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# NATIONAL SCIENCE TEACHERS ASSOCIATION

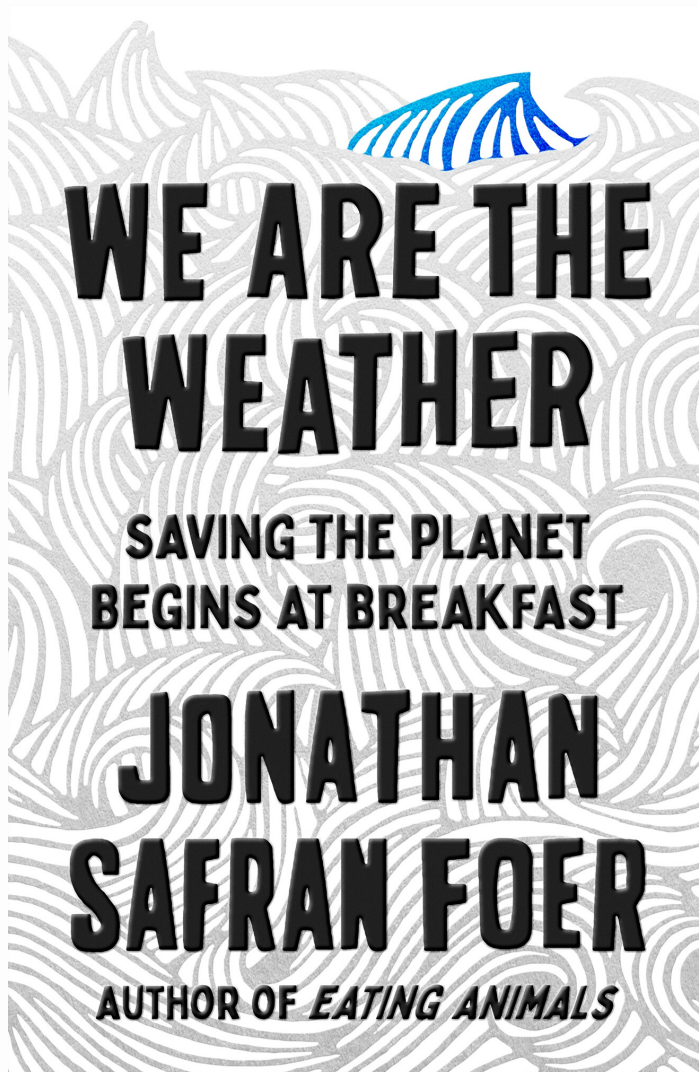
April 2-4 ~ Boston, MA

## NEW AND NOTEWORTHY TITLES

FARRAR, STRAUS & GIROUX ~ ST. MARTIN'S PUBLISHING  
GROUP ~ HENRY HOLT ~ PICADOR ~ CELADON BOOKS ~  
FLATIRON BOOKS ~ TOR/FORGE

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## **We Are the Weather**

Saving the Planet Begins at Breakfast

**Jonathan Safran Foer**

Farrar, Straus and Giroux

ISBN13: 9780374280000

Hardcover

288 Pages

\$25.00

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"A climate-based argument for eliminating meat, eggs, and dairy from the American diet . . . A vigorous and unflinching meditation on Foer's own status as a father—and a descendant of Holocaust survivors—trying to answer for his role in a man-made disaster."

—Reid Singer, *Outside*

Some people reject the fact overwhelmingly supported by scientists that our planet is warming because of human activity. But do those of us who accept the reality of human-caused climate change truly believe it? If we did, surely we would be roused to act on what we know. Will future generations distinguish between those who didn't believe in the science of global warming and those who said they accepted the science but failed to change their lives in response?

In ***We Are the Weather***, Jonathan Safran Foer explores the central global dilemma of our time in a surprising, deeply personal, and urgent new way . . . We have turned our planet into a farm for growing animal products, and the consequences are catastrophic. Only collective action will save our home and way of life. And it all starts with what we eat—and don't eat—for breakfast.

## **Falter**

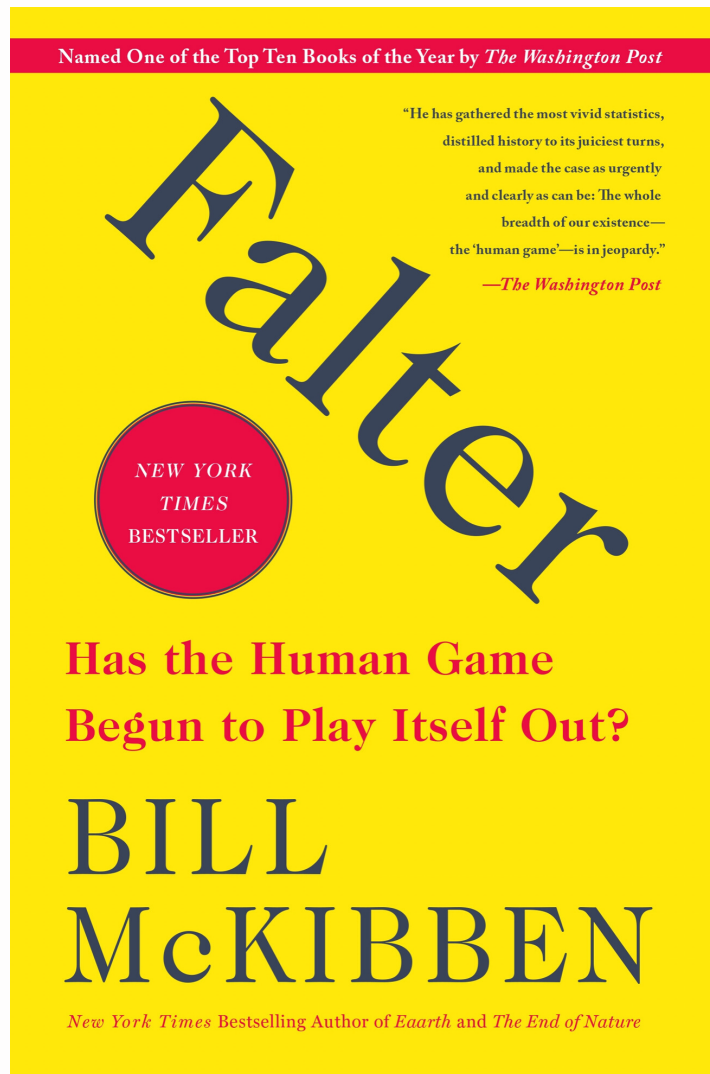
Has the Human Game Begun to Play  
Itself Out?

**Bill McKibben**

Holt Paperbacks  
ISBN13: 9781250256850  
Paperback  
304 Pages  
\$17.00  
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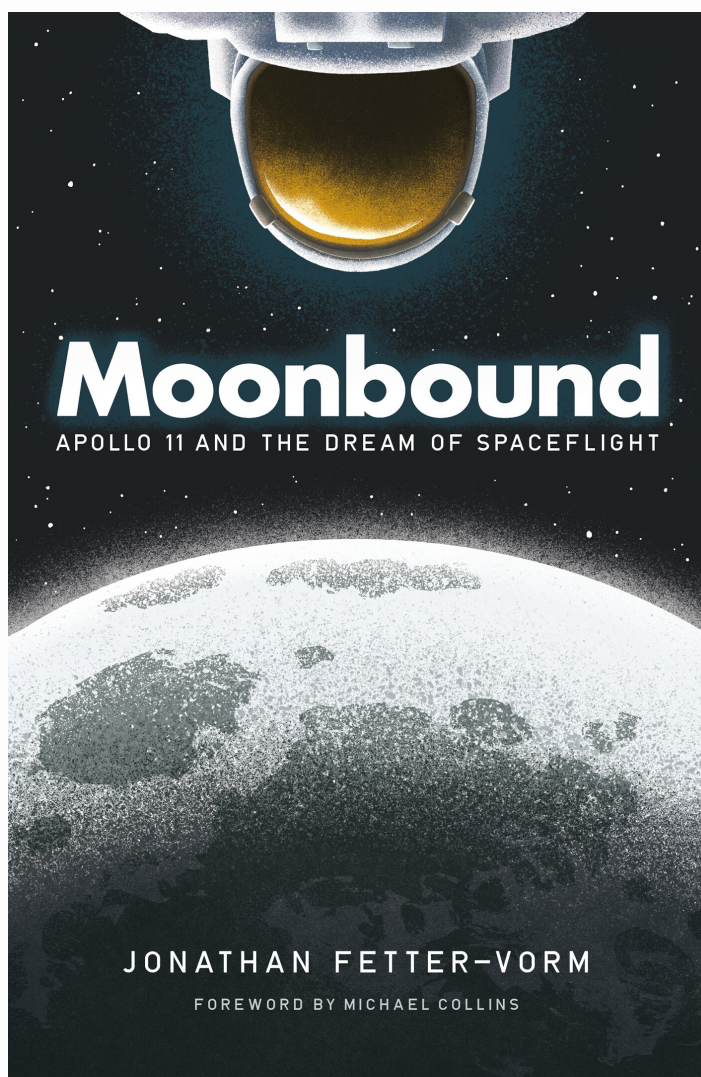
"No one has done more than Bill McKibben to raise awareness about the great issues of our time. **Falter** is an essential book—honest, far-reaching and, against the odds, hopeful."

—Elizabeth Kolbert, Pulitzer Prize-winning author of *The Sixth Extinction*



Bill McKibben's groundbreaking book, ***The End of Nature***, was the first book to alert us to global warming. But the danger is broader than that: even as climate change shrinks the space where our civilization can exist, new technologies like artificial intelligence and robotics threaten to bleach away the variety of human experience.

**Falter** tells the story of these converging trends and of the ideological fervor that keeps us from bringing them under control . . . We're at a bleak moment in human history and we'll either confront that bleakness or watch the civilization our forebears built slip away. **Falter** is a powerful and sobering call to arms, to save not only our planet but also our humanity.



## **Moonbound**

Apollo 11 and the Dream of Spaceflight

**Jonathan Fetter-Vorm**

Hill and Wang

ISBN13: 9780374537913

Paperback

256 Pages

\$19.95

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"Accessible to young adults but enjoyable for readers of all ages, ***Moonbound*** educates while it entertains."—***Science***

On a summer night in 1969, two men climbed down a ladder onto a sea of dust at the edge of an ancient dream. When Neil Armstrong and Buzz Aldrin first set foot on lunar soil, the moon ceased to be a place of mystery and myth. It became a destination.

***Moonbound*** tells the monumental story of the moon and the men who went there first. With vibrant images and meticulous attention to detail, Jonathan Fetter-Vorm conjures the long history of the visionaries, stargazers, builders, and adventurers who sent Apollo 11 on its legendary voyage.



## **Footprints**

In Search of Future Fossils

**David Farrier**

Farrar, Straus and Giroux

ISBN13: 9780374157333

Hardcover

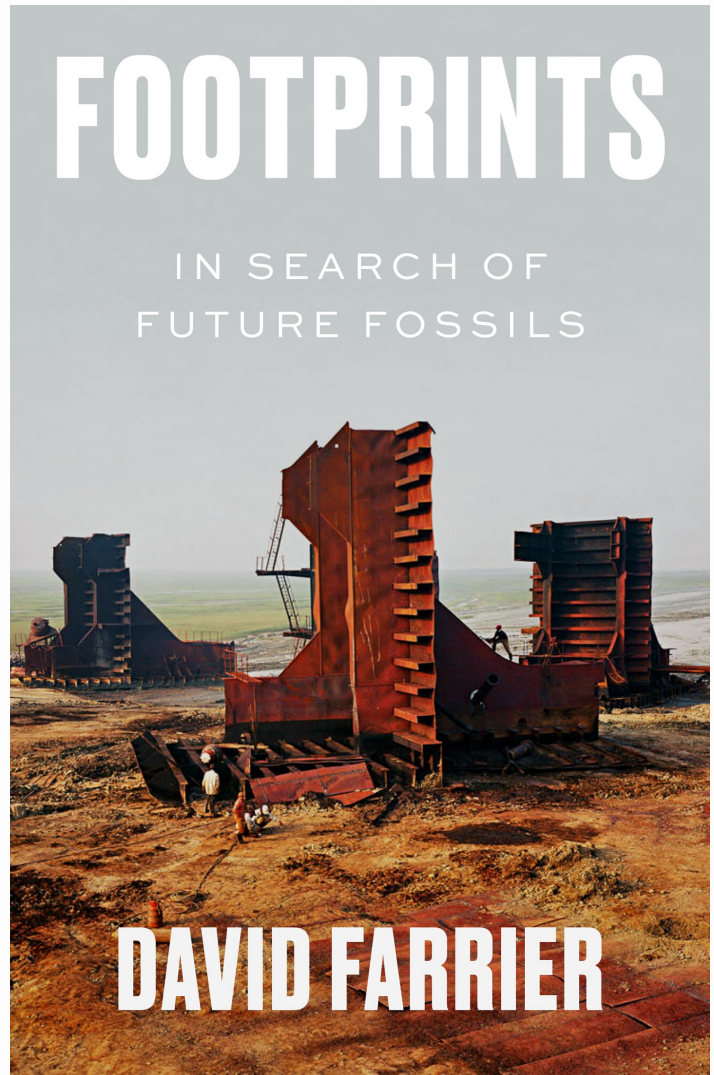
320 Pages

\$28.00

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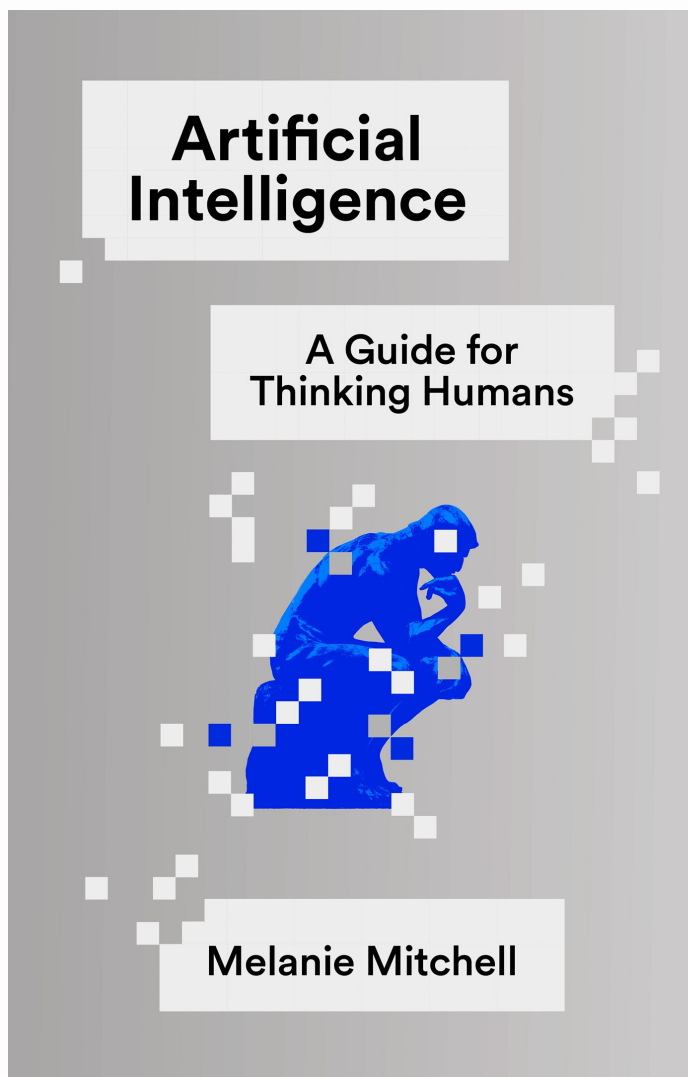
"In what endures after thousands of years, we can see something of the unspoken values of a people. And that's precisely what ***Footprints*** reveals to us . . . [Farrier's] science is clear and well-written . . . A powerful and fascinating approach to the great crisis of our time."

—**Theodore Richard**, *The New York Journal of Books*



In ***Footprints***, the award-winning author David Farrier explores the traces we will leave for the very distant future. Modern civilization has created objects and landscapes with the potential to endure through deep time, whether it is plastic polluting the oceans and nuclear waste sealed within the earth or the 30 million miles of roads spanning the planet.

Crossing the boundaries of literature, art, and science, ***Footprints*** invites us to think about how we will be remembered in the myths and stories of our distant descendants . . . As much a message of hope as a warning, ***Footprints*** will not only alter how you think about the future; it will change how you see the world today.



## **Artificial Intelligence**

A Guide for Thinking Humans

**Melanie Mitchell**

Farrar, Straus and Giroux

ISBN13: 9780374257835

Hardcover

336 Pages

\$28.00

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"Computers are capable of feats of astonishing intelligence, while at the same time lacking any semblance of common sense. Melanie Mitchell takes us through an enlightening tour of how artificial intelligence currently works, and how it falls short of true human understanding."—**Sean Carroll, author of *Something Deeply Hidden***

In ***Artificial Intelligence***, Melanie Mitchell turns to the most urgent questions concerning AI today: How intelligent—really—are the best AI programs? How do they work? What can they actually do, and when do they fail? How humanlike do we expect them to become, and how soon do we need to worry about them surpassing us?

Interweaving stories about the science of AI and the people behind it, ***Artificial Intelligence*** brims with clear-sighted, captivating, and accessible accounts of the most interesting and provocative modern work in the field, flavored with Mitchell's humor and personal observations. This frank, lively book is an indispensable guide to understanding today's AI, its quest for "human-level" intelligence, and its impact on the future for us all.

## **Automating Inequality**

How High-Tech Tools Profile, Police,  
and Punish the Poor

**Virginia Eubanks**

Picador

ISBN13: 9781250215789

Paperback

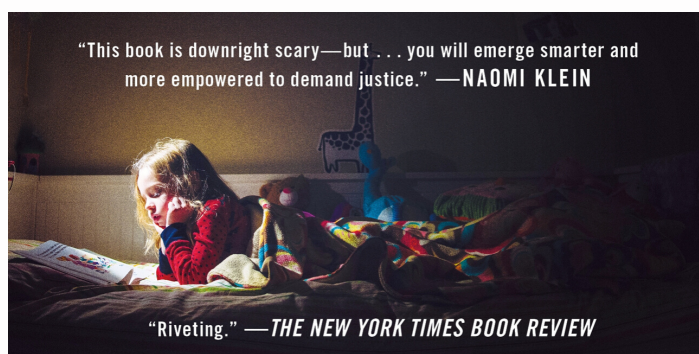
288 Pages

\$18.00

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"While technology is often touted by researchers and policymakers as a way to deliver services to the poor more efficiently, Eubanks shows that more often, it worsens inequality."

—Liza Featherstone, *The New York Times Book Review*



# AUTOMATING INEQUALITY

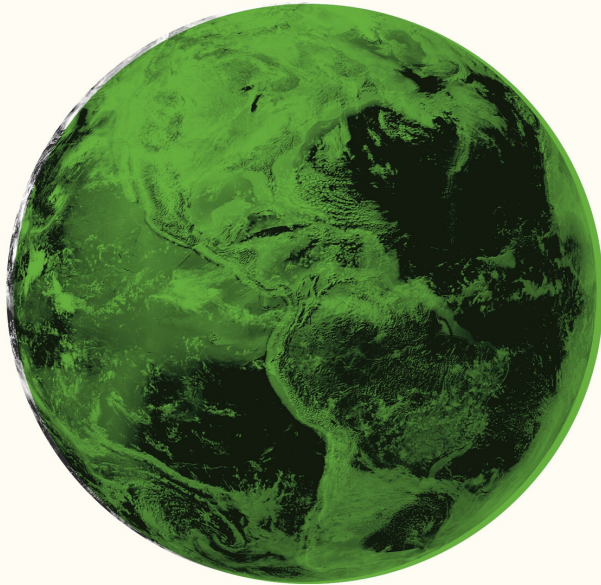
HOW HIGH-TECH TOOLS PROFILE,  
POLICE, AND PUNISH THE POOR



In ***Automating Inequality***, Virginia Eubanks systematically investigates the impacts of data mining, policy algorithms, and predictive risk models on poor and working-class people in America.

The U.S. has always used its most cutting-edge science and technology to contain, investigate, discipline and punish the destitute. Like the county poorhouse and scientific charity before them, digital tracking and automated decision-making, hide poverty from the middle-class public and give the nation the ethical distance it needs to make inhumane choices: which families get food and which starve, who has housing and who remains homeless, and which families are broken up by the state. In the process, they weaken democracy and betray our most cherished national values.

# **Losing Earth** **A Recent History** **Nathaniel Rich**



## **Losing Earth**

A Recent History

**Nathaniel Rich**

Picador

ISBN13: 9781250251251

Paperback

224 Pages

\$16.00

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"An eloquent science history, and an urgent eleventh-hour call to save what can be saved."—**Barbara Kiser, *Nature***

"Reading like a Greek tragedy, ***Losing Earth*** shows how close we came to making the right choices—if it weren't for our darker angels."

—**Adam Frank, NPR**

By 1979, we knew nearly everything we understand today about climate change—including how to stop it. Over the next decade, a handful of scientists, politicians, and strategists, led by two unlikely heroes, risked their careers in a desperate, escalating campaign to convince the world to act before it was too late. ***Losing Earth*** is their story, and ours.

[***Losing Earth***] reveals, in previously unreported detail, the birth of climate denialism and the genesis of the fossil fuel industry's coordinated effort to thwart climate policy through misinformation propaganda and political influence. The book carries the story into the present day, wrestling with the long shadow of our past failures and asking crucial questions about how we make sense of our past, our future, and ourselves.

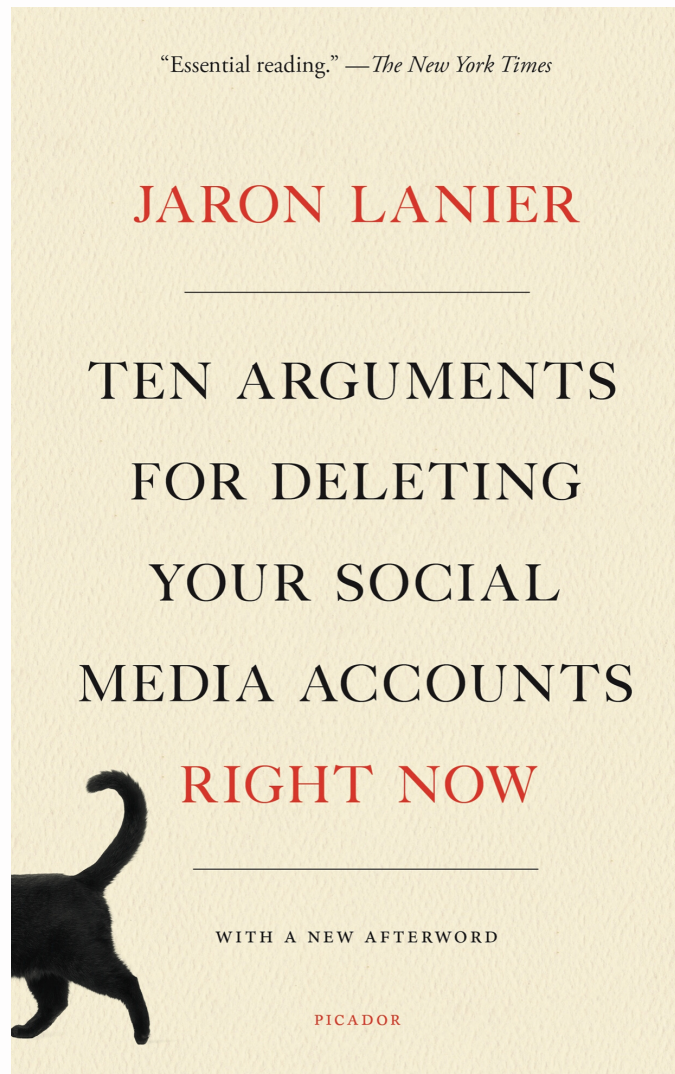


## **Ten Arguments for Deleting Your Social Media Accounts**

**Right Now**  
**Jaron Lanier**

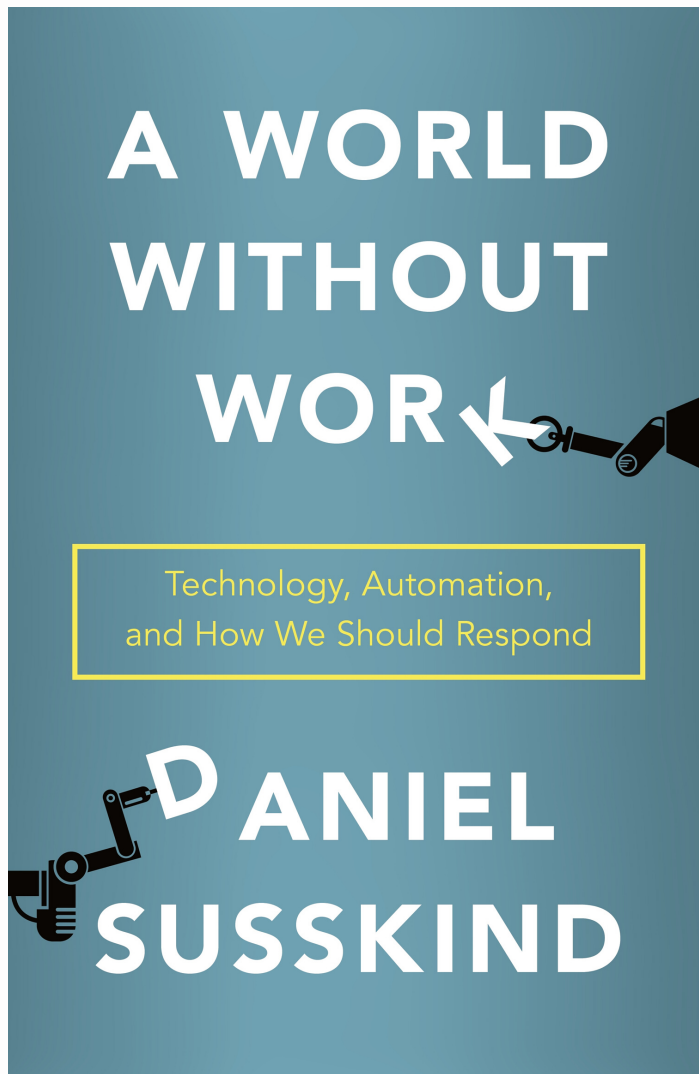
Picador  
ISBN13: 9781250239082  
Paperback  
176 Pages  
\$13.00  
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***"Ten Arguments for Deleting Your Social Media Accounts Right Now*** is not anti-tech or even anti-phone . . . Profoundly skeptical of the business model that undergirds social media, Lanier demonstrates the ways in which our social media accounts make us not consumer but product."—**Zadie Smith**, author of *White Teeth*



In ***Ten Arguments for Deleting Your Social Media Accounts Right Now***, Lanier, who participates in no social media, offers powerful and personal reasons for all of us to leave these dangerous online platforms. Lanier's reasons for freeing ourselves from social media's poisonous grip include its tendency to bring out the worst in us, to make politics terrifying, to trick us with illusions of popularity and success, to twist our relationship with the truth, to disconnect us from other people even as we are more "connected" than ever, to rob us of our free will with relentless targeted ads.

Lanier remains a tech optimist, so while demonstrating the evil that rules social media business models today, he also envisions a humanistic setting for social networking that can direct us toward a richer and fuller way of living and connecting with our world.



## **A World Without Work**

Technology, Automation, and How We  
Should Respond

**Daniel Susskind**

Metropolitan Books

ISBN13: 9781250173515

Hardcover

320 Pages

\$28.00

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"Never glib, consistently wise and well informed, this is the book to read to understand how digital technologies and artificial intelligence in particular are reshaping the economy and labor market, and how we will live alongside increasingly smart machines."

—**Jeffrey Sachs**, author of *The End of Poverty*

Drawing on almost a decade of research in the field, Susskind argues that machines no longer need to think like us in order to outperform us, as was once widely believed. As a result, more and more tasks that used to be far beyond the capability of computers—from diagnosing illnesses to drafting legal contracts, from writing news reports to composing music—are coming within their reach. The threat of technological unemployment is now real.

This is not necessarily a bad thing . . . Technological progress could bring about unprecedented prosperity, solving one of humanity's oldest problems: how to make sure that everyone has enough to live on. The challenges will be to distribute this prosperity fairly, to constrain the burgeoning power of Big Tech, and to provide meaning in a world where work is no longer the center of our lives. Perceptive, pragmatic, and ultimately hopeful, ***A World Without Work*** shows the way.

## **Proof!**

How the World Became Geometrical

**Amir Alexander**

Scientific American / Farrar, Straus and  
Giroux

ISBN13: 9780374254902

Hardcover

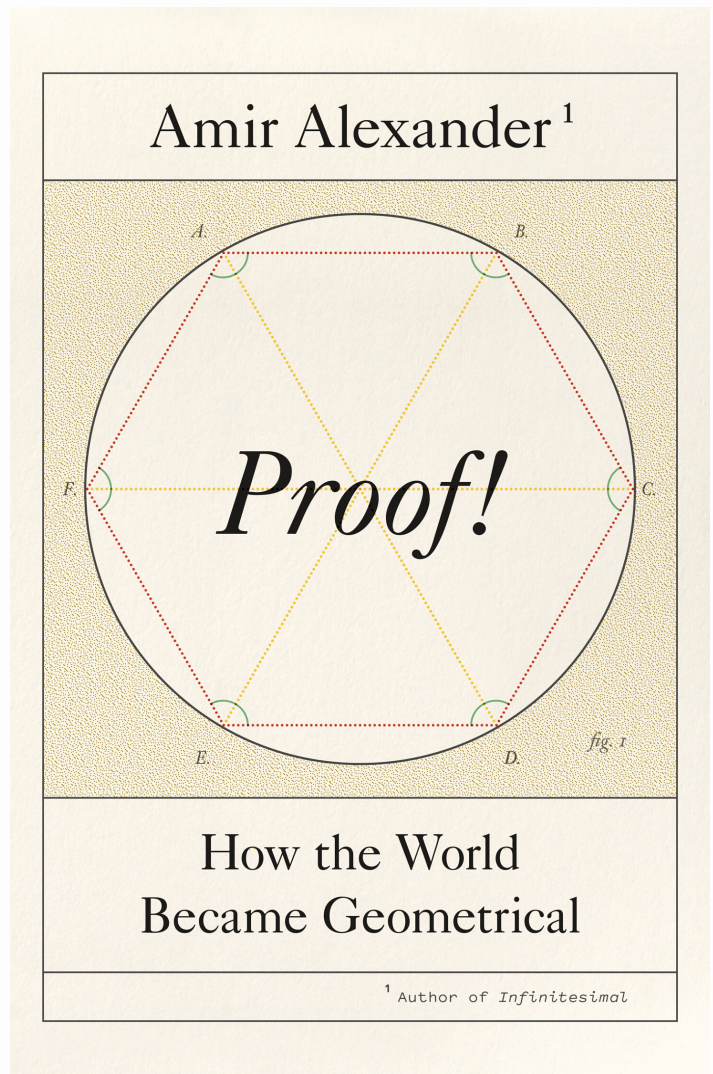
320 Pages

\$28.00

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"Geometry is at the center of this retelling of the history of modernity. Amir Alexander brings his prodigious storytelling skills to the task, and the result is elegant, illuminating, and thoroughly entertaining."

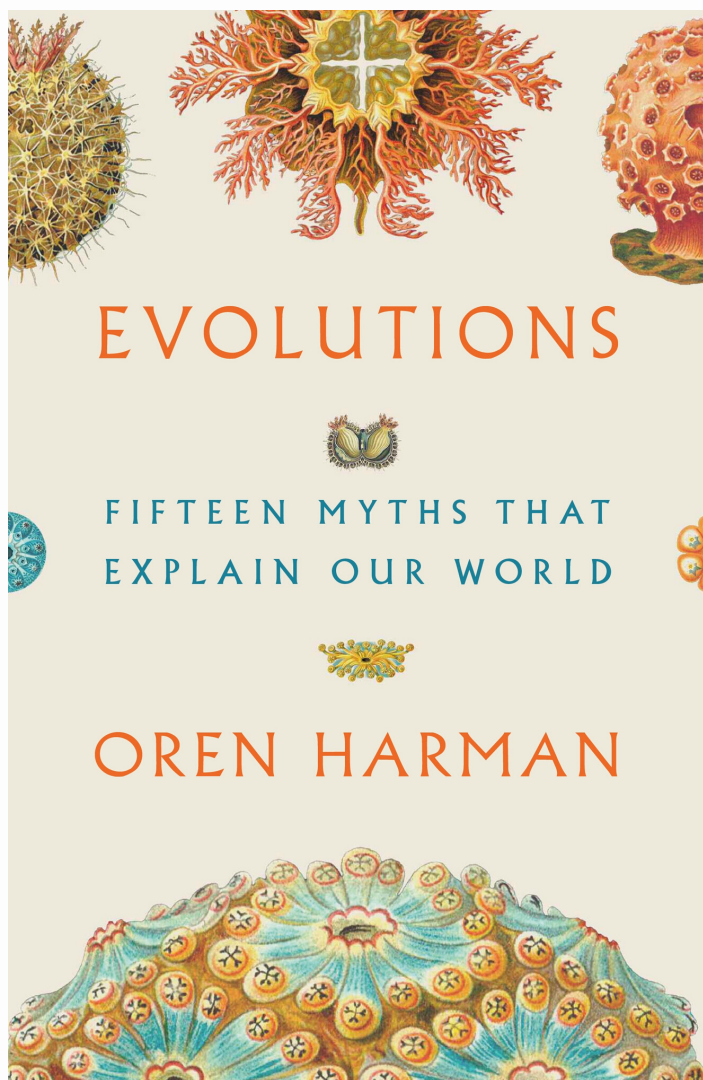
—**Michael Harris, Professor of Mathematics, Columbia University**



In ***Proof!***, the award-winning historian Amir Alexander traces the path of the geometrical vision of the world as it coursed its way from the Renaissance to the present, shaping our societies, our politics, and our ideals. Geometry came to stand for a fixed and unchallengeable universal order, and kings, empire-builders, and even republican revolutionaries would rush to cast their rule as the apex of the geometrical universe.

For who could doubt the right of a ruler or the legitimacy of a government that drew its power from the immutable principles of Euclidean geometry? From the elegant terraces of Versailles to the broad avenues of Washington, DC and on to the boulevards of New Delhi and Manila, the geometrical vision was carved into the landscape of modernity. Euclid, Alexander shows, made the world as we know it possible.





## **Evolutions**

Fifteen Myths That Explain Our World

**Oren Harman**

Farrar, Straus and Giroux

ISBN13: 9780374538415

Paperback

256 Pages

\$16.00

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"In this daring, learned, and humane book, Oren Harman attempts to create for a modern scientific understanding of the universe the myths in which, for as long as we can remember, human beings have always encoded their deepest perceptions of the truth."

—**Stephen Greenblatt, author of *The Swerve: How the World Became Modern***

Science is an astounding achievement, but are we really any wiser than the ancients? Has science revealed the secrets of fate and immortality? Has it provided protection from jealousy or love? There are those who believe that science has replaced faith, but must it also be a death knell for mythology?

***Evolutions*** brings to life the latest scientific thinking on the birth of the universe and the solar system, the journey from a single cell all the way to our human minds. Reawakening our sense of wonder and terror at the world around us and within us, Oren Harman uses modern science to create new and original mythologies. Science may not solve our existential puzzles, but like the age-old legends, its magical discoveries can help us continue the never-ending search.



## **You're Not Listening**

What You're Missing and Why It Matters

**Kate Murphy**

Celadon Books

ISBN13: 9781250297198

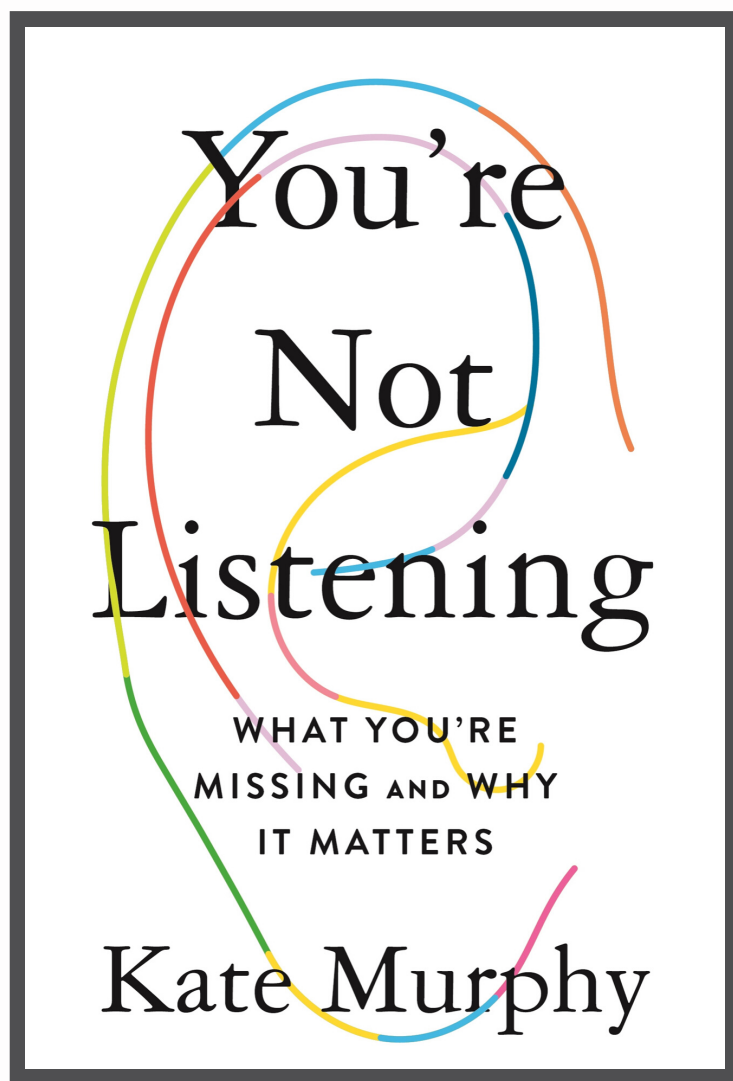
Hardcover

288 Pages

\$26.00

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"In an age when technology has made it easier than ever before to talk with each other, we've paradoxically become worse at listening. Fortunately, we have Kate Murphy to teach us how to reclaim this crucial skill. This book changed the way I think about communicating with the people who matter to me."—**Cal Newport, *The New York Times* bestselling author of *Deep Work***



Despite living in a world where technology allows constant digital communication and opportunities to connect, it seems no one is really listening or even knows how. And it's making us lonelier, more isolated, and less tolerant than ever before. A listener by trade, *The New York Times* contributor Kate Murphy wanted to know how we got here.

In this always illuminating and often humorous deep dive, Murphy explains why we're not listening, what it's doing to us, and how we can reverse the trend. She makes accessible the psychology, neuroscience, and sociology of listening while also introducing us to some of the best listeners out there . . . Equal parts cultural observation, scientific exploration, and rousing call to action that's full of practical advice, ***You're Not Listening*** is to listening what Susan Cain's ***Quiet*** was to introversion. It's time to stop talking and start listening.



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