policies and practices. Lastly, Stoller shows how neoliberal capitalism under Margaret Thatcher and subsequent New Labour governments made a family’s ability to survive on one income nearly impossible—with significant consequences for individual experience, the gendered division of labor, and intimate life.

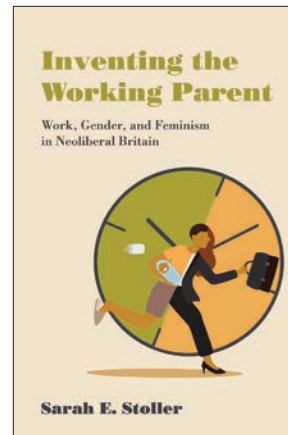
**Sarah E. Stoller** is a historian and freelance writer. Her writing on care work, feminism, gender, and motherhood as well as popular culture and the crisis of higher education has appeared in *Slate*, the *Los Angeles Review of Books*, *Aeon Magazine*, *Salon*, *Jezebel*, the *Washington Post*, and *History Workshop Journal*.

history | gender studies

August | 6 x 9, 304 pp. | 10 b&w illus.

**US \$55.00X/\$73.00 CAN paperback**

978-0-262-54610-2



## Open Minded

Searching for Truth about the Unconscious Mind

Ben R. Newell and David R. Shanks

**A provocative look at the unconscious mind that challenges contemporary perceptions and exposes the indefensible science that fostered them.**

How much of a role does the unconscious play in our decision making? In *Open Minded: Searching for Truth about the Unconscious Mind*, authors Ben Newell and David Shanks would argue: not very much. Behavioral science and public discourse have placed an outsized emphasis on the unconscious mind when it comes to understanding human behavior. Pursuing trails of fraud, intrigue, and claims about the power of unconscious thought, Newell and Shanks scrutinize the science that has contributed to our conventional wisdom and offer an important counterpoint to the ever-stronger traction that the unconscious mind has gained in public debate, such as the now ubiquitous claim that unconscious bias plays a large role in people's decisions and behavior.

*Open Minded* is divided into two sections: the first examines the modern understanding of the conscious mind, and the second shifts the focus to how to reform current research. Focusing on the core processes of decision making, Newell and Shanks cut through many questionable claims about unconscious behavior. Then, they delve into the nuts-and-bolts of methodology, challenging not only psychology and the behavioral sciences but also medicine and science more broadly. In this against-the-grain approach, Newell and Shanks chart new possibilities for how we may be more open to understanding how our minds actually work.

**Ben R. Newell** is Professor of Psychology and Deputy Head of the School of Psychology at UNSW Sydney. **David R. Shanks** is Professor of Psychology and Deputy Dean of the Faculty of Brain Sciences at University College London. Together they are the coauthors of *Straight Choices: The Psychology of Decision Making*.

cognitive science

August | 6 x 9, 232 pp. | 20 b&w illus.

**US \$45.00X/\$60.00 CAN paperback**

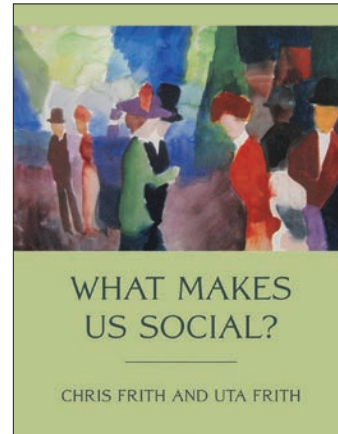
978-0-262-54619-5

## What Makes Us Social?

Chris Frith and Uta Frith

**A deep dive into the social mind-brain, examining the processes we share with other social animals and illuminating those that are uniquely human.**

*What Makes Us Social?* is a scholarly but accessible exploration of the underlying processes that make humans the most



social species on the planet. Chris and Uta Frith, pioneers in the field of cognitive neuroscience, review the many forms of social behavior that we humans share with other animals and examine the special form that only humans possess, including its dark side. These uniquely human abilities allow us to reflect on our behavior and share these reflections with other people. This

allows us to reason why we do things and to exert some control over our automatic behaviors. As a result, we can learn cooperatively with others and create and value cultural artifacts that survive through the generations.

Going beyond how we come to know ourselves and understand the mind of others, Frith and Frith investigate how we adapt mutually to make social interactions work. This book stands out in its application of a computational framework—one that lies at the intersection of psychology and artificial intelligence—to key concepts of social cognition, such as empathy, trust, group identity, and reputation management. Ultimately, *What Makes Us Social?* is a profound examination of the ways we communicate, cooperate, share, and compete with other humans and how these capabilities define us as a species.

**Chris Frith** is Emeritus Professor of Neuropsychology at the Wellcome Centre for Human Neuroimaging at University College London and Honorary Research Fellow, Institute of Philosophy, University of London. He is author of *Making up the Mind: How the Brain Creates our Mental World*. **Uta Frith** is Emeritus Professor of Cognitive Development at the Institute of Cognitive Neuroscience at University College London. She is author of *Autism: Explaining the Enigma*. The Friths jointly received the European Latsis Prize in 2009 for their contribution to understanding the human mind and brain, the Jean Nicod Prize in 2014 for their work on social cognition, and the Social and Affective Neuroscience Society's Distinguished Scholar Award in 2021. The Friths jointly received the European Latsis Prize in 2009 for their contribution to understanding the human mind and brain, the Jean Nicod Prize in 2014 for their work on social cognition, and the Social and Affective Neuroscience Society's Distinguished Scholar Award in 2021.

cognitive science

September | 7 x 9, 422 pp. | 73 b&w illus.

**US \$50.00X/\$66.00 CAN paperback**

978-0-262-54627-0



# From Geometry to Behavior

An Introduction to Spatial Cognition

Hanspeter A. Mallot

**An overview of the mechanisms and evolution of spatial cognition, integrating evidence from psychology, neuroscience, cognitive science, and computational geometry.**

Understanding how we deal with space requires input from many fields, including ethology, neuroscience, psychology, cognitive science, linguistics, geography, and spatial information theory. In *From Geometry to Behavior*, cognitive neuroscientist Hanspeter Mallot provides an overview of the basic mechanisms of spatial behavior in animals and humans, showing how they combine to support higher-level performance. Mallot explores the biological mechanisms of dealing with space, from the perception of visual space to the constructions of large space representations: that is, the cognitive map. The volume is also relevant to the epistemology of spatial knowledge in the philosophy of mind.

Mallot aims to establish spatial cognition as a scientific field in its own right. His general approach is psychophysical, in that it focuses on quantitative descriptions of behavioral performance and their real-world determinants, thus connecting to the work of theorists in computational neuroscience, robotics, and computational geometry. After an overview of scientific thinking about space, Mallot covers spatial behavior and its underlying mechanisms in the order of increasing memory involvement. He describes the cognitive processes that underlie advanced spatial behaviors such as directed search, wayfinding, spatial planning, spatial reasoning, object building and manipulation, and communication about space. These mechanisms are part of the larger cognitive apparatus that also serves visual and object cognition; understanding events, actions, and causality; and social cognition, which includes language. Of all of these cognitive domains, spatial cognition most likely occurred first in the course of evolution and is the most widespread throughout the animal kingdom.

**Hanspeter A. Mallot** is Professor of Cognitive Neuroscience at the University of Tübingen. He is the author of *Computational Vision: Information Processing in Perception and Visual Behavior* (MIT Press).

cognitive science

January | 7 x 9, 296 pp. | 6 color illus., 68 b&w illus.

**US \$75.00X/\$99.00 CAN paperback**

978-0-262-54711-6

# Programming Your GPU with OpenMP

Performance Portability for GPUs

Tom Deakin and Timothy G. Mattson

**The essential guide for writing portable, parallel programs for GPUs using the OpenMP programming model.**

Today's computers are complex, multi-architecture systems: multiple cores in a shared address space, graphics processing units (GPUs), and specialized accelerators. To get the most from these systems, programs must use all these different processors. In *Programming Your GPU with OpenMP*, Tom Deakin and Timothy Mattson help everyone, from beginners to advanced programmers, learn how to use OpenMP to program a GPU using just a few directives and runtime functions. Then programmers can go further to maximize performance by using CPUs and GPUs in parallel—true heterogeneous programming. And since OpenMP is a portable API, the programs will run on almost any system.

*Programming Your GPU with OpenMP* shares best practices for writing performance portable programs. Key features include:

- **The most up-to-date APIs for programming GPUs with OpenMP with concepts that transfer to other approaches for GPU programming.**
- **Written in a tutorial style that embraces active learning, so that readers can make immediate use of what they learn via provided source code.**
- **Builds the OpenMP GPU Common Core to get programmers to serious production-level GPU programming as fast as possible.**

Additional features:

- **A reference guide at the end of the book covering all relevant parts of OpenMP 5.2.**
- **An online repository containing source code for the example programs from the book—provided in all languages currently supported by OpenMP: C, C++, and Fortran.**
- **Tutorial videos and lecture slides.**

**Tom Deakin** is Lecturer in Advanced Computer Systems at the University of Bristol, researching the performance portability of massively parallel high performance simulation codes. He has given tutorials and lecture series on parallel programming models including OpenMP, SYCL, and OpenCL.

**Timothy G. Mattson** is a senior principal engineer at Intel where he's worked since 1993 on: the first TFLOP computer; the creation of MPI, OpenMP, and OpenCL; HW/SW co-design of many-core processors; data management systems; and the GraphBLAS API for expressing graph algorithms as sparse linear algebra.

computer science

November | 8 x 9, 328 pp. | 120 b&w illus.

**US \$80.00X/\$105.00 CAN paperback**

978-0-262-54753-6

Scientific and Engineering Computation series

## Autographic Design

The Matter of Data in a Self-Inscribing World

Dietmar Offenhuber

**An ambitious vision for design based on the premise that data is material, not abstract.**

Data analysis and visualization are crucial tools in today's society, and digital representations have steadily become the default. Yet, more and more often, we find that citizen scientists, environmental activists, and forensic amateurs are using analog methods to present evidence of pollution, climate change, and the spread of disinformation. In this illuminating book, Dietmar Offenhuber presents a model for these practices, a model to make data generation accountable: autographic design.

Autographic refers to the notion that every event inscribes itself in countless ways. Think of a sundial, for example, a perfectly autographic device that displays information on itself. Inspired by such post-digital practices of visualization and evidence construction, Offenhuber describes an approach to visualization based on the premise that data is a material entity rather than an abstract representation. Emerson wrote, "Every act of the man inscribes itself in the memories of his fellows, and in his own manners and face." In *Autographic Design*, Offenhuber introduces a model for design that emphasizes traces, imprints, and self-inscriptions, turning them into sensory displays.

In an age where misinformation is harder and harder to identify, *Autographic Design* makes an urgent and persuasive case for a different approach that calls attention to the production of data and its connection to the material world.

**Dietmar Offenhuber** is Associate Professor and Chair of the Department of Art + Design at Northeastern University, with a joint appointment in the School of Public Policy and Urban Affairs. He is currently a visiting scholar at Harvard metaLAB and was recently a fellow at the Princeton-Mellon Initiative in Architecture, Urbanism, and the Humanities. He is the author of the award-winning *Waste Is Information* (MIT Press).

data science | technology studies

December | 6 x 9, 288 pp. | 21 color illus., 29 b&w illus.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54702-4

metaLABprojects series

## Expanding Mindscapes

A Global History of Psychedelics

edited by Erika Dyck and Chris Elcock

**The first collection of its kind to explore the diverse and global history of psychedelics as they appealed to several generations of researchers and thinkers.**

*Expanding Mindscapes* offers a fascinatingly fluid and diverse history of psychedelics that stretches around the globe. While much of the literature to date has focused on the history of these drugs in the United States and Canada, editors Erika Dyck and Chris Elcock deliberately move away from these places in this collection to reveal a longer and more global history of psychedelics, which chronicles their discovery, use, and cultural impact in the twentieth century.

The authors in this collection explore everything from LSD psychotherapy in communist Czechoslovakia to the first applications of LSD-25 in South America to the intersection of modernism and ayahuasca in China. Along the way, they also consider how psychedelic experiments generated their own cultural expressions, where the specter of the United States may have loomed large and where colonial empires exerted influence on the local reception of psychedelics in botanical and pharmaceutical pursuits.

Breaking new ground by adopting perspectives that are currently lacking in the historiography of psychedelics, this collection adds to the burgeoning field by offering important discussions on underexplored topics such as gender, agriculture, parapsychology, anarchism, and technological innovations.

**Erika Dyck** is Professor and Canada Research Chair in the History of Health & Social Justice at the University of Saskatchewan. She is the author of *Psychedelic Psychiatry and Facing Eugenics*; coauthor of *Managing Madness, Challenging Choices*, and *The Acid Room*; and coeditor of *Psychedelic Prophets, A Culture's Catalyst*, and *Wonder Drug*. Erika is also a Board Member of Chacruna Institute for Psychedelic Plants and Associate Director of Chacruna Canada. **Chris Elcock** is an award-winning independent historian of psychedelics who has authored *Psychedelic New York: A History of LSD in the City*, along with several articles on the history of the American psychedelic movement.

psychology | medical

November | 6 x 9, 528 pp.

6 color illus., 21 b&w illus.

**US \$55.00X/\$73.00 CAN paperback**

978-0-262-54693-5

## Design Strategy

Challenges in Wicked Problem Territory

Nancy C. Roberts

**A new approach to addressing the contemporary world's most difficult challenges, such as climate change and poverty.**

Conflicts over “the problem” and “the solution” plague the modern world and land problem solvers in what has been called “wicked problem territory”—a social space with high levels of conflict over problems and solutions. In *Design Strategy*, Nancy Roberts proposes design as a strategy of problem solving to close the gap between an existing state and a desired state. Utilizing this approach, designers and change agents are better able to minimize self-defeating conflicts over problems and solutions, break the logjam of opposition, and avoid the traps that lock problem solvers into a never-ending cycle of conflict.

Design as a field continues to grow and evolve, but *Design Strategy* focuses on three levels of design where “wicked problems” tend to lurk—strategic design (of private and public organizations), systemic design (of networked and overlapping economic, technical, political, and social subsystems), and regenerative design (of life-giving realignment between humanity and nature). Within this framework, Roberts presents refreshingly interdisciplinary case studies that integrate theory and practice across diverse fields to guide professionals in any domain—from business and nonprofit organizations to educational and healthcare systems—and finally offers hope that humanity can tackle the existential challenges we face in the twenty-first century.

**Nancy C. Roberts** is Professor Emerita of Defense Analysis in the School of Operational and Information Sciences at the Naval Postgraduate School in Monterey, California. In her research, writing, teaching, and consulting, Roberts uses design strategy to assist business and government leaders in becoming more creative, open-minded, and innovative problem solvers.

design

November | 7 x 10, 512 pp. | 32 b&w illus.

**US \$55.00X/\$60.00 CAN paperback**

978-0-262-54681-2

Design Thinking, Design Theory series

## Design Aesthetics

Theoretical Basics and Studies in Implication

Mads Nygaard Folkmann

**An original exploration of the role of aesthetics in contemporary design, uniquely combining philosophical aesthetics and cultural analysis of design.**

As a product of human ingenuity, design functions as an artificial interface through which we meet the world. While the ubiquity of design seems to render it imperceptible, when we truly reflect on design, we see that it is inextricably entwined with our experience of the world. In *Design Aesthetics*, Mads Nygaard Folkmann provides an engaging introduction to the field of design aesthetics and its role as a concept. Engaging with sensual, conceptual, and contextual considerations of design aesthetics, this book investigates design experience in tandem with design practice, objects, and perception.

Part one of *Design Aesthetics* lays the theoretical foundation by differentiating between sensual, conceptual, and contextual dimensions of design aesthetics and clarifying what “aesthetic experience” means in relation to design. The second part of the book consists of studies in implications of design aesthetics for design practice, design objects with embedded technology, and the construction of perception of aesthetic qualities in objects. In its focus on design aesthetics, the book is intended for everyone working with design—design students, designer researchers, and designers—as well as students and researchers in aesthetics in general.

**Mads Nygaard Folkmann** is Professor of Design Studies at the Department of Design and Communication, University of Southern Denmark. He is the author of *The Aesthetics of Imagination in Design* (MIT Press) and *Designkultur: Teoretiske perspektiver på design*.

design

September | 6 x 9, 384 pp. | 51 b&w illus.

**US \$50.00X/\$66.00 CAN paperback**

978-0-262-54631-7

## Design, Empathy, Interpretation

Toward Interpretive Design Research

Ilpo Koskinen

**A new, empathic approach to design research, drawn from the informed experiences of a leading design research program in Finland.**

*Design, Empathy, Interpretation* tells the story of empathic design, a design research program at Aalto University in Helsinki, Finland, that has developed an interpretive approach to design over the past twenty years. As one of the leaders of the Helsinki group, Ilpo Koskinen draws on his own experiences to offer readers a general intellectual and professional history of design research, and argues for what he calls an interpretive approach. *Design, Empathy, Interpretation* shows how the group has created connections all across the globe, and how a seemingly soft approach to design research can be useful in both industry and government.

Koskinen follows design research's transformation from questions of usability, in the 1980s, through to the revolution in personal electronics and the "user-centered" turn of the 1990s. Using the research community in Helsinki as a case study, and moving between specific projects and theoretical debates, he offers readers a focused introduction to the major methodological and intellectual challenges—as well as the opportunities—of design research. He argues that all design tasks, however simple or complex, begin with understanding the way humans ascribe meaning, both as individuals and as actors in complex societies. Thus all design research must be interpretive at its core.

**Ilpo Koskinen** is Professor at the University of New South Wales. He is the coauthor of *Empathic Design*, *Design Research through Practice: From the Lab, Field, and Showroom*, and *Drifting by Intention: Four Epistemic Traditions from within Constructive Design Research*.

design

August | 6 x 9, 200 pp. | 20 b&w illus.

**US \$35.00X/\$48.00 CAN paperback**

978-0-262-54692-8

Design Thinking, Design Theory series

## Monetary Policy and Its Unintended Consequences

Raghuram Rajan

**A call for an end to aggressive monetary policy and a return to smart growth from an eminent researcher and former central banker.**

Central banks took extraordinary measures to stabilize markets and enhance growth after the financial crisis of 2008, but without giving much thought to the long-term consequences. It was a response, Raghuram Rajan argues, that set a dangerous precedent: the more central banks did, the more they were expected to do, and the more they ended up doing. *Monetary Policy and Its Unintended Consequences* looks back at what this meant for where we are now.

A former central banker who foresaw the 2008 crisis and wrote a bestselling book about the risks of excessively accommodative monetary policy, Rajan takes a hard look at central bank behavior and its embrace of increasingly aggressive strategies to keep economies afloat. Despite efforts to strengthen markets, the 2020 pandemic showed economies remain as vulnerable as ever to adverse shocks, prompting large-scale interventions that, in the case of COVID-19, led to persistent inflation and market volatility. By examining these undertheorized outcomes, Rajan hopes central banks will recognize the unintended consequences of using all of the instruments available to them, which will encourage them to return to their core mandates of low inflation and financial stability.

*Monetary Policy and Its Unintended Consequences* is the most thorough account yet of the choices central banks have made to meet the economic challenges of our century and why they must rethink these choices.

**Raghuram Rajan** is Katherine Dusak Miller Distinguished Service Professor of Finance at the University of Chicago's Booth School. His books include *The Third Pillar: How Markets and the State Leave the Community Behind*, *Saving Capitalism from the Capitalists*, and *Fault Lines: How Hidden Fractures Still Threaten the World Economy*, which received the *Financial Times*-Goldman Sachs prize for best business book.

economics

November | 5 1/4 x 8, 152 pp.

**US \$30.00X/\$41.00 CAN paperback**

978-0-262-54704-8

Karl Brunner Distinguished Lectures Series

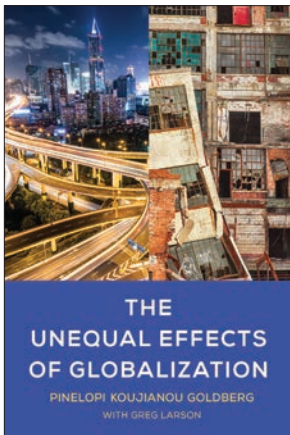
## The Unequal Effects of Globalization

Pinelopi Koujianou Goldberg

with Greg Larson

**From a former Chief Economist of the World Bank, a brief, balanced, and sobering discussion of globalization trends, their drivers, and effects on inequality.**

The recent retreat from globalization has been triggered by a perception that increased competition from global trade is



not fair and leads to increased inequality within countries. Is this phenomenon a small hiccup in the overall wave of globalization, or are we at the beginning of a new era of deglobalization? Former Chief Economist of the World Bank Group Pinelopi Koujianou Goldberg tells us that the answer depends on the policy choices we make, and in this book *The Unequal Effects of Globalization*, she calls for exploring alternative policy approaches

including place-based policies, while sustaining international cooperation.

At this critical moment of shifting attitudes toward globalization, *The Unequal Effects of Globalization* enters the debate while also taking a step back. Goldberg investigates globalization's many dimensions, disruptions, and complex interactions, from the late twentieth century's wave of trade liberalizations to the rise of China, the decline of manufacturing in advanced economies, and the recent effects of trade on global poverty, inequality, labor markets, and firm dynamics. From there, Goldberg explores the significance of the recent backlash against and potential retreat from globalization, and considers the key policy implications of these trends and emerging dynamics.

**Pinelopi (Penny) Koujianou Goldberg** is the Elihu Professor of Economics and Global Affairs at Yale University. She was Chief Economist of the World Bank Group from 2018 to 2020, President of the Econometric Society in 2021, and Editor-in-Chief of the *American Economic Review* from 2011 to 2017.

**Greg Larson** is a writer and consultant based in Washington, DC. He supports organizations, leaders, and academics in the spheres of economics, public policy, and international development. Previously, he served as an economist and senior advisor at the US Treasury Department.

business | economics

August | 5 1/4 x 8, 128 pp. | 27 b&w illus.

**US \$40.00X/\$54.00 CAN cloth**

978-0-262-04825-5

Ohlin Lectures series

## Demystifying the Academic Research Enterprise

Becoming a Successful Scholar in a Complex and Competitive Environment

Kelvin K. Droegemeier

**What next-generation scholars need to know in order to thrive, and how they can actively participate in shaping the academic research enterprise.**

The academic research enterprise is highly complex, involving multiple sectors of society and a vast array of approaches. In *Demystifying the Academic Research Enterprise*, Kelvin Droegemeier shows next-generation scholars across all disciplines how to become more productive earlier in their career, as well as how to help shape the academic research enterprise. The topics covered include public perceptions of scholarly work and its use in policy; understanding the big picture of funding and national priorities as well as identifying funding sources; research methods; collecting data and materials; writing grant proposals; publishing results; ethical conduct; bias and peer review; intellectual property and compliance regulations; partnerships and collaboration; diversity, equity, and inclusion; and the future of research.

Droegemeier's two principal goals are to enhance and accelerate scholars' understanding of the academic research process and to democratize that understanding, particularly at institutions that traditionally are underrepresented or lack robust resources. While intended for undergraduate and graduate students, postdoctoral scholars, and early career faculty, *Demystifying the Academic Research Enterprise* is also relevant to mid-career and senior faculty, research administrators, funding organizations, congressional staff, policymakers, and the general public. Droegemeier places scholars in a broader national and international context—not as passive recipients of the existing system but as key actors who actively participate in helping to set priorities, determine policies, drive systemic change, and advance knowledge.

**Kelvin K. Droegemeier** is Regents' Professor and Roger and Sherry Teigen Presidential Professor, Weathernews Chair Emeritus, University of Oklahoma. From 2019 to 2021, he served as Director of the White House Office of Science and Technology Policy (OSTP) and Science Advisor to the President.

education

December | 6 x 9, 344 pp. | 47 b&w illus.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54707-9

## Academic Star Wars

Excellence Initiatives in Global Perspective

edited by Maria Yudkevich, Philip G. Altbach,  
and Jamil Salmi

**A pioneering collection of case studies on the global phenomenon of academic excellence initiatives and how they shape the performance of research universities.**

Academic excellence initiatives (AEIs)—special government-sponsored programs to improve research universities—have provided billions of dollars to top universities and represent perhaps the most significant effort in the past half-century to jumpstart academic research. The contributors to *Academic Star Wars*, superbly edited by Maria Yudkevich, Philip G. Altbach, and Jamil Salmi, analyze AEIs in nine European and Asian countries, including China, Japan, Malaysia, South Korea, Taiwan, Denmark, France, Germany, and Russia, and offer penetrating insights into the successes and problems of these initiatives, as well as into the broader system of higher education itself.

*Academic Star Wars* provides a comprehensive analysis of AEIs across the globe as it seeks to understand the impact of these programs on national higher ed systems. The contributors explore a host of topics, including how the idea of excellence varies across national systems; the lessons to be drawn from the most successful AEIs; the consequences of AEIs, both intended and unintended, for participating universities; and whether AEIs ensure a significant impact on the global standing of national higher education systems. Finally, the contributors offer policy recommendations for national decision-makers and university leaders, taking into account the variety of initial conditions of national higher education systems and the differences in AEI design, scope, and funding.

**Maria Yudkevich** is a professor and head of the Center for Institutional Studies at HSE University, Moscow. She is a coauthor of *Higher Education in Russia*. **Philip G. Altbach** is Research Professor and Distinguished Fellow of the Center for International Higher Education, Boston College. He is the author of *Global Perspectives on Higher Education* and other books.

**Jamil Salmi** is a global tertiary education expert; former World Bank higher education coordinator; Emeritus Professor of Higher Education Policy, Diego Portales University, Chile; and Research Fellow, Center for International Higher Education, Boston College.

education

December | 6 x 9, 280 pp. | 10 b&w illus.

**US \$45.00X/\$60.00 CAN paperback**

978-0-262-54685-0

## Critical Data Literacies

Rethinking Data and Everyday Life

Luci Pangrazio and Neil Selwyn

**A guide to everything you need to understand to navigate a world increasingly governed by data.**

Data has become a defining issue of current times. Our everyday lives are shaped by the data that is produced about us (and by us) through digital technologies. In this book, *Critical Data Literacies*, Luci Pangrazio and Neil Selwyn introduce readers to the central concepts, ideas, and arguments required to make sense of life in the data age. The authors challenge the idea that datafication is an inevitable and inescapable condition. Drawing on emerging areas of scholarship such as data justice, data feminism, and other critical data studies approaches, they explore how individuals and communities can empower themselves to engage with data critically and creatively.

Over the course of eight wide-ranging chapters, the book introduces readers to the main components of critical data literacies—from the fundamentals of identifying and understanding data to the complexities of engaging with more combative data tactics. *Critical Data Literacies* explores how the tradition of critical literacies can offer a powerful foundation to address the big concerns of the data age, such as issues of data justice and privacy, algorithmic bias, dataveillance, and disinformation. Bringing together cutting-edge thinking and discussion from across education, sociology, psychology, and media and communication studies, *Critical Data Literacies* develops a powerful argument for collectively rethinking the role that data plays in our everyday lives and re-establishing agency, free will, and the democratic public sphere.

**Luci Pangrazio** is Senior Lecturer in Language and Literacy Education at Deakin University. Her recent books are *Learning to Live with Datafication* (with Julian Sefton-Green) and *Young People's Literacies in the Digital Age*.

**Neil Selwyn** is Distinguished Professor at Monash University, Melbourne. His books are *Facial Recognition* (with Mark Andrejevic), *Should Robots Replace Teachers?*, and the third edition of *Education and Technology: Key Issues and Debates*.

education

November | 6 x 9, 224 pp.

**US \$35.00X/\$48.00 CAN paperback**

978-0-262-54682-9

## Recycling Class

The Contradictions of Inclusion in Urban Sustainability

Manisha Anantharaman

**An ethnographic and community-engaged study of the class, caste, and gender politics of environmental mobilizations around Bengaluru, India's discards.**

In *Recycling Class*, Manisha Anantharaman examines the ideas, flows, and relationships around unmanaged discards in Bengaluru, India, itself a massive environmental problem of planetary proportions, to help us understand what types of coalitions deliver social justice within sustainability initiatives. *Recycling Class* links middle-class, sustainable consumption with the environmental labor of the working poor to offer a relational analysis of urban sustainability politics and practice. Through ethnographic, community-based research, Anantharaman shows how diverse social groups adopt, contest, and modify neoliberal sustainability's emphasis on market-based solutions, behavior change, and the aesthetic conflation of "clean" with "green."

Tracing garbage politics in Bengaluru for over a decade, Anantharaman argues that middle class "communal sustainability" efforts create new avenues for waste picker organizations to make claims for infrastructural inclusion. Coproduced "DIY infrastructures" serve as sites of citizenship and political negotiation, challenging the technocratic and growth-based logics of dominant sustainability policies. Yet, these configurations reproduce class, caste, and gender-based divisions of labor, demonstrating that inclusion without social reform can reproduce unjust distributions of risk and responsibility. Revealing the "win-win" fallacy of sustainability and foregrounding the agency of communities excluded from environmental policy, *Recycling Class* will appeal to scholars and activists alike who want to create a future with more transformative sustainability.

**Manisha Anantharaman** is Associate Professor of Justice Community and Leadership at Saint Mary's College of California and the coeditor of *The Circular Economy and the Global South*.

political science | environment

December | 6 x 9, 272 pp. | 10 b&w illus.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54697-3

## Mnemonic Ecologies

Memory and Nature Conservation along the Former Iron Curtain

Sonja K. Pieck

**An exploration of the Green Belt conservation project between the former East and West Germanies and its relationship to emergent ecosystems, trauma, and memorialization.**

The first book-length scholarly treatment of Germany's largest conservation project, the Green Belt, *Mnemonic Ecologies* by Sonja Pieck presents a new interdisciplinary approach: that effective restoration and conservation of wounded land must merge ecology with memory. Since the Cold War's end in 1989, German conservationists have transformed the once militarized border between East and West Germany into an extensive protected area. Yet as forests, meadows, and wetlands replace fences, minefields, and guard towers, ecological recovery must reckon with the pain of the borderlands' brutal past. The lessons gained by conservationists here, Pieck argues, have profound practical and ethical implications far beyond Germany.

Can conservation help heal both ecological and societal wounds? How might conservation honor difficult socioecological pasts? Deeply researched and evocatively written, this beautiful, interdisciplinary investigation into the legacy of war and nature's resurgence blends environmental history, ethics, geography, and politics with ecology and memory studies. Amid our rampant biodiversity crisis, *Mnemonic Ecologies* shows why conservation must include humanized landscapes in its purview, thus helping to craft a new conservation ethos that is collaborative, empathetic, and more sensitive to the connections between humans and the places they inhabit.

**Sonja K. Pieck** is a human geographer and Professor of Environmental Studies at Bates College. Her interdisciplinary research explores environmental politics, cultures, and governance in Europe and South America.

nature

August | 6 x 9, 280 pp. | 16 b&w illus.

**US \$45.00X/\$60.00 CAN paperback**

978-0-262-54616-4

## Nature-Made Economy

Cod, Capital, and the Great Economization of the Ocean

Kristin Asdal and Tone Huse

**An exploration of the economization of the ocean through the small modifications that enable great transformations of nature.**

The ocean is the site of an ongoing transformation that is aimed at creating new economic opportunities and prosperity. In *Nature-Made Economy*, Kristin Asdal and Tone Huse explore how the ocean has been harnessed to become a space of capital investment and innovation, and how living nature is wrested into the economy even as nature, in turn, resists, adapts to, or changes the economy. The authors' innovative methodological and conceptual approaches examine the economy by focusing on surprising and numerous "little tools"—such as maps and policy documents, quality patrols, and dietary requirements for the enhancement of species' biological propensities—that value, direct, reorder, accomplish, and sometimes fail to serve our ends, but also add up to great change.

Throughout *Nature-Made Economy*, Asdal and Huse follow one species, the Atlantic cod, and explore how it is subjected to different versions of economization. Taking this species as a point of departure, they then provide novel analyses of the innovation economy, the architecture of markets, the settling of prices, and more, revealing how the ocean is rendered a space of intense economic exploitation. Through their analysis, the authors develop a distinct theoretical approach and conceptual vocabulary for studying nature–economy relations.

*Nature-Made Economy* is a significant contribution to the broad field of STS and social studies of markets, as well as to studies of the Anthropocene, the environment, and human–animal relations.

**Kristin Asdal** is Professor of STS at the University of Oslo. She is the coauthor of *Doing Document Analysis: A Practice-Oriented Method* and coeditor of *Humans, Animals and Biopolitics: The More-Than-Human Condition*.

**Tone Huse** is Associate Professor of Archaeology, History, Religious Studies and Theology at the Arctic University of Norway. She is the author of *Everyday Life in the Gentrifying City: On Displacement, Ethnic Privileging and the Right to Stay Put*.

nature | science & technology studies

October | 6 x 9, 280 pp. | 31 b&w illus.

**US \$50.00X/\$66.00 CAN paperback**

978-0-262-54552-5

Inside Technology series

## Evolution “On Purpose”

Teleonomy in Living Systems

**edited by Peter A. Corning, Stuart A. Kauffman, Denis Noble, James A. Shapiro, Richard I. Vane-Wright, and Addy Pross**

**A unique exploration of teleonomy—also known as “evolved purposiveness”—as a major influence in evolution by a broad range of specialists in biology and the philosophy of science.**

The evolved purposiveness of living systems, termed “teleonomy” by chronobiologist Colin Pittendrigh, has been both a major outcome and causal factor in the history of life on Earth. Many theorists have appreciated this over the years, going back to Lamarck and even Darwin in the nineteenth century. In the mid-twentieth century, however, the complex, dynamic process of evolution was simplified into the one-way, bottom-up, single gene-centered paradigm widely known as the modern synthesis. In *Evolution “On Purpose,”* edited by Peter Corning, Stuart Kauffman, Denis Noble, James Shapiro, Richard Vane-Wright, and Addy Pross, some twenty theorists attempt to modify this reductive approach by exploring in depth the different ways in which living systems have themselves shaped the course of evolution.

*Evolution “On Purpose”* puts forward a more inclusive theoretical synthesis that goes far beyond the underlying principles and assumptions of the modern synthesis to accommodate work since the 1950s in molecular genetics, developmental biology, epigenetic inheritance, genomics, multilevel selection, niche construction, physiology, behavior, biosemiotics, chemical reaction theory, and other fields.

**Peter A. Corning** is Director of the Institute for the Study of Complex Systems and Professor of Human Biology at Stanford University. **Stuart A. Kauffman** has published over 350 articles and 6 books: *The Origins of Order*, *At Home in the Universe*, *Investigations*, *Reinventing the Sacred*, *Humanity in a Creative Universe*, and *A World beyond Physics*. **Denis Noble** was Professor of Cardiovascular Physiology at the University of Oxford until 2004. He is author of *The Music of Life* and *Dance to the Tune of Life*. He is a Fellow of the Royal Society. **James A. Shapiro** is Professor of Microbiology in the Department of Biochemistry and Molecular Biology at the University of Chicago. **Richard I. Vane-Wright** is an entomologist associated with the Natural History Museum (London) for over 60 years. **Addy Pross** is Professor of Chemistry (Emeritus) at Ben Gurion University of the Negev. His pioneering book *What Is Life? How Chemistry Becomes Biology* has been published in close to a dozen languages.

biology

August | 7 x 10, 390 pp. | 29 b&w illus.

**US \$75.00X/\$99.00 CAN paperback**

978-0-262-54640-9

Vienna Series in Theoretical Biology



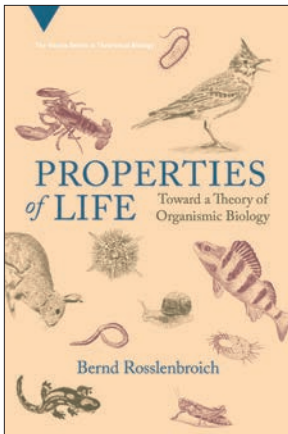
## Properties of Life

Toward a Theory of Organismic Biology

Bernd Rosslenbroich

**A coherent and comprehensive theory of life that synthesizes the specific properties of living organisms.**

Despite continued advances, science has until now struggled to describe the specific properties that define a living being.



By synthesizing several aspects of organismic biology and contemporary science, *Properties of Life* by Bernd Rosslenbroich generates a coherent concept of the singular quality of being alive—a concept that provides a crucial foundation for scientists, farmers, and medical practitioners and helps explain how we all interact with the world around us and within ourselves.

Is an organism an aggregate of parts or an integrated system

with agency? Is it a passive stimulus-response machine or a being equipped with subjectivity and consciousness? Rosslenbroich argues that the way people in different fields understand life determines their assumptions about organic function and behavior. In medicine, this extends to the human organism, which influences prevention, diagnosis, and treatment. Drawing attention to a long-standing but underappreciated line of thought in organismic biology, Rosslenbroich's original idea emphasizes the autonomy of living processes, their network characteristics, and their self-determined organization in time and structure.

A timely and revelatory book, *Properties of Life* formulates an integrated, unified theory that remains flexible enough to accommodate future developments and resilient enough to withstand the challenges of different theoretical and disciplinary backgrounds.

**Bernd Rosslenbroich** is Head of the Institute of Evolutionary Biology and Morphology at Witten/Herdecke University, Germany. Researching patterns and processes in macroevolution, organismic, and systems biology and philosophy of biology and medicine, he is the author of *On the Origin of Autonomy: A New Look at the Major Transitions in Evolution*.

biology

September | 6 x 9, 326 pp. | 40 b&w illus.

**US \$60.00X/\$79.00 CAN paperback**

978-0-262-54620-1

Vienna Series in Theoretical Biology

## Playful Wearables

Understanding the Design Space of Wearables for Games and Related Experiences

**Oğuz Buruk, Ella Dagan, Katherine Isbister, Elena Márquez Segura, and Theresa Jean Tanenbaum**

**An expert introduction to the world of “playful wearables” and their design, with a wide range of engaging examples, case studies, and exercises.**

This pioneering introduction to the world of wearable technology takes readers beyond the practical realm (think Fitbits, Apple watches, and smart glasses) to consider another important side of the technology—the playful. *Playful Wearables* offers an engaging account of what “playful wearables” are, why they matter, how they work, how they're made, and what their future might hold. The book's authors—Oğuz Buruk, Ella Dagan, Katherine Isbister, Elena Márquez Segura, and Theresa Jean Tanenbaum—draw on decades of experience in design, development, and research to offer real-world examples, exercises, and implications, showing how this kind of wearable tech can introduce an invaluable element of play into our everyday lives.

As wearable technology emerges in the ecology of costume and fashion, the authors consider its intimate connection to identity and culture. And they look at the ways in which playful wearables, when smoothly integrated into everyday social experiences, support social interaction. The book then moves on to the mechanics of playful wearables—from design strategies and frameworks to specific methods and game design patterns—the building blocks for great playful, wearable designs.

**Oğuz Buruk** is Assistant Professor of Gameful Experience, Faculty of Information Technology and Communication Sciences, Tampere University.

**Ella Dagan** is an artist, designer, and doctoral candidate at the Social Emotional Technology Lab of University of California Santa Cruz.

**Katherine Isbister** is Professor of Computational Media and Jack Baskin Endowed Chair in Engineering, University of California Santa Cruz, and author of *How Games Move Us* (MIT Press). **Elena Márquez Segura** is a Beatriz Galindo Distinguished Researcher and Assistant Professor in the Computer Science and Engineering Department at University Carlos III of Madrid.

**Theresa Jean Tanenbaum** is an independent scholar, designer, artist, and interactive storyteller.

game studies

December | 7 x 9, 248 pp. | 50 b&w illus.

**US \$35.00X/\$48.00 CAN paperback**

978-0-262-54691-1

## Mainstreaming and Game Journalism

David B. Nieborg and Maxwell Foxman

**Why games are still niche and not mainstream, and how journalism can help them gain cultural credibility.**

*Mainstreaming and Game Journalism* addresses both the history and current practice of game journalism, along with the roles writers and industry play in conveying that the medium is a “mainstream” form of entertainment. Through interviews with reporters, David Nieborg and Maxwell Foxman retrace how the game industry and journalists started a subcultural spiral in the 1980s that continues to this day. Digital play became increasingly exclusionary by appealing to niche audiences, relying on hardcore fans and favoring the male gamer stereotype. At the same time, this culture pushed journalists to the margins, leaving them toiling to find freelance gigs and deeply ambivalent about their profession.

*Mainstreaming and Game Journalism* also examines the bumpy process of what we think of as “mainstreaming.” The authors argue that it encompasses three overlapping factors. First, for games to become mainstream, they need to become more ubiquitous through broader media coverage. Second, an increase in ludic literacy, or how-to play games, determines whether that greater visibility translates into accessibility. Third, the mainstreaming of games must gain cultural legitimacy. The fact that games are more visible does little if only a few people take them seriously or deem them worthy of attention. Ultimately, *Mainstreaming and Game Journalism* provocatively questions whether games ever will—or even should—gain widespread cultural acceptance.

**David B. Nieborg** is Associate Professor of Media Studies at the University of Toronto. He is the coauthor of *Platforms and Cultural Production* with Thomas Poell and Brooke Erin Duffy. **Maxwell Foxman** is Assistant Professor of Media Studies and Game Studies at the School of Journalism and Communication at the University of Oregon.

game studies | media studies

August | 5 1/4 x 8, 224 pp. | 5 b&w illus.

**US \$30.00X/\$41.00 CAN paperback**

978-0-262-54628-7

Playful Thinking series

## Molecular Mechanisms in Materials

Insights from Atomistic Modeling and Simulation

Sidney Yip

**A critical perspective of the methods used to understand the atomic-scale mechanisms that govern the macroscopic behavior of materials.**

Machine-learning-based computation in materials innovation, performance optimization, and sustainability offers exciting opportunities at the mesoscale research frontier. *Molecular Mechanisms in Materials* presents research findings and insights about material behavior at the molecular level and its impact on macroscopic properties. The book’s fifteen essays represent author Sidney Yip’s work in atomistic modeling and materials simulation over more than five decades. The phenomena are grouped into five basic types: fluctuations in simple fluids, crystal melting, plasticity and fracture, glassy relaxations, and amorphous rheology, all focused on molecular mechanisms in base materials.

The organizing principle of *Molecular Mechanisms in Materials* is multiscale modeling and simulation, where conceptual models and simulation techniques are linked across the micro-to-macro length and time scales to control the outcome of specific materials processes. Each essay addresses a specific standalone topic of materials phenomena while also recognizing the larger context of materials science and technology. Individual case studies serve both as standalone essays and companion pieces to each other. Indeed, the global transformation of science and technology is well underway: in his epilogue, Yip discusses the potential of artificial intelligence and machine learning to enhance future materials for societal benefits in the face of global challenges such as climate change, energy sustainability, infrastructure renewal, and nuclear arms control.

**Sidney Yip** is Professor Emeritus of Nuclear Science and Engineering and Materials Science and Engineering at the Massachusetts Institute of Technology.

science | technology

October | 7 x 9, 288 pp. | 90 color illus.

**US \$50.00X/\$66.00 CAN paperback**

978-0-262-04813-2

## The Math You Need

A Comprehensive Survey of Undergraduate Mathematics

Thomas Mack

**A comprehensive survey of undergraduate mathematics, compressing four years of study into one robust overview.**

In *The Math You Need*, Thomas Mack provides a singular, comprehensive survey of undergraduate mathematics, compressing four years of math curricula into one volume. Without sacrificing rigor, this book provides a go-to resource for the essentials that any academic or professional needs. Each chapter is followed by numerous exercises to provide the reader an opportunity to practice what they learned. *The Math You Need* is distinguished in its use of the Bourbaki style—the gold standard for concision and an approach that mathematicians will find of particular interest. As ambitious as it is compact, this text embraces mathematical abstraction throughout, avoiding ad hoc computations in favor of general results.

Covering eight areas—group theory, commutative algebra, linear algebra, topology, real analysis, complex analysis, number theory, and probability and statistics—this thorough and highly effective overview of the undergraduate curriculum will prove to be invaluable to students and instructors alike.

**Thomas Mack** is a mathematician, who earned his PhD in the field of combinatorial group theory and hyperbolic groups from the California Institute of Technology. He has worked for more than fifteen years as a researcher in the areas of defense, robotics, and finance.

mathematics

October | 7 x 9, 488 pp. | 10 b&w illus.

**US \$55.00X/\$73.00 CAN paperback**

978-0-262-54632-4

## Real Life in Real Time

Live Streaming Culture

edited by **Johanna Brewer, Bo Ruberg, Amanda L. L. Cullen, and Christopher J. Persaud**

**The cultural ramifications of online live streaming, including its effects on identity and power in digital spaces.**

Some consider live streaming—the broadcasting of video and/or audio footage live online—simply an internet fad or



source of entertainment, yet it is at the center of the digital mediation of our lives. In this edited volume, Johanna Brewer, Bo Ruberg, Amanda Cullen, and Christopher Persaud present a broad range of essays that explore the cultural implications of live streaming, paying special attention to how it is shifting notions of identity and power in digital spaces.

The diverse set of international authors included represent a variety of perspectives, from digital media studies to queer studies, from human-computer interaction to anthropology, and more.

While important foundational work has been carried out by game studies scholars, many other elements of streaming practices remain to be explored. To deepen engagement with diversity and social justice, the editors have included a variety of voices on such topics as access, gender, sexuality, race, disability, harassment, activism, and the cultural implications of design aesthetics. Live streaming affects a wide array of behaviors, norms, and patterns of communication. But above all, it lets participants observe and engage with real life as it unfolds in real time. Ultimately, these essays challenge us to look at both the possibilities for harm and the potential for radical change that live streaming presents.

**Johanna Brewer** is Assistant Professor of Computer Science at Smith College and the Director of Research at AnyKey. **Bo Ruberg** is Associate Professor, Department of Film and Media Studies, University of California, Irvine. They are the author of *Sex Dolls at Sea: Imagined Histories of Sexual Technologies* (MIT Press). **Amanda L. L. Cullen** is User Researcher at Blizzard Entertainment. She received her PhD in Informatics at the University of California, Irvine. **Christopher J. Persaud** is a PhD candidate at the Annenberg School for Communication and Journalism, University of Southern California.

media studies

August | 6 x 9, 352 pp. | 28 b&w illus.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54565-5

## Distant Viewing

Computational Exploration of Digital Images

Taylor Arnold and Lauren Tilton

**A new theory and methodology for the application of computer vision methods to the computational analysis of collected, digitized visual materials, called “distant viewing.”**

*Distant Viewing* presents a new theory and methodology for the computational analysis of digital images, offering a lively, constructive critique of computer vision that you can actually use. What does it mean to say that computer vision “understands” visual inputs? Annotations never capture a whole image. The way digital images convey information requires what researchers Taylor Arnold and Lauren Tilton call “distant viewing”—a play off the well-known term “distant reading” from computational literary analysis.

Recognizing computer vision’s limitations, Arnold and Tilton’s spirited examination makes the technical exciting by applying distant viewing to the sitcoms *Bewitched* and *I Dream of Jeannie*, movie posters and other popular forms of advertising, and Dorothea Lange’s photography. In the tradition of visual culture studies and computer vision, *Distant Viewing’s* interdisciplinary perspective encompasses film and media studies, visual semiotics, and the sciences to create a playful, accessible guide for an international audience working in digital humanities, data science, media studies, and visual culture studies.

**Taylor Arnold** is Associate Professor at the University of Richmond in the interdisciplinary programs in Data Science and Linguistics. A recipient of grants from the NEH and ACLS, Arnold’s research focuses on the interdisciplinary study of how messages are communicated through texts and visual media. He has published three books, most recently *Layered Lives*.

**Lauren Tilton** is Associate Professor of Digital Humanities in the Department of Rhetoric and Communication Studies at the University of Richmond. Her research combines American Studies and digital humanities to the study of modern visual culture. She is the author of four books, including *Layered Lives*. Tilton and Arnold, run the Distant Viewing lab at the University of Richmond.

media studies | information science

October | 6 x 9, 264 pp. | 26 b&w illus.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54613-3

## From ASCII Art to Comic Sans

Typography and Popular Culture in the Digital Age

Karin Wagner

**A fresh and provocative take on typography, computing, and popular culture, viewed through four idiosyncratic typographical phenomena from the digital age.**

*From ASCII Art to Comic Sans* offers an original vision of the history of typography and computing in the digital age, viewed through the lens of offbeat typography. We often regard text as pure information and typography as a transparent art form without meaning of its own. In this book, however, Karin Wagner offers a fresh perspective that shows how text is always an image that conveys meaning, and typography, far from being meaningless, has in fact shaped modern visual and material culture in significant ways.

By juxtaposing four odd typographical phenomena—the pedantic practice of ASCII art, the curious-looking machine-readable typefaces, the blurry letters of dot matrix printers, and the much-maligned font Comic Sans—Wagner paints a vivid picture of how functional technologies influence popular culture when used in ways their original creators never intended.

Design practitioners, as well as fans of media, graphic design, type history, and computer technology, will enjoy this breezily sophisticated perspective on visual and digital culture. Spanning the material and visual aspects of typography from the 1960s to the present, *From ASCII Art to Comic Sans* is a unique contribution to the study of popular and material culture that fills a gap in the history of typography and computing.

**Karin Wagner** is Professor in Art History and Visual Studies at the Department of Cultural Sciences at the University of Gothenburg, Sweden. Researching photography, digital culture, design, and visual communication, she has published articles in *Journal of Aesthetics & Culture*, *Visual Communication*, *Museum & Society*, and *Archival Science*.

design

September | 6 x 9, 256 pp. | 83 color illus.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54614-0

## The Perception Machine

Our Photographic Future between the Eye and AI

Joanna Zylińska

**A provocative investigation of the future of photography and human perception in the age of AI.**

We are constantly photographing and being photographed while feeding machine learning databases with our data, which in turn is used to generate new images. Analyzing the transformation of photography by computation—and the transformation of human perception by algorithmically driven images, from CGI to AI—*The Perception Machine* investigates what it means for us to live surrounded by image flows and machine eyes. In an astute and engaging argument, Joanna Zylińska brings together media theory and neuroscience in a Vilém Flusser–Paul Virilio remix. Her “perception machine” names a technical universe of images and their infrastructures. But it also refers to a sociopolitical condition resulting from today’s automation of vision, imaging—and imagination.

Written by a theorist-practitioner, the book incorporates Zylińska’s own art projects, some of which have been co-created with AI. The photographs, collages, films, and installations available as part of the book (and its companion website) provide a different mode of thinking about our technological futures, at a local as well as a planetary level. Offering provocative concepts such as eco-eco-punk, AUTO-FOTO-KINO, planetary micro-vision, loser images, and sensography, the book outlines an existential philosophy of messy media for a time when our practices of imaging and self-imaging are being radically redesigned. Importantly, it also offers a new vision of our future.

**Joanna Zylińska** is Professor of Media Philosophy + Critical Digital Practice at King’s College London. The author of *Nonhuman Photography* (MIT Press) and many other books on art, technology, and ethics, she is also an artist and curator.

media studies | photography

November | 6 x 9, 288 pp. | 31 b&w illus.

**US \$45.00X/\$60.00 CAN paperback**

978-0-262-54683-6

## The Sensorium of the Drone and Communities

Kathrin Maurer

**A comprehensive overview of how civilian drones sense the world and how they build the aesthetic imaginaries of our communities.**

Drone technology has garnered critical attention across many fields, from engineering to the humanities. While the first wave of drone scholarship was key in initiating the debate on drones, it also privileged the idea of the “scopic regime”—a militarized regime of hypervisuality—in its analyses of the connection between vision and power. *The Sensorium of the Drone and Communities* broadens the drone’s spectrum of perception by acknowledging its creative, life-affirming possibility with the notion of the sensorium. The sensorium of the drone is a multimedia, synesthetic sensing assemblage in which the human agent is enmeshed with the drone. Drone sensoria can sense in many more ways than the scopic regime—with sound, touch, smell, temperature, and movement.

In *The Sensorium of the Drone and Communities*, Kathrin Maurer shows how drone sensoria can change our understanding of human communities by constructing imaginaries of social communities based on decentralized and fluid sensing processes. Maurer takes an aesthetic approach to technology, working with two understandings of aesthetics. One understanding refers to aesthetics as a way of experiencing, and it explores how the drone-human assemblage perceives the world. The other refers to aesthetic mimetic representation, and focuses on how aesthetic drone imaginaries in literature, popular culture, visual arts, and films negotiate the sensorial technology of the drone.

Bringing together key ideas in technology studies, studies of aerial views, visual and aesthetic studies, posthuman sensing, machine–human interaction, and communities, *The Sensorium of the Drone and Communities* sheds a welcome and necessary light on this technology’s creative potential as well as its dangers and risks.

**Kathrin Maurer** is Professor of Humanities and Technology at the University of Southern Denmark (SDU). She is the leader of the Center for Culture and Technology and the research cluster “Drone Imaginaries and Communities,” funded by the Independent Research Fund Denmark.

media studies

September | 6 x 9, 304 pp. | 29 b&w illus.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54590-7

## Exploring and Exploiting Genetic Risk for Psychiatric Disorders

edited Joshua A. Gordon and Elisabeth B. Binder

**An edited volume that looks at the state of psychiatric genetics and how to chart a path forward.**

In this edited collection, experts from psychiatric and statistical genetics, neurobiology, and clinical psychiatry investigate whether and how to pursue the discovery of additional genetic risk factors for mental illnesses. Using the existing knowledge and frameworks of genetic risk factors, they look at how a better understanding of the biology that underlies mental illnesses can improve and enhance the care that patients receive.

**Joshua A. Gordon** is Director of the National Institute of Mental Health (NIMH) and Chief of the Integrative Neuroscience Section at the National Institute of Neurologic Disorders and Stroke (NINDS). **Elisabeth B. Binder** is a director and scientific member at the Max Planck Institute of Psychiatry.

psychology | medicine

October | 6 x 9, 376 pp. | 15 color illus., 4 b&w illus., 3 halftones

**US \$70.00X/\$92.00 CAN paperback**

978-0-262-54738-3

Strüngmann Forum Reports

## The Brain in Motion

From Microcircuits to Global Brain Function

Sten Grillner

**An evolutionary perspective— from lampreys to humans— on how the forebrain coordinates movement while the networks in the brainstem and spinal cord handle the execution.**

All living creatures interact with their environment: even the most basic have a set of innate motor circuits they rely on to feed, locomote, fight, and flee. In *The Brain in Motion*, Sten Grillner describes the evolution of the motor repertoire of vertebrates, from protovertebrates to primates. With breadth and depth, Grillner explores how the brain uses the different microcircuits in the brainstem and spinal cord, coordinating them through commands from the forebrain. He also considers the normal function of the brain as a platform for understanding clinical conditions such as stroke, Parkinson's and Huntington's diseases, and spinal cord injury.

Grillner also explains in *The Brain in Motion* how the remarkable finding that the lamprey forebrain has all the components of the mammalian one has radically changed scientists' views on the evolutionary origin of the vertebrate forebrain. We now know that the basic organization evolved 560 rather than 300 million years ago, as was previously thought. The forebrain, says Grillner, is like an orchestra conductor, while the microcircuits, with their reaching, grasping, posture, locomotion, and numerous other patterns of behavior, correspond to the members of the orchestra. The conductor determines when each will be called into action.

Providing an elegantly integrated perspective, *The Brain in Motion* is essential reading for anybody that works professionally with movement control and function and dysfunction, whether in basic research, clinically, or in the training of motor skills.

**Sten Grillner** is Distinguished Professor at the Karolinska Institute in Sweden and previous head of the Nobel Institute for Neurophysiology.

neuroscience

October | 6 x 9, 286 pp. | 73 color illus.

**US \$60.00X/\$79.00 CAN paperback**

978-0-262-04820-0

## Person, Thing, Robot

A Moral and Legal Ontology for the 21st Century and Beyond

David J. Gunkel

**Why robots defy our existing moral and legal categories and how to revolutionize the way we think about them.**

Robots are a curious sort of thing. On the one hand, they are technological artifacts—and thus, things. On the other hand, they seem to have social presence, because they talk and interact with us, and simulate the capabilities commonly associated with personhood. In *Person, Thing, Robot*, David Gunkel sets out to answer the vexing question: What exactly is a robot? Rather than try to fit robots into the existing categories by way of arguing for either their reification or personification, however, Gunkel argues for a revolutionary reformulation of the entire system, developing a new moral and legal ontology for the twenty-first century and beyond.

In this book, Gunkel investigates how and why efforts to use existing categories to classify robots fail, argues that “robot” designates an irreducible anomaly in the existing ontology, and formulates an alternative that restructures the ontological order in both moral philosophy and law. *Person, Thing, Robot* not only addresses the issues that are relevant to students, teachers, and researchers working in the fields of moral philosophy, philosophy of technology, science and technology studies (STS), and AI/robot law and policy, but it also speaks to controversies that are important to AI researchers, robotics engineers, and computer scientists concerned with the social consequences of their work.

**David J. Gunkel** is Presidential Research, Scholarship, and Artistry Professor in the Department of Communication at Northern Illinois University. He is the author of *Robot Rights, Of Remixology: Ethics and Aesthetics after Remix*, and *The Machine Question: Critical Perspectives on AI, Robots, and Ethics* (all MIT Press).

philosophy | robotics

September | 6 x 9, 256 pp. | 9 b&w illus.

**US \$45.00X/\$60.00 CAN paperback**

978-0-262-54615-7

## Dispositif

A Cartography

edited by Greg Bird and Giovanbattista Tusa

**A groundbreaking anthology that places dispositifs (“apparatuses”) at the center of contemporary thought.**

Dispositif is one of the most prevalent yet elusive terms in contemporary thought. This comprehensive anthology brings together formative, germinal, and contemporary texts and visual applications to illuminate how central dispositifs are to contemporary theory. Greg Bird and Giovanbattista Tusa’s selection and placement of critical texts invite readers to explore common themes and genealogies, different interpretations and readings, and their diverse deployments across multiple disciplines and genres by such figures as Karl Marx, Franz Kafka, Judith Butler, Martin Heidegger, Gilbert Simondon, Michel Foucault, Edward Said, Jasbir Puar, Donna Haraway, Giorgio Agamben, Jacques Derrida, Tiqqun, Claire Fontaine, and many others.

*Dispositif* is a true toolbox for the development of technological ecology thinking that accounts for situated knowledge. This collection provides coordinates for reorienting oneself in a permanently changing world, offering possible roadmaps for navigating these profoundly uncertain times. More than just a compilation of interventions on the dispositif, this volume acts as a guide for understanding the complex interaction between technology, philosophy, and the languages of the arts and media.

**Greg Bird** is Associate Professor at Wilfrid Laurier University, Canada. He is a contemporary social and political theorist. His first book, *Containing Community*, won the 2017 Symposium Book Award (Canadian Society for Continental Philosophy). **Giovanbattista Tusa** is a philosopher and video artist based at the Nova University of Lisbon in Portugal, where he coordinates the research program X-CENTRIC FUTURES. He is a coauthor, with Alain Badiou, of *The End*.

philosophy | literary criticism

December | 7 x 9, 528 pp. | 5 b&w illus.

**US \$50.00X/\$66.00 CAN paperback**

978-0-262-54433-7

## May We Make the World?

Gene Drives, Malaria, and the Future of Nature

Laurie Zoloth

**An in-depth look at genetic alteration in the natural world and the oppositions to it, seen through the case study of a gene drive for malaria.**

*May We Make the World?* is an engaging reflection on the history, nature, goal, and meaning of using a new technological idea—CRISPR-based genetic engineering—to alter the genome of the mosquito that carries malaria. This technology, called a “gene drive,” can alter the sex ratio in *Anopheles gambiae* mosquitoes, the key vector for the deadliest form of malaria, *falciparum*. *Falciparum* kills 400,000 people a year, and among those, largely the poorest children in the world. In her sobering examination of the issue, Laurie Zoloth considers the leading ethical arguments for and against gene drives, explores the regulatory efforts that have emerged long in advance of the science, and considers the philosophical questions raised by the struggle to eliminate malaria.

The development of a gene drive for malaria will have far-reaching implications, for it represents the first use of genetic engineering of the natural world and the first creation of a genetic variant intended to spread in the African wild, beyond human control. Drawing on two decades of work, Zoloth brilliantly argues that we can understand the complex moral issues at stake only by carefully reflecting on the science, the nature of the local and global discourse about genetic engineering, and the long history of malaria, which—as it transformed from a worldwide disease to a tropical one—reshaped the world as we know it.

**Laurie Zoloth** is Margaret E. Burton Professor of Religion and Ethics at the University of Chicago. She has been president of both the American Society for Bioethics and Humanities and the American Academy of Religion and was the founding chair of the HHMI Bioethics Advisory Committee. She is the author or coeditor of nine books on bioethics, the humanities, and emerging science, including *The Human Embryonic Stem Cell Debate* (MIT Press).

bioethics | public health

December | 6 x 9, 392 pp.

**US \$55.00X/\$73.00 CAN paperback**

978-0-262-54698-0

Basic Bioethics series

## Winds of Doctrine

Studies in Contemporary Opinion

critical edition

Volume 9

**George Santayana, David E. Spiech, Martin A. Coleman, and Faedra Lazar Weiss**

introduction by Paul Forster

**A critical edition of a classic work by the renowned philosopher George Santayana evaluating key movements in American intellectual history.**

*Winds of Doctrine* presents six essays by the internationally recognized critic and philosopher George Santayana on modern philosophy and culture. The essays, edited by David Spiech, Martin Coleman, and Faedra Lazar Weiss, and introduced by Paul Forster, address the broad sweep of intellectual trends—or, as the title suggests, the ever-changing winds of thought—of the Spanish-born American thinker’s time. The topics range from the secularization of American culture to the rise of religious modernism to the “genteel tradition” in American philosophy, the subject of Santayana’s final lecture in America and perhaps his best known essay.

The original *Winds of Doctrine*, published in 1913, was the first book published after Santayana’s 1912 departure for Europe. Santayana had felt stifled at Harvard for some time, and his long-contemplated resignation from academia released him from previous obligations and allowed him a new freedom to think and write. Much later, Santayana remarked on the significance of that choice to step away: “In *Winds of Doctrine* and my subsequent books, a reader of my earlier writings may notice a certain change of climate. . . . It was not my technical philosophy that was principally affected, but rather the meaning and status of philosophy for my inner man.”

**George Santayana** (1863–1952) was a philosopher, poet, critic, and novelist. The MIT Press has published *The Letters of George Santayana* in eight books and *The Life of Reason* in five books. **David E. Spiech** has worked in commercial and academic publishing since 1999. Since 2003 he has been on the staff of the Santayana Edition at the Institute for American Thought, helping to produce the critical edition of *The Works of George Santayana*. **Martin A. Coleman** is Associate Professor of Philosophy at IU School of Liberal Arts at IUPUI. He is the editor of *The Essential Santayana* and the director and editor of the *Santayana Edition*, which is publishing *The Works of George Santayana*. **Faedra Lazar Weiss** joined the Santayana Edition as Assistant Editor in August 2018.

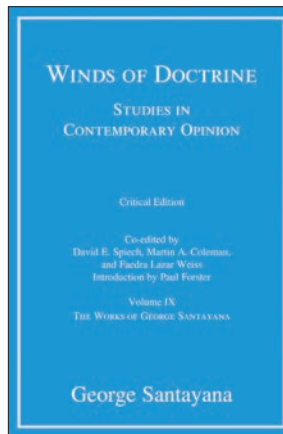
philosophy

August | 6 x 9, 448 pp. | 1 b&w illus.

**US \$75.00X/\$99.00 CAN cloth**

978-0-262-04867-5

The Works of George Santayana





## 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.**

How important is military innovation in determining outcomes during armed conflict? 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—not just because force readiness is vital but also because innovation does not provide as long-lasting and decisive an advantage as may have been previously thought.

Although other scholars have analyzed the sources of military innovation, Tattar is the first to focus on the relationship between innovation and specific military outcomes. Looking at several different types of military organizations and many different types of battles, he draws on theoretical works, in-depth historical research, and case studies, and finds that the initial advantages that are generated by innovation disappear far too rapidly in wartime for militaries to depend on them for victory. Furthermore, as Tattar demonstrates, emphasizing innovation in defense planning at the expense of organizational flexibility can have significant negative consequences. The decisive factor in successful adaptation, more often than not, is a well-positioned and flexible organization. Providing both a new framework for studying military innovation and a comprehensive review of the current literature in this field, *Innovation and Adaptation in War* offers crucial policy-making insights into when and under what circumstances militaries should innovate and adapt.

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

political science | military studies

December | 6 x 9 1/4, 288 pp. | 19 b&w illus.

**US \$35.00X/\$47.00 CAN paperback**

978-0-262-54485-6

Belfer Center Studies in International Security series

## Families on the Edge

Experiences of Homelessness and Care in Rural New England

Elizabeth Carpenter-Song

**An intimate account of rural New England families living on the edge of homelessness, as well as the practices and policies of care that fail them.**

*Families on the Edge* is an ethnographic portrait of families in rural and small-town New England who are often undercut by



the very systems that are set up to help them. In this book, author and medical anthropologist Elizabeth Carpenter-Song draws on a decade of ethnographic research to chart the struggles of a cohort of families she met in a Vermont family shelter in 2009, as they contend with housing insecurity, mental illness, and substance use. Few other works have attempted to take such a long-term view of how vulnerability to homelessness unfolds over time or to engage so

fully with existing scholarship in the fields of anthropology and health services.

Research on homelessness in the United States has been overwhelmingly conducted in urban settings, so much less is known about its trajectory in rural areas and small towns. Carpenter-Song's book identifies how specific aspects of rural New England—including scarce affordable housing stock, extremely limited transportation, and cultural expectations of self-reliance—come together to thwart opportunities for families despite their continual striving to “make it” in this environment. Carpenter-Song shines a light on the many high-stakes consequences that occur when systems of care fail and offers a way forward for clinicians, health researchers, and policymakers seeking practical solutions.

**Elizabeth Carpenter-Song** is currently Research Associate Professor in the Department of Anthropology at Dartmouth College. Her work has been published in journals ranging from *Ethos* to *Psychiatric Services* to *Journal of Social Distress and the Homeless*.

medical

August | 6 x 9, 192 pp. | 7 figures

**US \$35.00X/\$48.00 CAN paperback**

978-0-262-54618-8

Culture and Psychiatry series

## More Than a Health Crisis

Securitization and the US Response to the 2013–2016 Ebola Outbreak

Jessica Kirk

**How the West African Ebola epidemic was transformed from an urgent and distant tragedy into an existential threat to American lives—establishing the dynamics that would later dominate the US response to epidemics such as COVID-19.**

In 2014 and 2015, the viral Ebola epidemic in West Africa inspired breathless US media coverage and became the subject of heated public debate over just how to understand the security issue that the outbreak presented. Was it a security concern because of the lives at risk in West Africa? Or because of its threat to regional and global stability? Or was it potentially a threat to the American people? In *More than a Health Crisis*, Jessica Kirk reveals how these varied positions spoke to divisions within the American public, concerning how we think about and respond to uncertainty, competing expertise, and securitization.

Kirk insightfully examines how experts in different fields offered conflicting assessments of the risks posed by Ebola, and then goes on to analyze how the US press undermined the authority of the public health experts who accurately predicted that the virus posed little danger to Americans. Reading the media coverage of the Ebola epidemic as a case study in the biopolitics of fear, Kirk considers how the US response reflected not only anxieties over globalization but also long-held narratives about the “Dark Continent.” Finally, Kirk shows how the US and global public response to the Ebola outbreak challenged traditional models of securitization and identifies patterns that have tragically recurred with subsequent epidemics such as COVID-19 and monkeypox.

**Jessica Kirk** is Research Fellow in the Centre for Governance and Public Policy at Griffith University in Brisbane. She is also Chief Investigator on an ARC Discovery Project on COVID-19 and the politics of expertise, and her work has appeared in such journals as *International Studies Quarterly* and *Global Studies Quarterly*.

medicine | public health

October | 6 x 9, 240 pp. | 1 b&w illus.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54569-3

## A Woman's Right to Know

Pregnancy Testing in Twentieth-Century Britain

Jesse Olszynko-Gryn

**The history of pregnancy testing, and how it transformed from an esoteric laboratory tool to a commonplace of everyday life.**

Pregnancy testing has never been easier. Waiting on one side or the other of the bathroom door for a “positive” or “negative” result has become a modern ritual and rite of passage. Today, the ubiquitous home pregnancy test is implicated in personal decisions and public debates about all aspects of reproduction, from miscarriage and abortion to the “biological clock” and IVF. Yet, only three generations ago, women typically waited not minutes but months to find out whether they were pregnant. *A Woman's Right to Know* tells, for the first time, the story of pregnancy testing—one of the most significant and least studied technologies of reproduction.

Focusing on Britain from around 1900 to the present day, Jesse Olszynko-Gryn shows how demand shifted from doctors to women, and then goes further to explain the remarkable transformation of pregnancy testing from an obscure laboratory service to an easily accessible (though fraught) tool for every woman. Lastly, the book reflects on resources the past might contain for the present and future of sexual and reproductive health.

Solidly researched and compellingly argued, Olszynko-Gryn demonstrates that the rise of pregnancy testing has had significant—and not always expected—impact and has led to changes in the ways in which we conceive of pregnancy itself.

**Jesse Olszynko-Gryn** is a historian of science, technology, and medicine at the University of Strathclyde in Glasgow. As co-lead on the internationally collaborative research project “Risky Hormones,” he works with patient groups to investigate the contested science and politics of birth defects in the post-thalidomide world.

public health | history of medicine

December | 6 x 9, 416 pp. | 117 color illus., 14 b&w illus.

**US \$50.00X/\$66.00 CAN paperback**

978-0-262-54439-9

Inside Technology series

## A Place for Science and Technology Studies

Observation, Intervention, and Collaboration

Jane Calvert

**An exploration of science and technology studies in eight different places, and the possibilities that arise for observation, intervention, and collaboration.**

Where does science and technology studies (STS) belong? In *A Place for Science and Technology Studies*, Jane Calvert takes readers through eight different rooms—the laboratory, the conference room, the classroom, the coffee room, the art studio, the bioethics building, the policy room, and the ivory tower—investigating the possibilities and limitations of each for STS research.

Drawing from over a decade of work in synthetic biology, Calvert explores three different orientations for STS—observation, intervention, and collaboration—to ask whether there is a place for STS, which, as an undisciplined field, often finds itself on the periphery of traditional institutions or dependent on more generously funded STEM disciplines. Using examples of failures and successes and tackling enduring concerns about the relations between social scientific researchers and their fields of study, Calvert argues for an approach to STS that is collaborative yet allows for autonomy.

**Jane Calvert** is Professor of Science and Technology Studies at the University of Edinburgh. She is the coauthor of *Synthetic Aesthetics: Investigating Synthetic Biology's Designs on Nature* (MIT Press).

science & technology studies | education

January | 6 x 9, 240 pp. | 10 b&w illus.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54694-2

## Dare to Invent the Future

Knowledge in the Service of and through Problem-Solving

Clapperton Chakanetsa Mavhunga

**A rallying manifesto for the innovative problem-solving we need to build a better, more verdant, and sustainable planetary existence.**

Academics are letting Africa down. With all that we know, what do we have to show for it? Whose lives have been changed for the better by it? What have we done for and with our communities lately? In this provocative book—the first in a trilogy—Clapperton Chakanetsa Mavhunga argues that our critical thinkers must become actual thinker-doers. Taking its title from one of Thomas Sankara's most inspirational speeches, *Dare to Invent the Future* looks for moments in Africa's story where precedents of critical thought and knowledge in service of problem-solving are evident to inspire readers to dare to invent such a knowledge system.

Mavhunga revisits insights from Edward Wilmot Blyden, Booker T. Washington, Aimé Césaire, Frantz Fanon, Amílcar Cabral, Julius Nyerere, and Sankara to illustrate how the academic disciplines have been, and could be, deployed in the service of and through problem-solving, building on what people are doing and know. At its core, he writes, knowledge in the service of and through problem-solving derives from reading the past for new questions, doing due diligence on the present, and contriving an anticipatory approach toward the future.

Questioning the fundamental premises of Western and white knowledge production, especially regarding science and technology, Mavhunga proposes in this book refreshingly new approaches to thinking-doing that stem from African realities, in the hopes of inspiring a generation that will run toward, not away from, problems to solve them.

**Clapperton Chakanetsa Mavhunga** is Professor of Science, Technology, and Society at MIT. He is the author of *The Mobile Workshop* and *Transient Workspaces* and the editor of *What Do Science, Technology, and Innovation Mean from Africa?* (all published by MIT Press). He is also the founding director of Nyamudira Hills Research || Design || Build (RDB), a catalytic space that provides science and engineering support to rural communities in Zimbabwe and the African continent.

technology

November | 7 x 9, 368 pp. | 50 b&w illus.

**US \$65.00X/\$86.00 CAN paperback**

978-0-262-54686-7

Global South Cosmologies and Epistemologies series

## No Heavenly Bodies

A History of Satellite Communications Infrastructure

Christine E. Evans and Lars Lundgren

**The compelling and little-known history of satellite communications that reveals the Soviet and Eastern European roles in the development of its infrastructure.**

Taking its title from Hannah Arendt's description of artificial earth satellites, *No Heavenly Bodies* explores the history of the first two decades of satellite communications. Christine Evans and Lars Lundgren trace how satellite communications infrastructure was imagined, negotiated, and built across the Earth's surface, including across the Iron Curtain. While the United States' and European countries' roles in satellite communications are well documented, Evans and Lundgren delve deep into the role the Soviet Union and other socialist countries played in shaping the infrastructure of satellite communications technology in its first two decades.

Departing from the Cold War binary and the competitive framework that has animated much of space historiography and telecommunications history, *No Heavenly Bodies* focuses instead on interaction, cooperation, and mutual influence across the Cold War divide.

Evans and Lundgren describe the expansion of satellite communications networks as a process of negotiation and interaction, rather than a simple contest of technological and geopolitical prowess. In so doing, they make visible the significant overlaps, shared imaginaries, points of contact and exchange, and negotiated settlements that determined the shape of satellite communications in its formative decades.

**Christine Evans** is Associate Professor of History at the University of Wisconsin-Milwaukee. Her first book, *Between Truth and Time: A History of Soviet Central Television*, received an Honorable Mention for the 2017 USC Book Prize in Literary and Cultural Studies. **Lars Lundgren** is Associate Professor of Media and Communication Studies at Södertörn University. His work has been published in *Media History*, *European Journal of Cultural Studies*, and *International Journal of Communication*.

history of technology | communication studies

November | 6 x 9, 256 pp. | 9 color illus., 18 b&w illus.

**US \$40.00X/\$54.00 CAN paperback**

978-0-262-54690-4

Infrastructures series

## Rational Accidents

Reckoning with Catastrophic Technologies

John Downer

**An unflinching look at the unique challenges posed by complex technologies we cannot afford to let fail—and why the remarkable achievements of civil aviation can help us understand those challenges.**

Nuclear reactors, deep-sea drilling platforms, deterrence infrastructures—these are all complex and formidable technologies with the potential to fail catastrophically. In *Rational Accidents*, John Downer outlines a new perspective on technological failure, arguing that undetectable errors can lurk in even the most rigorous and “rational” assessments of these systems due to the inherent limits of engineering tests and models. Building on this, Downer finds that it should be impossible, from an epistemological viewpoint, to achieve the near-perfect reliability we require of our most safety-critical technologies. There is, however, one such technology that demonstrably appears to achieve these “impossible” reliabilities: jetliners.

Downer looks closely at civil aviation and how it has reckoned with the problem of failure. He finds that the way we conceive of jetliner reliability hides the real practices by which it is achieved. And he shows us why those practices are much less transferrable across technological domains than we are led to believe. Fully understanding why jetliners don't crash, he concludes, should lead us to doubt the safety of other “ultra-reliable” technologies.

A unique and sobering exploration of technological reliability from an STS perspective, *Rational Accidents* is essential reading for understanding why our most safety-critical technologies are even more dangerous than we believe.

**John Downer** is Senior Lecturer in Risk and Resilience at the University of Bristol.

technology | science and technology studies

January | 6 x 9, 336 pp. | 8 b&w illus.

**US \$50.00X/\$66.00 CAN paperback**

978-0-262-54699-7

Inside Technology series

## Making Meaning with Machines

Somatic Strategies, Choreographic Technologies, and Notational Abstractions through a Laban/Bartenieff Lens

Amy LaViers and Catherine Maguire

**A rigorous primer in movement studies for designers, engineers, and scientists that draws on the fields of dance and robotics.**

How should a gestural interface react to a “flick” versus a “dab”? Versus a “punch”? Should robots reach out to a human counterpart with a direct, telescoping action or through a circuitous arc in space? Just as different movements express the different internal states of human movers, so too can the engineered systems behind robots. In *Making Meaning with Machines*, Amy LaViers and Catherine Maguire offer a refreshingly embodied approach to machine design that supports the growing need to make meaning with machines by using the field of movement studies, including choreography, somatics, and notation, to engage in the process of designing expressive robots.

Drawing upon the Laban/Bartenieff tradition, LaViers and Maguire sharpen the movement analysis methodology, expanding the material through their work with machines and putting forward new conventions, such as capitalization, naming, and notation schemes, that make the embodied work more legible for academic contexts. The book includes an overview of movement studies, exercises that define the presented taxonomy and principles of movement, case studies in movement analysis of both humans and robots, and state-of-the-art research at the intersection of robotics and dance.

*Making Meaning with Machines* is a much-needed primer for observing, describing, and creating a wide array of movement patterns, which ultimately can help facilitate broader and better design choices for roboticists, technologists, and designers.

**Amy LaViers** runs the Robotics, Automation, and Dance Lab, a Philadelphia-based nonprofit for art-making, commercialization, education, outreach, and research. **Catherine (Cat) Maguire** has been teaching in the Laban/Bartenieff Movement System for over 40 years and works as a faculty member of WholeMovement, a coterie of movement analysts working together to promote movement studies globally. She also teaches ongoing movement classes at McGuffey Art Center in Charlottesville, Virginia.

computer science | robotics

October | 6 x 9, 408 pp. | 60 b&w illus.

**US \$55.00X/\$73.00 CAN paperback**

978-0-262-54612-6

## Shifting Gears

Toward a New Way of Thinking about Transportation

Susan Handy

**An expertly woven history and critique of the ideas shaping transportation in the United States.**

Excruciating traffic jams. Struggling transit agencies. An epidemic of pedestrian fatalities. It is clear that transportation is not working in the United States and that we need to rethink our approach. In *Shifting Gears*, Susan Handy provides an in-depth history of the ideas embedded in American transportation policy and the emergence of new ways of thinking that could give us better transportation options. Weaving in bits of her own personal narrative, Handy gives readers a deeper and clearer understanding of our transportation system and the roots of its successes and failures.

Handy covers the myriad costs of car ownership, the futility of expanding highways, and the misplaced faith in technological innovation. She offers new ideas and strategies that can improve the health of our car-centric transportation system—most crucially, the idea that communities across the country must create an array of choices for daily travel. *Shifting Gears* asserts that a diverse transportation ecosystem is essential for creating more just, sustainable communities, but getting there will take a dramatic shift in how we think about transportation.

**Susan Handy** is Distinguished Professor of Environmental Science and Policy and Director of the National Center for Sustainable Transportation at the University of California, Davis, where she also chairs the graduate program in Transportation Technology and Policy.

transportation | urban studies

October | 6 x 9, 288 pp. | 39 b&w illus.

**US \$35.00X/\$48.00 CAN paperback**

978-0-262-54696-6

# The Infrastructural South

Techno-Environments of the Third Wave  
of Urbanization

Jonathan Silver

**An in-depth look at the infrastructural landscape of Africa amid the third wave of urbanization, drawing on case studies from Africa and extending further afield.**

*The Infrastructural South* represents a major theoretical contribution to the study of infrastructure's role in the third wave of urbanization centered on Africa. Based on over a decade of empirical research, Jonathan Silver's sweeping examination probes many of contemporary urbanism's most exciting and pressing issues through the lens of the Global South. Focusing on Uganda, Ghana, and South Africa, Silver's conceptually innovative chapters explore the way access to energy, water, sanitation, transit, and information technologies shape everyday life as they map the dynamic relations between cities, technology, and the environment.

Pushing readers to look at the wider worlds that suffuse urban systems, this theoretical and geographical perspective treats Africa's rapidly transforming towns and cities as complex sites of disruption, emancipation, and contradiction. In doing so, it shows how the proliferating urbanisms and contested techno-environments arise from shifting priorities in infrastructure planning, politics, and financing gaps.

As urban issues become a key twenty-first-century challenge for Africa, Silver offers a comprehensive reworking of our understanding of urbanization. *The Infrastructural South* rethinks how global scholarship approaches infrastructure, laying pathways for future research at the intersection of technology, environmental urbanism, and urban politics.

**Jonathan Silver** is Senior Research Fellow at the Urban Institute, University of Sheffield. A trained urban geographer, he has been awarded grants from the Leverhulme Trust, European Research Council, and UK ESRC.

urban studies

October

6 x 9, 336 pp.

54 b&w illus.

**US \$45.00X/\$60.00 CAN paperback**

978-0-262-54687-4

Infrastructures series

# This Is Not a Feminism Textbook

edited by Catherine Rottenberg

**The best feminist scholars from around the world on key debates and concerns ranging from motherhood, home, and family to media, technology, and medicine.**

The work of feminism to help create a more just and equal society is not yet done. Despite the many advances made so far, women still experience violence and inequality in the home and workplace, and in many parts of the world, women's bodies and behavior are strictly controlled and readily punished. In the current context, in which technology is advancing faster than the pace of social change, feminism and associated political movements are more important than ever.

*This Is Not A Feminism Textbook* brings together the best feminist scholars from around the world and distils their expertise for a general reader. In engaging, jargon-free, accessible prose, the reader is offered a map of the key debates and concerns ranging from motherhood, home, and family to media, technology, and medicine. This book is for everyone who is curious about the sex/gender distinction, the relation between gender and other aspects of identity, and the meaning of post- and popular feminism. Are smart homes really smart? Will technology save the world? This book informs the current generation so that they can guide the next.

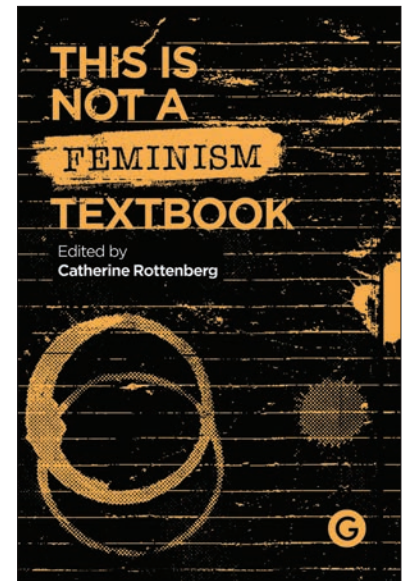
**Catherine Rottenberg** is Professor in American & Canadian Studies, University of Nottingham. Before this she spent two years as Marie Curie EU fellow at Goldsmiths, University of London, where she completed a project examining the rise of neoliberal feminism.

social science

October  
6 x 9, 160 pp.  
25 b&w illus.

**US \$19.95T/\$25.95 CAN paperback**

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Heather Berg

## The Ghost Reader

Recovering Women's Contributions to Media Studies

Elena D. Hristova, Aimee-Marie Dorsten,  
and Carol A. Stabile

**The scholarship, research, and criticism of women who developed key theories of communication and methods for the study of media.**

*The Ghost Reader* offers a fresh perspective on the intellectual history of the field of media studies, a broad scholarly field that encompasses the interdisciplinary and overlapping fields of media studies, cultural studies, and communication studies. By recovering the work of the diverse group of women who labored at the margins of media studies as it took shape during the formative years of communication research between the 1930s and the 1950s, and providing scholarly contexts for this work, *The Ghost Reader* shows that “intersectional considerations” were key modes

of engagement for intellectuals, academics, and activists who happened to be women. They did so decades before feminist perspectives were reintegrated into histories of the field.

**Elena D. Hristova** is Lecturer in the School of Arts, Culture & Language, Bangor University, Wales. **Aimee-Marie Dorsten** is Associate Professor of Journalism and Mass Communication at Point Park University. **Carol A. Stabile** is Professor of Women's, Gender, and Sexuality Studies and Associate Dean for Strategic Initiatives for the College of Arts and Sciences at the University of Oregon. She is the author of *Feminism and the Technological Fix*, *White Victims, Black Villains: Gender, Race, and Crime News in US Culture*, and other books.

media studies

October | 6 x 9, 224 pp.

**US \$34.95T/\$45.95 CAN paperback**

978-1-913380-74-8



## The Other Shore

Hoa Pham

**When the dead begin speaking to sixteen-year-old Kim Nguyen, her peaceful childhood is over.**

A delicate meditation on the nature of ghosts, belief, and how the future is shaped by the past. When the dead begin speaking to sixteen-year-old Kim Nguyen, her peaceful childhood is over. Suddenly everyone wants to exploit her new talent—her family, the Vietnamese government, and even the spirits themselves.



**Hoa Pham** is the author of several books and two plays. Her most recent publication is *Empathy*, also published by Goldsmiths Press under the Gold SF imprint. She is also the founder of *Peril Magazine*, an Asian-Australian online arts and culture magazine. Hoa lives in Melbourne, Australia.

science fiction

September | 5 x 7 1/4, 224 pp.

**US \$24.95T/\$33.95 CAN paperback**

978-1-913380-82-3

Gold SF



## Experimental Translation

The Work of Translation in the Age of Algorithmic Production

Lily Robert-Foley

**The history and future of an alternative, oppositional translation practice.**

The threat of machine translation has given way to an alternative, experimental practice of translation that reflects upon and hijacks traditional paradigms. In much the same way that photography initiated a break in artistic practices with the threat of an absolute fidelity to the real, machine translation has paradoxically liberated human translators to err, to diverge, to tamper with the original, blurring creation and imitation with cyborg collage and appropriation.

Seven chapters reimagine seven classic “procedures” of translation theory and pedagogy: loan, calque, literal translation, transposition, modulation, equivalence, and adaptation, updating them for the material political and poetical concerns of the contemporary era. Each chapter combines reflections from translation studies and experimental literature with practical guides, sets of experimental translation “procedures” to try at home or abroad, in the classroom, the laboratory, the garden, the dance hall, the city, the kitchen, the library, the shopping center, the supermarket, the train, the bus, the airplane, the post office, on the radio, on your phone, on your computer, and on the internet.

**Lily Robert-Foley** has moved back and forth between the US and France: from San Francisco where she was born to Montpellier where she is Maitresse de conférences, Université Paul-Valéry Montpellier 3 in the Département d’Etudes Anglophones.

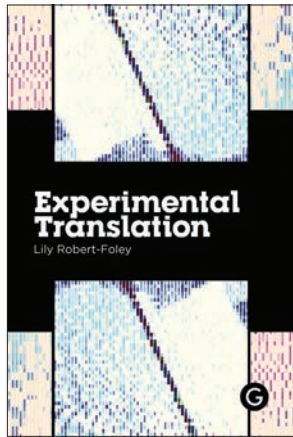
language & linguistics

October | 5 3/4 x 8, 248 pp.

**US \$34.95T/\$45.95 CAN paperback**

978-1-913380-70-0

Practice as Research series



## Familiar Faces

Photography, Memory, and Argentina’s Disappeared

edited by Piotr Cieplak

**An exploration of the rich and varied relationship between photography and the most recent Argentine dictatorship.**

*Familiar Faces* offers a diverse, theoretically rich, and empirically informed exploration of photography in Argentina’s memorial, political, and artistic landscape.

During the country’s most recent civic-military dictatorship (1976–1983), 30,000 people were disappeared or killed by the state. Over the decades, vernacular and professional photographs have been central to the Argentine struggle for justice. They were used not only to protest the disappearances under the dictatorship and to denounce the authorities, but also as tools of political and social activism, and for remembering the disappeared.

With contributions from leading Argentina-based anthropologists, ethnographers, curators, art scholars, media researchers, and photographers, *Familiar Faces* moves beyond the traditional considerations of representation, focusing instead on the ways in which photography is continuously reimagined as a tool of memory, mourning, and political and judicial activism. In so doing, it considers the diverse uses of press photography; artistic practice; photographs of the disappeared in domestic rituals; photographs of the inmates of torture centers; the reclamation of images taken by the dictatorial state for memorial and activist purposes.

Written and published at a crucial moment in Argentine memory politics, *Familiar Faces* offers a geographically and formally diverse selection of case studies, with international as well as regional resonance. While firmly rooted in this national context, the book contributes to wider, global debates about the increasingly pervasive role of the photographic image in relation to state-sponsored violence.

**Piotr Cieplak** is a filmmaker, writer, and academic. Prior to joining the University of Sussex as Senior Lecturer in Filmmaking, he held positions at SOAS, Africa Research Institute, and Brunel University London. Piotr’s films have won awards and screened widely at international film festivals, conferences, and on television.

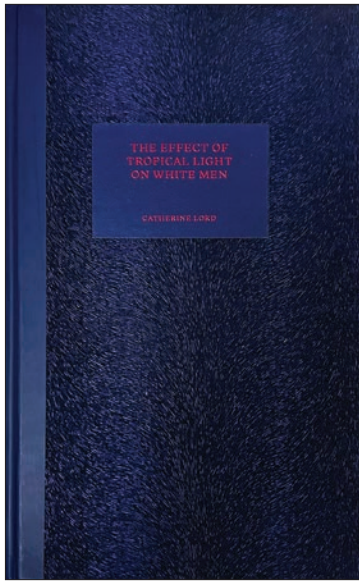
photography | latin american studies

October | 6 x 9, 192 pp. | 30 b&w illus.

**US \$39.95T/\$53.95 CAN paperback**

978-1-913380-76-2





## The Effect of Tropical Light on White Men

Catherine Lord

**An investigation of memory, both personal and national, that broadens the dialogue on colonialism, complicity, and cultural property.**

In March 2001, artist and writer Catherine Lord returned to the Commonwealth of Dominica, one of the more insignificant of the fifty-nine colonies of the British Empire, and the place where she was born in 1949. On the last day of her stay, Lord was loaned three leather-bound ledgers, the commonplace books of Dr. Henry Alfred Alford Nicholls, a botanist, physician, and plantation owner on the island from the 1870s until his death in 1926. Throughout the ledgers, Nicholls stored quotations from his readings under headings that he invented, from abuse to coffee, errors to manners, praise to woman.

In *The Effect of Tropical Light on White Men*, a title appropriated from an obscure eugenics tract, Lord takes Nicholls's headings as the framework for a bellicose, mordant, and often wry critique of power relations between colonizer and colonized, public and private, image and word. In over 300 entries, she takes an unflinching look at artists like Agostino Brunias, patrons like politician and sugar plantation owner Sir William Young, novelists like Jean Rhys, forced to leave her home island for England; a portrait of a Creole white by a lesbian Polish Jew, and a possibly bootlegged copy of Heinrich von Angeli painting of Queen Victoria.

Catherine Lord fills her commonplace book with analyses of paintings and poems, anecdotes about her own upbringing details from slave registries housed in the National Archives, and anti-racist, post-colonial, and queer texts. Through its nuanced explorations of visual culture and novel approach to art historical study, *The Effect of Tropical Light on White Men* broadens the dialogue on colonialism, complicity, and cultural property.

**Catherine Lord**, Professor Emerita of Art at the University of California, Irvine, and former Dean of the School of Art at the California Institute of the Arts, is an artist and creative nonfiction writer who now lives in New York.

art | cultural studies

August  
7 1/4 x 11 3/4, 408 pp.  
1075 color illus.

**US \$45.00T/\$60.00 CAN cloth**  
978-1-949484-10-6

# Alien Daughters Walk Into the Sun

An Almanac of Extreme Girlhood

Jackie Wang

**The early writings of renowned poet and critical theorist Jackie Wang, drawn from her early zines, indie-lit crit, and prolific early 2000s blog.**

Compiled as a field guide, travelogue, essay collection, and weather report, *Alien Daughters Walk Into the Sun* traces Jackie Wang's trajectory from hard femme to Harvard, from dumpster dives and highway bike rides to dropping out of an MFA program, becoming a National Book Award finalist, and writing her trenchant book *Carceral Capitalism*. *Alien Daughters* charts the dream-seeking misadventures of an "odd girl" from Florida who emerged from punk houses and early Tumblr to become the powerful writer she is today. Anarchic and beautifully personal, *Alien Daughters* is a strange intellectual autobiography that demonstrates Wang's singular self-education: an early life lived where every day and every written word began like the Tarot's Fool, with a leap of faith.

**Jackie Wang** is a poet, scholar, multimedia artist, and Assistant Professor of American Studies and Ethnicity at the University of Southern California. She is the author of the poetry collection *The Sunflower Cast a Spell to Save Us from the Void* (2021), which was a finalist for the National Book Award; the critical essay collection *Carceral Capitalism* (Semiotext(e), 2018); and the chapbooks *The Twitter Hive Mind Is Dreaming* (2018) and *Tiny Spelunker of the Oneiro-Womb* (2016). Her research is on racial capitalism, surveillance technology, and the political economy of prisons and police.

essay | memoir

November

5 1/2 x 8, 360 pp.

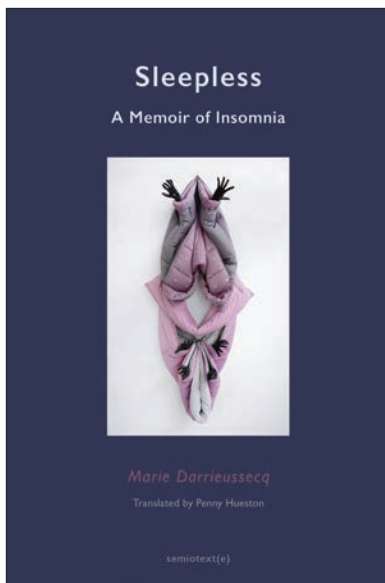
20 b&w illus.

**US \$17.95T/\$24.95 CAN paperback**

978-1-63590-192-4

Native Agents series





## Sleepless

A Memoir of Insomnia

Marie Darrieussecq

translated by Penny Hueston

**A restless inquiry into the cultural and psychic sources of insomnia by one of contemporary French literature's most elegant voices.**

Plagued by insomnia for twenty years, Marie Darrieussecq turns her attention to the causes, implications, and consequences of sleeplessness: a nocturnal suffering that culminates at 4 a.m. and then defines the next day. “Insomniac mornings are dead mornings,” she observes. Prevented from falling asleep by her dread of exhaustion the next day, Darrieussecq turns to hypnosis, psychoanalysis, alcohol, pills, and meditation. Her entrapment within this spiraling anguish prompts her inspired, ingenious search across literature, geopolitical history, psychoanalysis, and her own experience to better understand where insomnia comes from and what it might mean. There are those, she writes, in Rwanda, whose vivid memories of genocide leave them awake and transfixed by complete horror; there is the insomnia of the unhoused, who have nowhere to put their heads down. The hyperconnection of urban professional life transforms her bedroom from a haven to a dormant electrified node.

Ranging between autobiography, clinical observation, and criticism, *Sleepless* is a graceful, inventive meditation by one of the most daring, inventive novelists writing today.

**Marie Darrieussecq** is one of the leading voices in contemporary French literature. Her first novel, *Pig Tales*, was a finalist for France's prestigious Prix Goncourt in 1996 and became an international bestseller. Her 2013 novel *Men: A Novel of Cinema and Desire* received the Prix Médicis, and her luminous, voluptuous portrait of the artist Paula Modersohn-Becker, *Being Here Is Everything*, was published in English by Semiotext(e) in 2017. Darrieussecq has also worked as a translator and a psychoanalyst.

literary nonfiction

September  
5 1/2 x 8, 320 pp.  
115 b&w illus.

**US \$17.95T/\$23.95 CAN paperback**

978-1-63590-177-1

for sale in North America only

Native Agents series

“An exhilarating book that kept me up and got me thinking.”

—**Le Canard Enchaîné**

“A funny, moving, metaphysical, and novelistic self-portrait that is also a portrait of our times.” —**Elle**

“*Sleepless* reaches far into our sleepless nights... The result is a masterful work on the art of sleep.” —**Les Inrockuptibles**

“A personal meditation that opens your eyes, in every sense of the word... Beware: this book may make you lose sleep!”

—**Ouest France**

“An exciting and poetic work, both an intimate narrative and a meditative essay.” —**Télérama**

“A hypnotic, inexhaustible book.”

—**Philosophie Magazine**

# Artless

Stories 2019–2023

Natasha Stagg

**A document of New York from an author too close to the story to be a trustworthy eyewitness.**

Composed of stories, fragmentary essays, and even press releases Natasha Stagg has been commissioned to write, *Artless* captures the media landscape lived and generated in New York during the past almost-decade. Since the 2016 publication of her debut novel *Surveys*, Stagg has positioned herself as an in-demand expert on—and critic of—the psychic experience of self-mythology within the cruelly optimistic metaverse of infinite branding. Part voyeur and part participant, Stagg continues her exploration of the branded identity and its elusive, bottomless desire for authenticity.

**Natasha Stagg** is the author of a novel, *Surveys*, and a collection, *Sleeveless: Fashion, Image, Media, New York 2011–2019*. Her essays have appeared in the books *Excellences and Perfections*, *Link in Bio: Art After Social Media*, *You Had To Be There: Rape Jokes*, *Intersubjectivity Vol. II: Scripting the Human*, and 9th Berlin Biennale for Contemporary Art: *The Present in Drag*, among others.

literary nonfiction

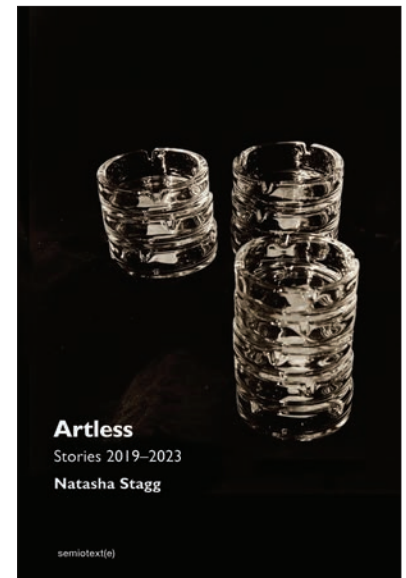
October

5 1/2 x 8, 200 pp.

**US \$16.95T/\$22.99 CAN paperback**

978-1-63590-190-0

Native Agents series



## Earlier

Sasha Frere-Jones

**Sasha Frere-Jones's evolution as a writer and musician with the deceptively casual intelligence that marks all of his work.**

Shuttling between his first year of life (1967) and the year he wrote the book (2020), *Earlier* is a glorious sequence of moments, a record of the experiences that set the shape of a life. Frere-Jones's prose floats between clinically precise fragments and emotional impressions of revelations, pleasures, and accidents. It's a book about how lives happen and sensibilities form.



As fellow music critic Alex Ross observes, “It is weird to write a book about yourself, as this book is well aware. Gazing in the mirror is not mass entertainment. Sasha

Frere-Jones, a writer of nonchalant, rope-a-dope power, drops the illusion of self-knowledge and instead offers up a kaleidoscope of memory shards, faithful to the chaos of inner and outer worlds. *Earlier* is funny, cool, raw, wise, and secretly sublime.”

Began in 2010, *Earlier* was completed at the request of Deborah Holmes, to whom the book is dedicated. Holmes is the mother of Frere-Jones's two boys, Sam and Jonah. Diagnosed with pancreatic cancer in July of 2020, Holmes died in January of 2021. *Earlier* is the last book she read. Frere-Jones says, “Deborah was the most enthusiastic reader I've ever met. She read when she wasn't doing something else, and that never changed. She asked me to write this when we met, in 1990. I am sorry I made her wait so long.”

**Sasha Frere-Jones** grew up in Fort Greene, Brooklyn. His play, *We Three Kings*, was recognized by the Young Playwrights Festival in 1983 and performed at The Public Theater. He completed a short film called *The Take* in 1986. His first band, Dolores, completed two albums in the Eighties, and he is a member of Ui, whose work is available through The Numero Group. Frere-Jones plays with Body Merta, who record for Hausu Mountain, as well as Calvinist and Fellas. He has written about music and books since 1994, and lives in the East Village with his wife, Heidi DeRuiter.

memoir

October | 5 1/2 x 8, 184 pp.

**US \$16.95T/\$22.99 CAN paperback**

978-1-63590-196-2

Native Agents series

## The Footlights

Serge Daney

translated by Nicholas Elliott

**The early essays of the most influential French film critic of the post-68 period.**

*The Footlights* (1983) was the first book by Serge Daney, a film critic admired in his lifetime by Gilles Deleuze and Jean-Luc Godard and recognized since his premature death in 1992 as the most important French writer on film after André Bazin. *The Footlights* stands apart in Daney's body of work as the only collection of his essays he conceived of as a book, organizing his seminal pieces from *Cahiers du Cinéma* by theme and linking them with original texts that reflect in a personal voice on the doubts, battles, and illuminations of a generation of film lovers inspired by the explorations of Lacanian theory and roused by the collective aspirations of Maoist dogma. In pieces on fellow travelers Godard and Straub/Huillet, on films ranging from Pasolini's *Saló* to Spielberg's *Jaws*, and on the difference between film language and television discourse, Daney offers a definitive portrait of an era of radical hope and disappointment.

**Serge Daney** became the editor of *Cahiers du Cinéma* in 1974. In 1981, he left *Cahiers* and wrote about visual culture for *Libération*, turning his attention to television and coverage of the Gulf War. He collaborated with Claire Denis on a documentary film, *Jacques Rivette, le veilleur* (1990). He died of AIDS-related causes in 1992.

film criticism

December | 6 x 9, 224 pp. | 28 b&w illus.

**US \$17.95T/\$24.95 CAN paperback**

978-1-63590-198-6

Foreign Agents series

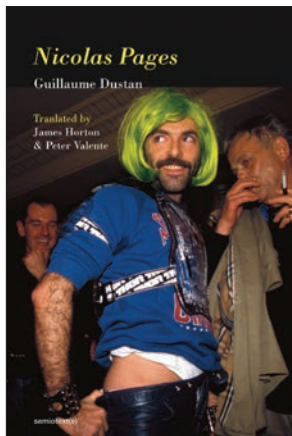
## Nicolas Pages

Guillaume Dustan

translated by Peter Valente and James Horton

**An ode to mad love, awarded the Prix de Flore in 1999.**

Published in 1999 and awarded that year's Prix de Flore, *Nicolas Pages* marks a departure from the Sadean preoccupations of Guillaume Dustan's first three novels; it is, in essence, a love story. Inspired by a failed romance with the Swiss artist-writer Nicolas Pages and collaging texts that Dustan initially produced for a wide variety of other occasions (magazine articles, short stories, project notes, shopping lists, and more), the "auto-/bio-/porno-graphic" prose of *Nicolas Pages* is by turns trashy and encyclopedic, corporeal and philosophical. Here Dustan inaugurates a "gay literature"



that is no longer painful or shameful, but epicurean and cheerful without ever lapsing into idealism. A vibrant plea for gay rights and a tapestried text that is more than the sum of its many styles, *Nicolas Pages* is a call to explore the body, sexuality, and writing in all their variety; it is a hymn to life, humanity, pleasure, and desire.

**Guillaume Dustan** (1965–2005) worked as an administrative judge in France before turning to writing full-time. He is the author of eight books, including the award-winning novel *Nicolas Pages*. He was posthumously awarded the Prix Sade in 2013.

fiction

November | 5 1/2 x 8, 440 pp.

**US \$17.95T/\$24.95 CAN paperback**

978-1-63590-194-8

Native Agents series

## The Screwball Asses

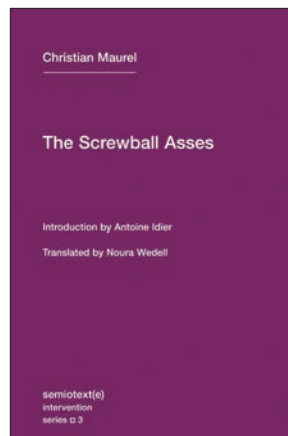
Christian Maurel

introduction by Antoine Idier

translated by Noura Wedell

**A foundational work of queer theory.**

First published anonymously in the notorious "Three Billion Perverts" issue of Félix Guattari's journal *Recherches*—banned by French authorities upon its release in 1973—*The Screwball Asses* was erroneously attributed to Guy Hocquenghem when it was first published in English in 2009. This second edition of that translation, with a new preface by Hocquenghem biographer Antoine Idier that clarifies the different theoretical positions within France's Front Homosexuel d'Action Révolutionnaire, returns the text to its true author: writer, journalist, and activist Christian Maurel.



In this dramatic treatise on erotic desire, Maurel takes on the militant delusions and internal contradictions of the gay-liberation movement. He vivisects not only the stifled mores of bourgeois capitalism, but also the phallogocratic concessions of so-called homophiles and, ultimately, the very act of speaking desire. Rejecting any "pure theory" of homosexuality that would figure its "otherness" as revolutionary, Maurel contends that the ruling classes have invented homosexuality as a sexual ghetto, splitting and mutilating desire in the process. It is only when nondesire and the desire of desire are enacted simultaneously through speech and body that homosexuality can finally be sublimated under the true act of "making love." There are thousands of sexes on earth, according to Maurel, but only one sexual desire. *The Screwball Asses* is a revelatory disquisition.

**Christian Maurel** (1931–2011) was active in France's Front Homosexuel d'Action Révolutionnaire (Homosexual Front for Revolutionary Action) in the early-to-mid 1970s. He worked as a journalist for the *Nouvel Observateur* and *L'Express*, among other venues. In addition to poetry, he published a number of books and articles, including his notorious contribution to early queer theory, *The Screwball Asses*.

gay studies | cultural studies

September | 4 1/2 x 7, 96 pp.

**US \$13.95T/\$18.95 CAN paperback**

978-1-63590-200-6

Intervention Series

# Building Carbon Europe

Coal, Steel, and Nuclear Power

Dennis Pohl

**How architecture powered European energy politics in the postwar era and paved the way for today's dependency on coal, steel, and nuclear power.**

In this volume of the Critical Spatial Practice series, Dennis Pohl locates the origin of Europe's dependency on carbon and nuclear power in the postwar architectural designs and energy policies of the European Community. Since the 1950s, architects have proposed territorial, regional, and urban development plans that served the European political project. They collaborated with the European Coal and Steel Community in an effort to render the steel building industry as efficient as the car industry; they incorporated the ideas of infinite nuclear energy, as promoted by the European Atomic Energy Community, into their designs.

This book demonstrates how architecture served the political economy of postwar Europe as a means of turning coal, steel, and radioactivity into tools of European governance. Architectural design enabled EU institutions to support social policies and worker housing within the coal and steel industry as well as to promote a new pan-European lifestyle based on nuclear energy. In other words, architecture powered Europe's larger infrastructural, economic, and cultural network. Pohl's work not only sheds light on how architecture has contributed to the carbonization of Europe, it also highlights the environmental issue, which challenges both architectural criticism and historiography in the era of the Anthropocene.

**Dennis Pohl** is a research assistant in architectural theory at the Karlsruhe Institute of Technology and in the theory of architecture and digital culture at Delft University of Technology. He codirects the AA Visiting School Brussels "The House of Politics."

architecture theory

November

4 x 6, 400 pp.

26 color illus., 70 b&w illus.

**US \$22.00T/\$29.99 CAN paperback**

978-1-915609-01-4

Design by Zak Group

Featuring artwork by Armin Linke and Giulia Bruno

not for sale in Europe or the UK

Critical Spatial Practice series



## Is Now the Time for Joyous Rage?

A Series of Open Questions

edited by **Jacqueline Francis** and **Jeanne Gerrity**

**On the themes found in the work of Lorraine O'Grady: Black female subjectivity, intersectional feminism, institutional critique, music, and translation.**

*Is Now the Time for Joyous Rage?* is the fourth book in the annual series A Series of Open Questions published by



CCA Wattis Institute for Contemporary Arts and Sternberg Press.

This fourth issue is informed by themes found in the work of Lorraine O'Grady, including diaspora, Black female subjectivity, racial hybridity, translation, intersectional feminism, institutional critique, Black representation in the art world, archives, music, Conceptualism, and performance art.

### Contributors

Selam Bekele, Martin Bernal, Camille Chedda, Gabrielle Civil, Kathleen Collins, Erica Deeman, Jeanne Finley, Jacqueline Francis, Edouard Glissant, Rujeko Hockley, Bec Imrich, E. Jane, Charles Lee, Darrell M. McNeil, Denise Murrell, John Muse, Sawako Nakayasu, Lorraine O'Grady, Yétúndé Olagbaju, Hsu Peng, Lara Putnam, Trina Michelle Robinson, Legacy Russell, David Scott, Peter Simensky, Maud Sulter, Carrie Mae Weems, Judith Wilson, Alisha B. Wormsley, Allison Yasukawa

**Jacqueline Francis** is the Chair of the Graduate Visual & Critical Studies program at California College of the Arts, as well as an author and curator.

**Jeanne Gerrity** is the Deputy Director and Head of Publications at the Wattis and has written for such publications as *Artforum*, *Art Agenda*, and *Frieze*.

art | literary collections

August | 4 1/2 x 7, 256 pp. | 50 b&w illus.

**US \$15.00T/\$20.00 CAN paperback**

978-3-95679-659-3

Published by CCA Wattis Institute for Contemporary Arts and Sternberg Press

not for sale in Europe or the UK

A Series of Open Questions

## Pidginization as Curatorial Method

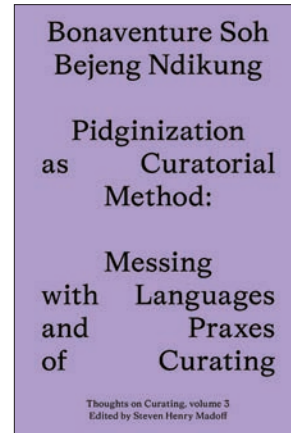
Messing with Languages and Praxes of Curating

**Bonaventure Soh Bejeng Ndikung**

edited by Steven Henry Madoff

**A new vision for activist curatorial practice.**

In *Pidginization as Curatorial Method*, renowned curator and director Bonaventure Soh Bejeng Ndikung proposes Pidgin languages as expressions of resistance to settler colonialism and pidginization as a way to approach curating (and the world), creating new spaces for encounter, knowledge, and pluralities. Deftly deploying the thinking, writing, and rhythmic beat of musicians, philosophers, linguists, poets, and novelists, Ndikung offers a new vision for activist curatorial practice and beyond. This is the third volume of the series *Thoughts on Curating*, edited by Steven Henry Madoff.



**Bonaventure Soh Bejeng Ndikung** (born in 1977 in Yaoundé, Cameroon) is the founder and artistic director of SAVVY Contemporary in Berlin, the artistic director of Sonsbeek20–24, a quadrennial contemporary art exhibition in Arnhem, the Netherlands, and Professor in the Spatial Strategies MA program at the Weissensee Academy of Art in Berlin. In 2023, Ndikung will become the director of Haus der Kulturen der Welt (HKW) in Berlin. **Steven Henry Madoff**, an award-winning writer, editor, and poet, has written extensively on contemporary art for such publications as *Artforum*, the *New York Times*, and *Time* magazine, and published numerous monographs on leading artists. He is Senior Critic at Yale University's School of Art.

art theory

August | 5 x 8, 64 pp.

**US \$15.95T/\$21.95 CAN paperback**

978-1-915609-08-3

not for sale in Europe or the UK

Thoughts on Curating series

## Silent Whale Letters

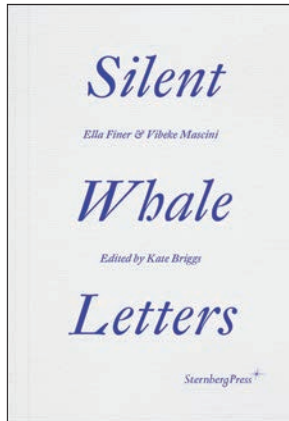
A Long-Distance Correspondence, on All Frequencies

Ella Finer and Vibeke Mascini

edited by Kate Briggs

**A long-distance correspondence reflecting on the infravoice of a blue whale and other so-called “silent” subjects.**

*Silent Whale Letters* is part of an ongoing collaboration between writer and composer Ella Finer and visual artist and writer Vibeke Mascini. Across twenty-four letters they reflect on “silent whale”—an inaudible sound recording residing in the British Library Sound.



The infrasonic blue whale voice, the subject of the sonic document in the Sound Archive, can only be heard if the frequencies are sped up and made audible to human hearing. This is both the opening provocation of the letters and the infrasonic beat that underscores the whole epistolary

exchange. How does the silent document affect the logic of the archive? How might such a document encourage us to attend to listening as a practice of preservation?

The letters chart a process that is equally conceptual and intimate, theoretical and deeply personal, as the correspondence moves through discussions of (amniotic) undercurrents, call-and-response mechanisms, energetic wavelengths, oceanic and archival memory, mysterious scales, and the watery acoustic commons.

**Ella Finer's** work in sound and performance spans writing, composing, and curating with a particular interest in how women's voices take up space.

**Vibeke Mascini** explores through sculptures, installations, video, and text, a scaling of abstract phenomena into a sensorial scope, with the intention to seek agency from intimacy. **Kate Briggs** is a writer and translator based in Rotterdam, NL, where she teaches on the Masters in Fine Art at the Piet Zwart Institute. She is the author of *This Little Art* (2017) and *Entertaining Ideas* (2019).

literary nonfiction

October | 4 3/4 x 7, 152 pp. | 1 color illus., 2 b&w illus.

**US \$20.95T/\$27.95 CAN paperback**

978-1-915609-02-1

Copublished with TBA21

not for sale in Europe or the UK

## Kafka for Kids

Roe Rosen

foreword by Fanni Fetzter

**The pilot episode of a TV series that perversely aims to make Kafka's tales palpable for toddlers.**

Roe Rosen's film *Kafka for Kids* is set as the pilot episode for a TV series that perversely aims to make Kafka's tale



“The Metamorphosis” palpable for toddlers. In its title, the film *Kafka for Kids* implies that the intellectual great of modern literature will finally be presented in a way that is generally understandable. Rosen wants to present Franz Kafka, of all people, with his contorted thought constructions, in a way that is even accessible to kids! But unfortunately, that's not how things turn out: the star writer of the educated middle class is not simplified, but his story

becomes much more complex, corresponding to reality, for reality is more complicated than we like to represent using biaxial graphs.

Featuring the original script of the movie, readers are invited to dive into a magical story, followed by essays that give a deeper insight in the literary aspects of Rosen's oeuvre. A stowaway on the journey, Rosen playfully and with wonderful self-irony does not negate the complexity of the present, but takes it to the next level by exploring how all things are interlinked.

**Roe Rosen** is an Israeli multidisciplinary artist, writer, and filmmaker. He studied philosophy and comparative literature studies in Tel Aviv University from School of Visual Arts, New York in 1989. Rosen received MFA from Hunter College in New York in 1991. He is a professor at Beit Berl College in Kfar-Saba and at the Bezalel Academy of Arts and Design in Jerusalem. His work has been shown national and internationally and was featured at Documenta 14.

art | film

August | 5 1/2 x 8 1/4, 224 pp. | 88 color illus.

**US \$34.00T/\$45.00 CAN paperback**

978-3-95679-662-3

Published by Sternberg Press and Kunstmuseum Luzern

not for sale in Europe or the UK



## H(a)unting / Heim-Suchungen

Belinda Kazeem-Kamiński

**A confrontation with the hauntings and echoes of Austria's colonial past.**

*H(a)unting / Heim-Suchungen* is edited by the artist and published with Kunsthalle Wien / Stadt Wien Kunst following Belinda Kazeem-

Kamiński's solo show in 2021/2022.

**Belinda Kazeem-Kamiński** is a Vienna-based writer, artist, and scholar whose works manifest themselves through a variety of media. Rooted in Black feminist theory, she works with a research-based and process-oriented investigative practice that deals with the condition of Black life in the African diaspora. Kazeem-Kamiński's works have been screened and exhibited internationally at Camera Austria, Les Rencontres d'Arles, Kunsthalle Wien, Museum Ludwig Budapest, International Film Festival Rotterdam, Diagonale, and International Filmfestival Vancouver. In 2021, she received the Camera Austria Award.

art | cultural studies

August | 6 3/4 x 8 3/4, 160 pp. | 80 color illus., 10 b&w illus.

**US \$21.95T/\$28.95 CAN cloth** | 978-1-915609-12-0

not for sale in Europe or the UK



## Contemporary / Unconscious

Ana Hoffner ex-Prvulovic\*

**An aesthetic and political redefinition of gendered relations.**

**Ana Hoffner ex-Prvulovic\*** is an artist, researcher and writer working within and about contemporary art, art history, cultural studies, and critical theory. She\* is interested in queerness, displays of global capital, coloniality and the East,

forms of escape, early psychoanalysis, and politics of memory and war. She\* works with video, photography, installation and performance, employing means of appropriation such as restaging photographs, interviews, and reports, and seeks ways to desynchronize normative belongings of body and voice, sound and image. She\* works against the domination of corporate aesthetics, images of disgust and horror and right-winged establishment by insisting on analysis, contextualization, and reflection.

art | gender studies

August | 9 1/2 x 11 3/4, 120 pp. | 88 color illus., 121 b&w illus.

**US \$21.95T/\$28.95 CAN paperback** | 978-1-915609-11-3

Copublished by Kunsthalle Wien

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## Agonistic Assemblies

On the Spatial Politics of Horizontality

Markus Miessen

**A curatorial approach towards deliberative cultures of assembly and a realistic scenario of decentralized power and decision-making.**

**Markus Miessen** is an architect, writer, director of Studio Miessen, and Professor of Urban Transformation at the University of Luxembourg, where he holds the chair of the City of Esch, associated with the master programme "Architecture, European Urbanisation, Globalisation."

architecture theory

September | 5 1/2 x 9 1/4, 400 pp. | 50 color illus., 50 b&w illus.

**US \$25.95T/\$34.95 CAN paperback** | 978-1-915609-14-4

not for sale in Europe or the UK

## Joar Nango

edited by Axel Wieder

**The work of Sámi architect and artist Joar Nango, investigating indigenous spaces and their critical value in a contemporary cultural discussion.**

**Axel Wieder** is a curator, writer, and currently director of Bergen Kunsthall. He has been director of Index—the Swedish Contemporary Art Foundation in Stockholm and Head of Programme at Arnolfini in Bristol. Wieder studied art history and cultural theory at the University of Cologne and the Humboldt University in Berlin. Together with Jesko Fezer and Katja Reichard, he founded Pro qm in Berlin.

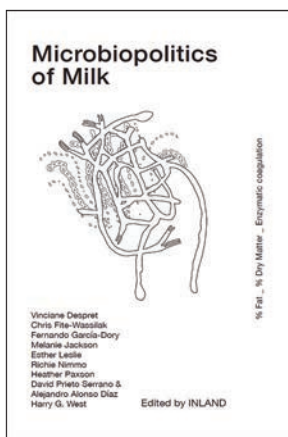
art

August | 6 3/4 x 9 1/2, 272 pp. | 300 color illus., 50 b&w illus.

**US \$39.00T/\$52.00 CAN cloth** | 978-3-95679-617-3

Co-published by Bergen Kunsthall

not for sale in Europe or the UK



## Microbiopolitics of Milk

edited by Inland

foreword by David Prieto Serrano and Alejandro Alonso Díaz

**Milk as a biocultural substance.**

Food Studies

August | 5 x 7 3/4, 280 pp.

**US \$22.95T/\$29.95 CAN paperback**  
978-3-95679-660-9

not for sale in Europe or the UK

## Garden of Six Seasons

edited by Cosmin Costinaș, Sheelasha Rajbhandari, Hit Man Gurung, and Apoorva Rajagopal

foreword by Sangeeta Thapa and Sharareh Bajracharya

**An anthology exploring the art history, art writing, and marginalized cultural voices of Nepal.**

**Cosmin Costinaș** is a curator based in Berlin. He was most recently Artistic Director for the 24th Biennale of Sydney (2024) and Kathmandu Triennale 2077 (2022), and Co-Curator of the Romanian Pavilion at the 59th Venice Biennale (2022), amongst many other previous projects. He was the Executive Director/Curator of Para Site, Hong Kong (2011–2022).

**Sheelasha Rajbhandari** is an artist and curator based in Kathmandu. Her works explore alternative and plural narratives through long-term and deeply researched projects that have been presented in major exhibition across Asia, Asia-Pacific and Europe. She is a co-founder of artist collective ArTree Nepal.

**Hit Man Gurung's** is an artist and curator based in Kathmandu. His works are concerned with some of the most pressing socio-political issues of Nepal and have been exhibited across Asia, the Asia-Pacific, Europe, and the US. Rajbhandari and Gurung are cofounders of artist collective Ar Tree Nepal.

art | asian studies

August | 8 1/2 x 11, 256 pp. | 80 color illus.

**US \$32.95T/\$43.95 CAN cloth** | 978-3-95679-643-2

not for sale in Europe or the UK

## Nadia Belerique

Body in Trouble

**Nadia Belerique, Tom Engels, Ruba Katrib, Nicolaus Schafhausen, and Claire Shea**

**A publication accompanying the exhibition *Nadia Belerique: Body in Trouble* at the Fogo Island Gallery.**

**Nadia Belerique** has exhibited at the Toronto Biennial of Art (2022) and the New Museum Triennial (2021). Recent solo exhibitions include "Body

In Trouble" at Fogo Island Arts (2022), "There's A Hole In The Bucket" at Daniel Faria Gallery (2019), "On Sleep Stones" at Grazer Kunstverein (2018), and "The Weather Channel" at Oakville Galleries (2018). Her work has been exhibited internationally at venues such as Kunstverein Braunschweig, Braunschweig (2020); Lyles & King, New York (2019); Arsenal Contemporary, New York (2018); Vie d'ange, Montréal (2017); Tensta Konsthall, Spånga (2016); The Power Plant, Toronto (2015); and Kunsthalle Wien, Vienna (2014).

**Tom Engels** works as a curator, editor, writer, educator, and dramaturge at the intersection of performance and the

visual arts. He has been the Artistic Director of Grazer Kunstverein since October 2021. **Ruba Katrib** is Curator and Director of Curatorial Affairs at MoMA PS1, New York. At PS1 she has curated exhibitions such as "Greater New York" (2021), "Niki de Saint Phalle: Structures for Life" (2021), Simone Fattal's retrospective in 2019, and solo shows for Edgar Heap of Birds (2019), Karrabing Collective (2019), Fernando Palma Rodríguez, and Julia Phillips (2018). From 2012 to 2018 she was the Curator at SculptureCenter in New York. **Nicolaus Schafhausen** is a curator, director, author, and editor of numerous publications on contemporary art. Since 2011 he has been the Strategic Director of Fogo Island Arts, Canada, an initiative of Shorefast, a charitable foundation dedicated to finding alternative solutions for the revitalization of areas prone to emigration. **Claire Shea** is the Director at Fogo Island Arts, Canada, an initiative of Shorefast, a charitable foundation dedicated to finding alternative solutions for the revitalization of areas prone to emigration.

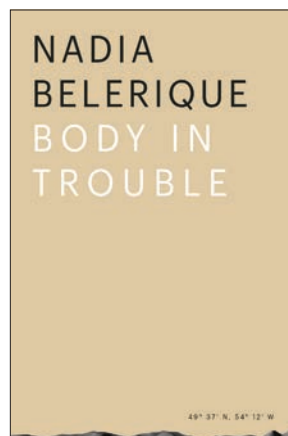
art

August | 6 x 8 1/4, 96 pp. | 27 color illus.

**US \$20.00T/\$27.00 CAN paperback** | 978-1-915609-10-6

Copublished with Fogo Island Arts

not for sale in Europe or the UK



# Chapel Perilous

The Life and Thought Crimes of Robert  
Anton Wilson

**Gabriel Kennedy**

foreword by Grant Morrison

introduction by Douglas Rushkoff

**The first biography of the late countercultural  
novelist and underground philosopher Robert  
Anton Wilson.**

*Chapel Perilous* is the first biography of the late countercultural novelist and underground philosopher, Robert Anton Wilson.

Author with Robert Shea of *ILLUMINATUS!*—one of American literature’s most notorious novels—Wilson’s life and work were infused with magical insight and strange occurrence, apparently fated traumas and puckish tricksterism. His experiences of paranoia, celestial influence, and conspiracy have come to furnish both speculative thought and fiction with a unique repertoire of thought experiments, while his legacy might be recognized in the work of writers as diverse as Alan Moore, Douglas Rushkoff, and Tom Robbins.

In this far-reaching biography, Gabriel Kennedy charts the undergrowth of Wilson’s influence, suggesting that the pulp venues, quack pamphlets, and oddball websites through which his work was usually distributed allowed him to quietly become one of the most prescient American writers of the twentieth century, and one of the twenty-first’s most salient.

**Gabriel Kennedy**, aka Prop Anon, is an actor, musician, and writer whose work can be seen on BoingBoing.net, Realitysandwich.com, Mondo2000.com, and his own website, Chapelperilous.us. *Chapel Perilous: The Life and Thought Crimes of Robert Anton Wilson* is his first book.

biography

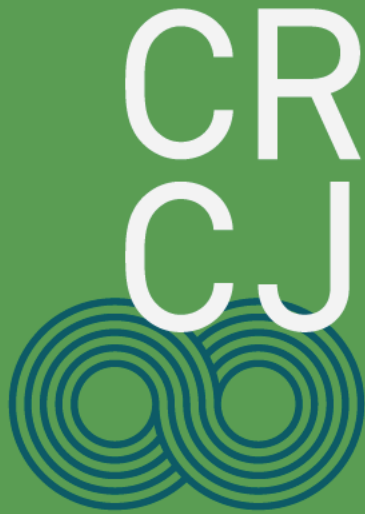
November

43/4 x 8 1/2, 304 pp.

12 color illus., 24 b&w illus.

**US \$24.95T/\$33.95 CAN paperback**

978-1-913689-56-8



# The MIT Press is proud to introduce the Journal of Climate Resilience & Climate Justice!

William Shutkin, Editor in Chief

*The Journal of Climate Resilience & Climate Justice (CRCJ)* is an online, open access resource providing research reports, case studies, essays, and opinions from the working edge of the climate resilience and climate justice fields written for a broad audience.

*CRCJ* is an open access journal with no author publishing fees, made possible through the generous support of the Nell Newman Foundation, the Dean Witter Foundation, and the Masters of the Environment program (MENV) at the University of Colorado Boulder. Published by the MIT Press in partnership with MENV.



**A social entrepreneur, attorney and educator, William Shutkin has been at the forefront of the sustainability field for over 25 years. He has been called “an environmental visionary creating solutions to today’s problems with a passion that would make John Muir and Martin Luther King equally proud” by David Brower, the father of the modern environmental movement.**



arts & humanities



## African Arts

**Marla C. Berns, Susan Cooksey, Lisa Homann, Erica Jones, Peri Klemm, Priscilla Layne, Álvaro Luís Lima, Carol Magee, Fiona McLaughlin, David G. Pier, Patrick A. Polk, Robin Poyner, Allen F. Roberts, Victoria L. Rovine, MacKenzie Moon Ryan, editors**

*African Arts* presents original research and critical discourse on traditional, contemporary, and popular African arts and expressive cultures.

**2022 Google Scholar h5-index: 8**  
 ISSN: 0001-9933 E-ISSN: 1937-2108  
 Quarterly: Spring/Summer/Fall/Winter  
[direct.mit.edu/afar](http://direct.mit.edu/afar)



## ARTMargins

**Sven Spieker, executive editor Karen Benezra, Pedro Erber, Octavian Eşanu, Elizabeth Harney, Angela Harutyunyan, editors**

*ARTMargins* publishes material related to the histories of 20th-century and contemporary art, art theory, art institutions, and curatorship. It places special emphasis on marginal histories and innovative critical and methodological perspectives.

**2022 Google Scholar h5-index: 4**  
 ISSN: 2162-2574 E-ISSN: 2162-2582  
 Triannual: February/June/October  
[direct.mit.edu/artm](http://direct.mit.edu/artm)



## Computer Music Journal

**Douglas Keislar, editor**

*Computer Music Journal* is published quarterly with an annual sound and video anthology containing curated music. For four decades, it has been the leading publication about computer music, concentrating fully on digital sound technology and all musical applications of computers.

**2021 Impact Factor: 0.688**  
**2022 Google Scholar h5-index: 9**  
 ISSN: 0148-9267 E-ISSN: 1531-5169  
 Quarterly: Spring/Summer/Fall/Winter  
[direct.mit.edu/comj](http://direct.mit.edu/comj)

arts & humanities

**NEW!**

## CriticalProductive

**Milton S. F. Curry, editor-in-chief**



*CriticalProductive Journal* is an independent, peer-reviewed academic journal / magazine. It is a space in which cultural theorists, designers, architects, urbanists, artists, humanists, and activists can reflect on contemporary culture and experiment with provocative ideas, such as how to disrupt

normative paradigms, how to activate and catalyze new potentials, and how best to utilize technology, data, and moving image to convey information.

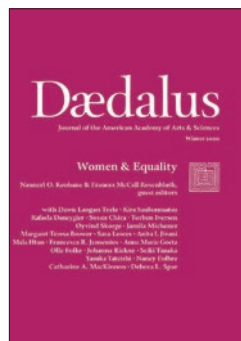
The journal publishes innovative research, scholarship, and creative work that is at the forefront of architecture, urbanism, and cultural theory. We welcome essays, creative design work, and visual art.

## Dædalus

**Phyllis S. Bendell, managing editor**

Drawing on the nation's most prominent thinkers in the arts, sciences, humanities, and social sciences, as well as the professions and public life, *Dædalus*, the open access Journal of the American Academy of Arts and Sciences, explores the frontiers of knowledge and issues of public importance.

**2021 Impact Factor: 1.340**  
**2022 Google Scholar h5-index: 29**  
 ISSN: 0011-5266 E-ISSN: 1548-6192  
 Quarterly: Winter/Spring/Summer/Fall  
[direct.mit.edu/daed](http://direct.mit.edu/daed)



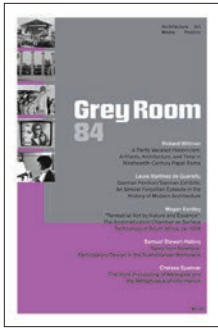
## Design Issues

**Bruce Brown, Richard Buchanan, Carl DiSalvo, Dennis P. Doordan, Kipum Lee, Ramia Mazé, Teal Triggs, editors**

The first American academic journal to examine design history, theory, and criticism, *Design Issues* provokes inquiry into the cultural and intellectual issues surrounding design.

**2022 Google Scholar h5-index: 16**  
 ISSN: 0747-9360 E-ISSN: 1531-4790  
 Quarterly: Winter/Spring/Summer/Autumn  
[direct.mit.edu/desi](http://direct.mit.edu/desi)

arts & humanities



## Grey Room

Lucia Allais, Eric C.H. de Bruyn, Zeynep Çelik Alexander, Noam M. Elcott, Byron Hamann, John Harwood, Matthew C. Hunter, editors

*Grey Room* brings together scholarly and theoretical articles from the fields of architecture, art, media, and politics to forge a cross-disciplinary discourse uniquely relevant to contemporary concerns.

**2022 Google Scholar h5-index: 8**  
 ISSN: 1526-3819 E-ISSN: 1536-0105  
 Quarterly: Winter/Spring/Summer/Fall  
[direct.mit.edu/grey](http://direct.mit.edu/grey)



## October

Rosalind Krauss, Annette Michelson (1922–2018), George Baker, Yve-Alain Bois, Benjamin H. D. Buchloh, Huey Copeland, Leah Dickerman, Devin Fore, Hal Foster, Denis Hollier, David Joselit, Carrie Lambert-Beatty, Pamela M. Lee, Mignon Nixon, Malcolm Turvey, editors

At the forefront of art criticism and theory, *October* focuses critical attention on the contemporary arts—film, painting, music, media, photography, performance, sculpture, and literature—and their various contexts of interpretation.

**2022 Google Scholar h5-index: 7**  
 ISSN: 0162-2870 E-ISSN: 1536-013X  
 Quarterly: Winter/Spring/Summer/Fall  
[direct.mit.edu/octo](http://direct.mit.edu/octo)



## Leonardo

Roger Malina, executive editor

*Leonardo* is the leading international peer-reviewed journal on the use of contemporary science and technology in the arts and music and the application and influence of the arts and humanities on science and technology.

**2022 Google Scholar h5-index: 14**  
 ISSN: 0024-094X E-ISSN: 1530-9282  
 Six issues per year: February/April/June/August/October/December  
[direct.mit.edu/leon](http://direct.mit.edu/leon)



## PAJ

A Journal of Performance and Art

Bonnie Marranca, editor

*PAJ* explores innovative work in theatre, performance art, dance, video, writing, technology, sound, and music, bringing together all live arts in thoughtful cultural dialogue. Issues include critical essays, artists' writings, interviews, plays, drawings, and notations, with extended coverage of performance, festivals, and books.

**2022 Google Scholar h5-index: 5**  
 ISSN: 1520-281X E-ISSN: 1537-9477  
 Triannual: January/May/September  
[direct.mit.edu/pajj](http://direct.mit.edu/pajj)



## The New England Quarterly

Holly Jackson, editor  
 Betsy Klimasmith, associate editor  
 Sarah Georgini, book review editor

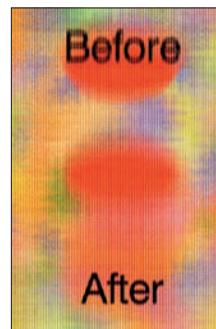
For over ninety years, *The New England Quarterly* has published the best that has been written on New England's cultural, literary, political, and social history.

**2022 Google Scholar h5-index: 4**  
 ISSN: 0028-4866 E-ISSN: 1937-2213  
 Quarterly: Winter/Spring/Summer/Fall  
[direct.mit.edu/tneq](http://direct.mit.edu/tneq)

## Projections

*Projections*, the Journal of the MIT Department of Urban Studies and Planning published by the MIT Press, focuses on the most innovative and cutting-edge research in planning.

Open access  
[projections.pubpub.org](http://projections.pubpub.org)



## Thresholds

Established in 1992, *Thresholds* is the annual peer-reviewed journal produced by the MIT Department of Architecture. Each independently themed issue features content from leading scholars and practitioners in the fields of architecture, art, and culture.

**2022 Google Scholar h5-index: 2**  
 ISSN: 1091-711X E-ISSN: 2575-7338  
 Annual: Spring  
[direct.mit.edu/thld](http://direct.mit.edu/thld)



economics

International Affairs, History,  
& Political Science



## Asian Economic Papers

Wing Thye Woo, editor-in-chief

Sungbae An, Fukunari Kimura, Ming Lu,  
Jeffrey D. Sachs, editors

*Asian Economic Papers* focuses on rigorous analysis of key economic issues of a particular Asian economy or of the broader Asian region, and offer creative solutions to these Asian economic issues.

2021 Impact Factor: 1.098

2022 Google Scholar h5-index: 15

ISSN: 1535-3516 E-ISSN: 1536-0083

Triannual: Winter-Spring/Summer/Fall  
[direct.mit.edu/asep](http://direct.mit.edu/asep)

**NEW!**

## Cryptoeconomic Systems

Andrew Miller and Neha Narula,  
editors in chief

Reuben Youngblom, managing editor

*Cryptoeconomic Systems* captures all of the cutting-edge thinking occurring in blockchain and expands the way we think about decentralized systems. To that end, *CES* is intentionally multidisciplinary, spanning technical fields such as cryptography or protocol engineering, and fields like economics, law, philosophy, or art.

Open access  
[cryptoeconomicsystems.pubpub.org](http://cryptoeconomicsystems.pubpub.org)



## Education Finance & Policy

Stephanie Cellini and Randall Reback,  
editors

Sean Corcoran, Rajeev Darolia,  
Jason Grissom, Cassandra Hart,  
Steven Hemelt, Stephen L. Ross,  
associate editors

*Education Finance and Policy (EFP)* publishes policy-relevant research papers concerning education finance, policy, and practice. The journal draws from a range of fields—including economics, political science, public administration and policy, law, and education—covering topics that span from early childhood to graduate education in the United States and around the world.

2021 Impact Factor: 1.778

2022 Google Scholar h5-index: 29

ISSN: 1557-3060 E-ISSN: 1557-3079

Quarterly: Winter/Spring/Summer/Autumn  
[direct.mit.edu/edfp](http://direct.mit.edu/edfp)



## The Review of Economics and Statistics

Will Dobbie and Raymond Fisman,  
co-chairs

Pierre Azoulay, Olivier Coibion,  
Benjamin R. Handel, Brian A. Jacob,  
Kareen Rozen, Xiaoxia Shi,  
Tavneet Suri, Yi (Daniel) Xu, editors

*The Review of Economics and Statistics* is a 100-year-old general journal of applied economics. Edited at the Harvard Kennedy School, the *Review* aims to publish both empirical and theoretical contributions that will be of interest to a wide economics readership, building on its long and distinguished history that includes work from such figures as Kenneth Arrow, Milton Friedman, Robert Merton, Paul Samuelson, Robert Solow, and James Tobin.

2021 Impact Factor: 6.481

2022 Google Scholar h5-index: 77

ISSN: 0034-6535 E-ISSN: 1530-9142

Five issues annually:  
March/May/July/October/December  
[direct.mit.edu/rest](http://direct.mit.edu/rest)

**NEW!**

## American Journal of Law and Equality

Randall Kennedy, Martha Minow,  
Cass Sunstein, editors

*The American Journal of Law and Equality* seeks articles from a variety of perspectives that examine legal issues involving equality and discrimination in all their forms. Submissions might address issues involving economic equality, race, gender, disability, religion, political viewpoint, geography, gender identity, sexual orientation, or other categories involving categorization of human beings.

Open access  
<https://direct.mit.edu/ajle>



## Global Environmental Politics

Susan Park, Henrik Selin, D. G. Webster,  
editors

*Global Environmental Politics* examines relationships between global political forces and environmental change, with particular attention given to the implications of local-global interactions for environmental management, as well as to the implications of environmental change and environmental governance for world politics.

2021 Impact Factor: 4.145

2022 Google Scholar h5-index: 31

ISSN: 1526-3800 E-ISSN: 1536-0091

Quarterly: February/May/August/November  
[direct.mit.edu/glep](http://direct.mit.edu/glep)

International Affairs, History, & Political Science

International Affairs, History, & Political Science



## Innovations Technology, Governance, Globalization

**Philip E. Auerswald and Iqbal Z. Quadir,**  
editors

*Innovations* is about entrepreneurial solutions to global challenges. The journal features cases authored by exceptional innovators; commentary and research from leading academics; and essays from globally recognized executives and political leaders. The journal is jointly hosted at George Mason University's School of Public Policy, Harvard's Kennedy School of Government, and MIT's Legatum Center for Development and Entrepreneurship.

ISSN: 1558-2477 E-ISSN: 1558-2485  
Annual  
[direct.mit.edu/itgg](http://direct.mit.edu/itgg)



## The Journal of Interdisciplinary History

**Anne E. McCants,** editor

**Robert I. Rotberg and Theodore K. Rabb**  
(1937-2019), founding editors

**Reed Ueda,** co-editor emeritus

*The Journal of Interdisciplinary History* features substantive articles, research notes, review essays, and book reviews that combine the study of history, spanning all geographical areas and periods, with other scholarly disciplines.

**2021 Impact Factor: 0.553**  
**2021 Google Scholar h5-index: 13**  
ISSN: 0022-1953 E-ISSN: 1530-9169  
Quarterly: Summer/Autumn/Winter/Spring  
[direct.mit.edu/jinh](http://direct.mit.edu/jinh)



## International Security

**Steven E. Miller,** editor-in-chief  
**Jacqueline L. Hazelton,** executive editor  
**Owen R. Coté Jr.,** editor  
**Amanda Pearson,** deputy editor  
**Monica Achen,** publications coordinator

*International Security*, the #2 journal in International Relations based on 2021 impact factor, publishes lucid, well-documented essays on the full range of contemporary security issues. Its articles address traditional topics of war and peace, as well as more recent dimensions of security, including environmental, demographic, and humanitarian issues, transnational networks, and emerging technologies.

**2021 Impact Factor: 7.179**  
**2022 Google Scholar h5-index: 35**  
ISSN: 0162-2889 E-ISSN: 1531-4804  
Quarterly: Summer/Fall/Winter/Spring  
[direct.mit.edu/isec](http://direct.mit.edu/isec)



## Perspectives on Science

**Alex Levine,** editor  
**Mordechai Feingold**

*Perspectives on Science* publishes science studies that integrates historical, philosophical, and sociological perspectives. Its interdisciplinary approach is intended to foster a more comprehensive understanding of the sciences and the contexts in which they develop. Each issue of *Perspectives on Science* offers a selection of theoretical essays, case studies and review essays.

**2021 Google Scholar h5-index: 13**  
ISSN: 1063-6145 E-ISSN: 1530-9274  
Quarterly: January-February/March-April/  
May-June/July-August  
[direct.mit.edu/posc](http://direct.mit.edu/posc)

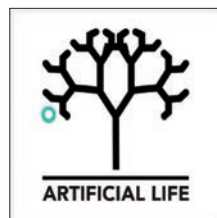


## Journal of Cold War Studies

**Mark Kramer,** editor

*The Journal of Cold War Studies* features peer-reviewed articles based on archival research in the former Communist world, in Western countries, and in other parts of the globe.

**2021 Impact Factor: 0.620**  
**2022 Google Scholar h5-index: 9**  
ISSN: 1520-3972 E-ISSN: 1531-3298  
Quarterly: Winter/Spring/Summer/Fall  
[direct.mit.edu/jcws](http://direct.mit.edu/jcws)



## Artificial Life

**Susan Stepney, Alan Dorin,**  
co-editors-in-chief

*Artificial Life*, launched in the fall of 1993, has become the unifying forum for the exchange of scientific information on the study of artificial systems that exhibit the behavioral characteristics of natural living systems, through the synthesis or simulation using computational (software), robotic (hardware), and/or physicochemical (wetware) means.

**2021 Impact Factor: 1.717**  
**2022 Google Scholar h5-index: 20**  
ISSN: 1064-5462 E-ISSN: 1530-9185  
Triannual: Winter/Spring/Summer-Fall  
[direct.mit.edu/artl](http://direct.mit.edu/artl)

International Affairs, History,  
& Political Science



## Computational Linguistics

**Hwee Tou Ng, editor-in-chief**

*Computational Linguistics* is the longest-running publication devoted exclusively to the computational and mathematical properties of language and the design and analysis of natural language processing systems. This highly regarded quarterly offers university and industry linguists, computational linguists, artificial intelligence and machine learning investigators, cognitive scientists, speech specialists, and philosophers the latest information about the computational aspects of all the facets of research on language.

**2021 Impact Factor: 7.778**

**2022 Google Scholar h5-index: 33**

ISSN: 0891-2017 E-ISSN: 1530-9312

Open access

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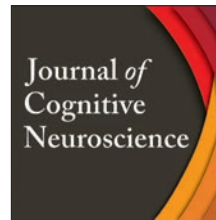
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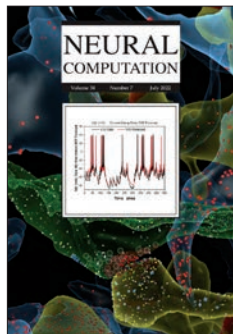


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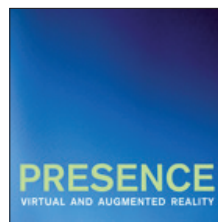


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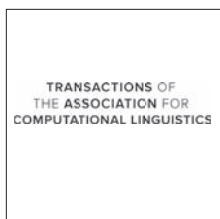
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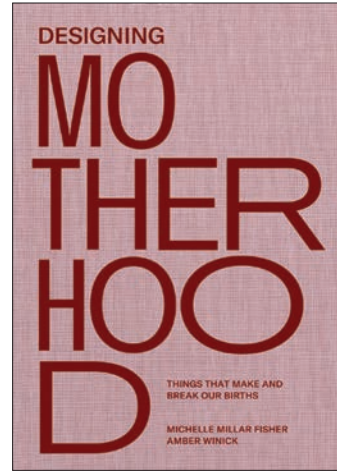




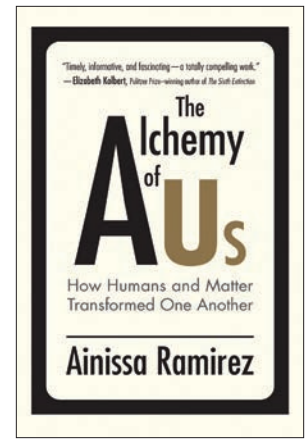
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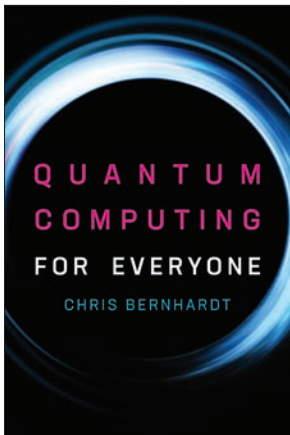
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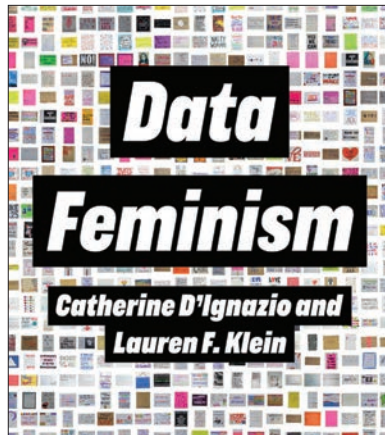
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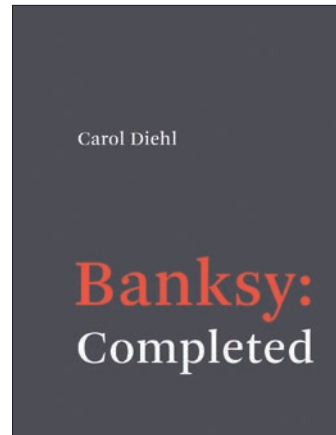
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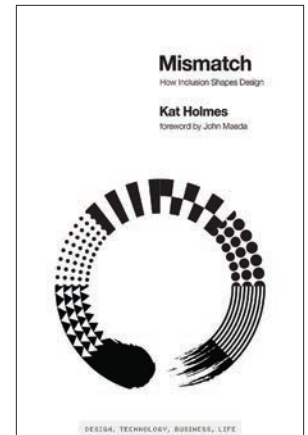
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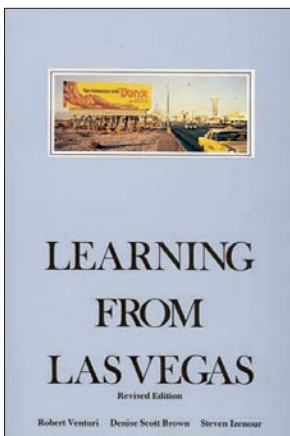
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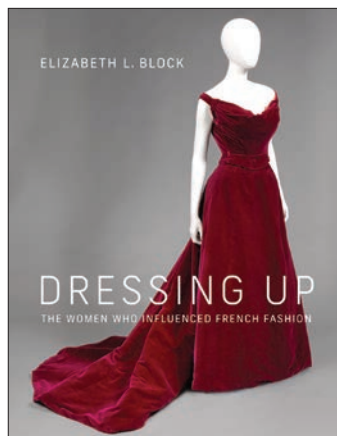
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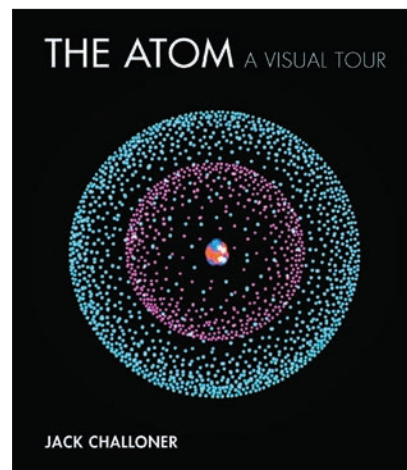
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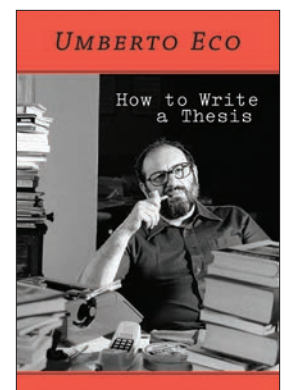
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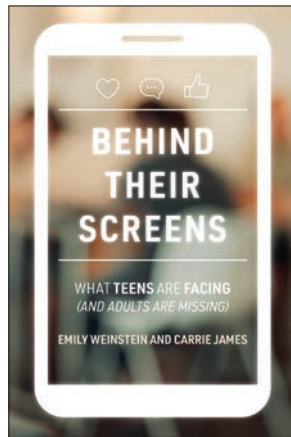


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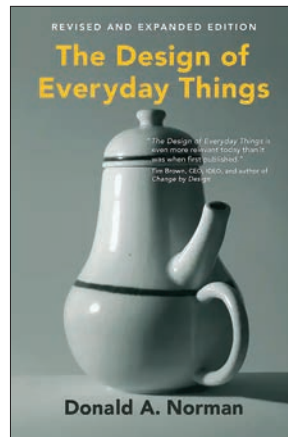
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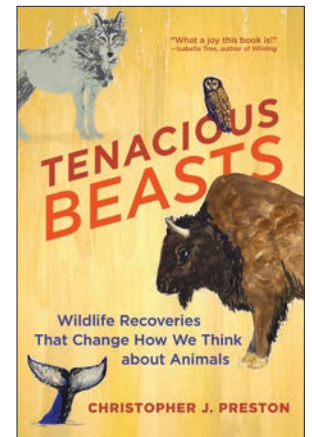
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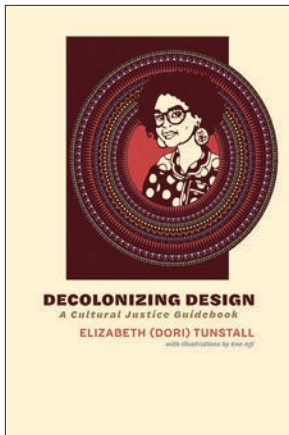
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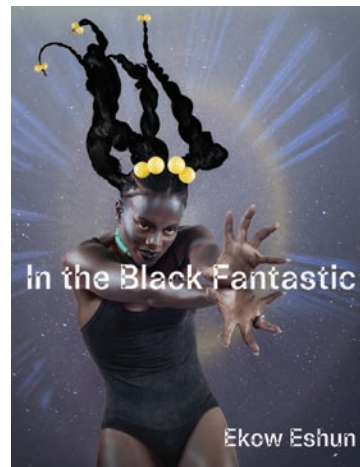
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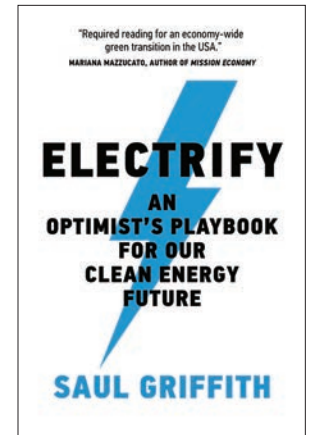
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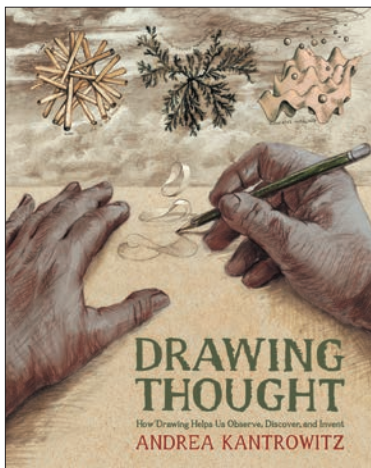
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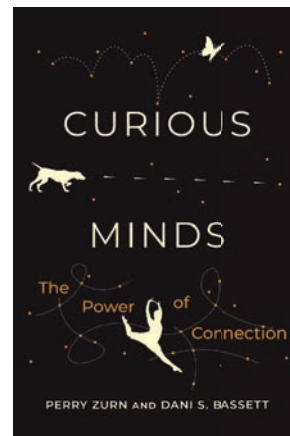
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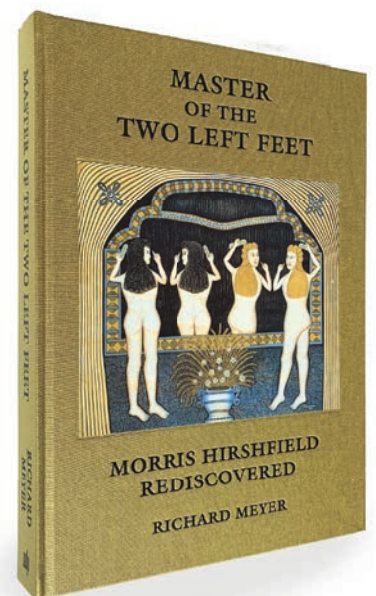
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