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*A strikingly original exploration of what it might mean to be authentically human in the age of artificial intelligence, from the author of the critically-acclaimed Interior States. "Meghan O'Gieblyn is a brilliant and humble philosopher, and her book is*

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*an explosively thought-provoking,  
candidly personal ride I wished never  
to end ... This book is such an original  
synthesis of ideas and disclosures. It  
introduces what will soon be called  
the O'Gieblyn genre of essay  
writing.” —Heidi Julavits, author of*

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*The Folded Clock For most of human history the world was a magical and enchanted place ruled by forces beyond our understanding. The rise of science and Descartes's division of mind from world made materialism our ruling paradigm, in the process*

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*asking whether our own  
consciousness—i.e., souls—might be  
illusions. Now the inexorable rise of  
technology, with artificial  
intelligences that surpass our  
comprehension and control, and the  
spread of digital metaphors for self-*

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*understanding, the core questions of existence—identity, knowledge, the very nature and purpose of life itself—urgently require rethinking. Meghan O'Gieblyn tackles this challenge with philosophical rigor, intellectual reach, essayistic verve,*

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*Atoms To Economics*  
*refreshing originality, and an ironic  
sense of contradiction. She draws  
deeply and sometimes humorously  
from her own personal experience as  
a formerly religious believer still  
haunted by questions of faith, and she  
serves as the best possible guide to*

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*navigating the territory we are all  
entering.*

*In Why Information Grows, rising  
star César Hidalgo offers a radical  
interpretation of global economics  
While economists often turn to  
measures like GDP or per-capita*



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*income, César Hidalgo turns to information theory to explain the success or failure of a country's economic performance. Through a radical rethinking of what the economy is, Hidalgo shows that natural constraints in our ability to*

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*accumulate knowledge, knowhow and information explain the evolution of social and economic complexity. This is a rare tour de force, linking economics, sociology, physics, biology and information theory, to explain the evolution of social and economic*

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*systems as a consequence of the physical embodiment of information in a world where knowledge is quite literally power. César Hidalgo leads the Macro Connections group at the MIT Media Lab. A trained statistical physicist and an expert on Networks*

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*and Complex Systems, he also has extensive experience in the field of economic development and has pioneered research on how big data impacts economic decision-making. In this stunningly original book, Richard Wrangham argues that it was*

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*cooking that caused the extraordinary transformation of our ancestors from apelike beings to Homo erectus. At the heart of Catching Fire lies an explosive new idea: the habit of eating cooked rather than raw food permitted the digestive tract to shrink and the*

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*human brain to grow, helped structure human society, and created the male-female division of labour. As our ancestors adapted to using fire, humans emerged as "the cooking apes". Covering everything from food-labelling and overweight pets to raw-*

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*food faddists, Catching Fire offers a startlingly original argument about how we came to be the social, intelligent, and sexual species we are today. "This notion is surprising, fresh and, in the hands of Richard Wrangham, utterly persuasive ... Big,*

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*new ideas do not come along often in evolution these days, but this is one."*

*-Matt Ridley, author of Genome*

*This dystopian classic is 'exciting, relevant and thought-provoking'*

*(Stephen King). When a group of schoolboys are stranded on a desert*



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*island, what could go wrong? ONE  
OF THE BBC'S '100 NOVELS THAT  
SHAPED OUR WORLD' 'One of my  
favorite books - I read it every couple  
of years.' Suzanne Collins, author of  
The Hunger Games What are we?  
Humans? Or animals? Or savages?*

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*What's grown-ups going to think?  
Going off-hunting pigs-letting fires  
out-and now! A plane crashes on a  
desert island. The only survivors are a  
group of schoolboys. By day, they  
explore the dazzling beaches, gorging  
fruit, seeking shelter, and ripping off*

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*their uniforms to swim in the lagoon.  
At night, in the darkness of the jungle,  
they are haunted by nightmares of a  
primitive beast. Orphaned by society,  
they must forge their own; but it isn't  
long before their innocent games  
devolve into a murderous hunt ...*

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*'Thrills me with all the power a fiction  
can have ... Exemplary.'* Ian McEwan

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death's incandescent glare.'* Ben Okri

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novelist [who writes with] humanist  
rage and defiance.'* Marlon James

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*'Beautiful and desperate, something quite out of the ordinary.'* Stevie Smith  
*'Beautifully written, tragic and provocative.'* E. M. Forster  
*'A fragment of nightmare.'* New Statesman  
*'A post-apocalyptic, dystopian survivor-fantasy ... [A*

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*novel] for all time ... A cult classic.'*  
*Guardian 'Stands out mightily in my  
memory ... Such a strong statement  
about the human heart.'* Patricia  
*Cornwell 'Terrifying and haunting.'*  
*Kingsley Amis What readers are  
saying: 'Every real human being*

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*should read this ... This is what we are.' 'It's brilliant, it's captivating, it's thought provoking and brutal and for some, its truly terrifying.' 'It can be read and re-read many times, and every time something new will appear.' 'There is a reason why this is*

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*Workshop Summary*

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students not only the tools to analyze**

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**growth and related macroeconomic problems, but also the broad perspective needed to apply those tools to the big-picture questions of growth and divergence. And he introduces the economic and mathematical foundations of modern growth theory and macroeconomics in a rigorous but**

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**easy to follow manner. After covering the necessary background on dynamic general equilibrium and dynamic optimization, the book presents the basic workhorse models of growth and takes students to the frontier areas of growth theory, including models of human capital, endogenous**

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**growth Provides mathematical foundations Presents dynamic general equilibrium Covers models such as basic Solow, neoclassical growth, and overlapping generations, as well as models of endogenous technology and international linkages Addresses frontier research areas such as**

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references and extensive illustrations  
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**invertebrate cartilages Includes new chapters on evolutionary skeletal biology that highlight normal variation and variability, and variation outside the norm (neomorphs, atavisms) Updates hypotheses on the origination of cartilage using new phylogenetic, cellular and genetic data Covers stem**

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2012. Why are some  
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from ancient Rome  
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modern-day China,  
leading academics Daron  
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Robinson show that to

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invest and prosper,  
people need to know that  
if they work hard, they  
can make money and  
actually keep it - and  
this means sound  
institutions that allow

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fascinated with trying  
to understand the human  
mind. As psychiatrists,  
their quest takes them  
from the squalor of the  
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to the crowded lecture  
halls of the renowned  
Professor Charcot in  
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California to the plains  
of unexplored Africa. As



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the concerns of the old  
century fade and the  
First World War divides  
Europe, the two men's  
volatile relationship  
develops and changes,  
but is always tempered

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by one exceptional  
woman; Thomas's sister  
Sonia. Moving and  
challenging in equal  
measure, Human Traces  
explores the question of  
what kind of beings men

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explanation based on "Economic  
Complexity," a measure of a  
society's productive knowledge.  
Prosperous societies are those that  
have the knowledge to make a  
larger variety of more complex  
products. The Atlas of Economic  
Complexity attempts to measure

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**the amount of productive knowledge countries hold and how they can move to accumulate more of it by making more complex products. Through the graphical representation of the "Product Space," the authors are able to identify each country's "adjacent**



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possible," or potential new products, making it easier to find paths to economic diversification and growth. In addition, they argue that a country's economic complexity and its position in the product space are better predictors of economic growth than many

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**other well-known development indicators, including measures of competitiveness, governance, finance, and schooling. Using innovative visualizations, the book locates each country in the product space, provides complexity and growth potential rankings for 128**

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**countries, and offers individual country pages with detailed information about a country's current capabilities and its diversification options. The maps and visualizations included in the Atlas can be used to find more viable paths to greater productive**

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**the choices that allow companies  
to: Achieve growth while reducing  
costs Manage transformation and  
transition productively Create  
lasting competitive advantage  
Deliver reliable, high-value  
performance Sustainable success  
is founded on efficiency and high**

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**performance. Companies are always looking to do more with less, but their efforts often work against them in the long run. Total business transformation requires total buy-in, and it entails a series of decisions that must not be made lightly. The Fit for Growth approach**

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**'Dazzling...Pinker's big idea is that**

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**language is an instinct...as innate to us as flying is to geese...Words can hardly do justice to the superlative range and liveliness of Pinker's investigations' - Independent 'A marvellously readable book...illuminates every facet of human language: its biological**

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**origin, its uniqueness to humanity,  
it acquisition by children, its  
grammatical structure, the  
production and perception of  
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disorders and the unstoppable  
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All animals are equal but  
some animals are more equal  
than others. It's just an  
ordinary farm - until the  
animals revolt. They get rid  
of the irresponsible farmer.  
The other animals are sure

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that life is improving, but as systems are replaced and half-truths are retold, a new hierarchy emerges . . .

Orwell's tale of propaganda, power and greed has never felt more pertinent. With an



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exciting new cover and inside  
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The brain ... There is no  
other part of the human  
anatomy that is so intriguing.  
How does it develop and

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function and why does it  
sometimes, tragically,  
degenerate? The answers are  
complex. In *Discovering the  
Brain*, science writer Sandra  
Ackerman cuts through the  
complexity to bring this vital

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topic to the public. The 1990s were declared the "Decade of the Brain" by former President Bush, and the neuroscience community responded with a host of new investigations and

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conferences. Discovering the  
Brain is based on the Institute  
of Medicine conference,  
Decade of the Brain:  
Frontiers in Neuroscience and  
Brain Research. Discovering  
the Brain is a "field guide" to

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the brain--an easy-to-read discussion of the brain's physical structure and where functions such as language and music appreciation lie. Ackerman examines How electrical and chemical

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signals are conveyed in the brain. The mechanisms by which we see, hear, think, and pay attention--and how a "gut feeling" actually originates in the brain. Learning and memory retention, including

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parallels to computer memory  
and what they might tell us  
about our own mental  
capacity. Development of the  
brain throughout the life span,  
with a look at the aging brain.  
Ackerman provides an

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enlightening chapter on the connection between the brain's physical condition and various mental disorders and notes what progress can realistically be made toward the prevention and treatment



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of stroke and other ailments. Finally, she explores the potential for major advances during the "Decade of the Brain," with a look at medical imaging techniques--what various technologies can and

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cannot tell us--and how the public and private sectors can contribute to continued advances in neuroscience. This highly readable volume will provide the public and policymakers--and many

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scientists as well--with a helpful guide to understanding the many discoveries that are sure to be announced throughout the "Decade of the Brain."

An ethologist shows man to

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be a gene machine whose  
world is one of savage  
competition and deceit  
First published in 1943, The  
Little Prince by Antoine de  
Saint-Exupéry has been  
translated into more than 250

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languages, becoming a global phenomenon. The Sahara desert is the scenery of Little Prince ' s story. The narrator ' s plane has crashed there and he has scarcely some food and water to

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survive. Trying to  
comprehend what caused the  
crash, the Little Prince  
appears. The serious blonde  
little boy asks to draw him a  
sheep. The narrator consents  
to the strange fellow ' s

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request. They soon become friends and the Little Prince informs the pilot that he is from a small planet, the asteroid 325, talks to him about the baobabs, his planet volcanoes and the mysterious

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rose that grew on his planet. He also talks to him about their friendship and the lie that evoked his journey to other planets. Often puzzled by the grown-ups ' behavior, the little traveler becomes a



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total and eternal symbol of  
innocence and love, of  
responsibility and devotion.  
Through him we get to see  
how insightful children are  
and how grown-ups aren't.  
Children use their heart to

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feel what 's really important,  
not the eyes. Heart-breaking,  
funny and thought-provoking,  
it is an enchanting and  
endlessly wise fable about the  
human condition and the  
power of imagination. A book

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about both childhood and adulthood, it can be read as a parable, a war story, a classic children's fairy-tale, and many more things besides: The Little Prince is a book for everyone; after all, all grown-

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ups were children, once.

Evolution and the Challenges  
of Modern Life

The phenomenal Sunday  
Times bestseller exploring  
how fungi make our worlds,  
change our minds and shape

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A Guide to Our Future

The Tangled Tree

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A Natural History of the  
Future

How people judge humans and machines differently, in scenarios involving natural disasters, labor displacement, policing, privacy, algorithmic bias, and more. How would

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you feel about losing your job to a machine? How about a tsunami alert system that fails? Would you react differently to acts of discrimination depending on whether they were carried out by a machine or by a human? What about public surveillance? How Humans Judge

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Machines compares people's reactions to actions performed by humans and machines. Using data collected in dozens of experiments, this book reveals the biases that permeate human-machine interactions. Are there conditions in which we judge machines unfairly? Is our judgment of machines



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affected by the moral dimensions of a scenario? Is our judgment of machine correlated with demographic factors such as education or gender? César Hidalgo and colleagues use hard science to take on these pressing technological questions. Using randomized experiments, they create revealing

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counterfactuals and build statistical models to explain how people judge artificial intelligence and whether they do it fairly. Through original research, *How Humans Judge Machines* bring us one step closer to understanding the ethical consequences of AI.

Rev. ed. of: *The experience economy:*

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work is theatre & every business a stage. 1999.

A famed political scientist's classic argument for a more cooperative world We assume that, in a world ruled by natural selection, selfishness pays. So why cooperate? In The Evolution of Cooperation, political scientist Robert

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Axelrod seeks to answer this question. In 1980, he organized the famed Computer Prisoners Dilemma Tournament, which sought to find the optimal strategy for survival in a particular game. Over and over, the simplest strategy, a cooperative program called Tit for Tat, shut out the

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competition. In other words, cooperation, not unfettered competition, turns out to be our best chance for survival. A vital book for leaders and decision makers, The Evolution of Cooperation reveals how cooperative principles help us think better about everything from military strategy, to

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political elections, to family dynamics. A bold, provocative history of our species finds the roots of civilization's success and failure in our evolutionary biology. We are living through the most prosperous age in all of human history, yet people are more listless, divided and miserable than ever. Wealth and

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comfort are unparalleled, and yet our political landscape grows ever more toxic, and rates of suicide, loneliness, and chronic illness continue to skyrocket. How do we explain the gap between these two truths? What's more, what can we do to close it? For evolutionary biologist Heather Heying

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and Bret Weinstein, the cause of our woes is clear: the modern world is out of sync with our ancient brains and bodies. We evolved to live in clans, but today most people don't even know their neighbors' names. Traditional gender roles once served a necessary evolutionary purpose, but today we



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dismiss them as regressive. The cognitive dissonance spawned by trying to live in a society we're not built for is killing us. In this book, Heying and Weinstein cut through the politically fraught discourse surrounding issues like sex, gender, diet, parenting, sleep, education, and more to outline a

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provocative, science-based worldview that will empower you to live a better, wiser life. They distill more than 20 years of research and first-hand accounts from the most biodiverse ecosystems on Earth into straight forward principles and guidance for confronting our culture of hyper-

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Discovering the Brain

From Paul Mason, the award-winning Channel 4 presenter, *Postcapitalism* is a guide to our era of seismic economic change, and how we can build a more equal society. Over the past two

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centuries or so, capitalism has undergone continual change - economic cycles that lurch from boom to bust - and has always emerged transformed and strengthened. Surveying this turbulent history, Paul Mason wonders whether today we are

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on the brink of a change so big, so profound, that this time capitalism itself, the immensely complex system by which entire societies function, has reached its limits and is changing into something wholly new. At the heart of this change is information technology:

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a revolution that, as Mason shows, has the potential to reshape utterly our familiar notions of work, production and value; and to destroy an economy based on markets and private ownership - in fact, he contends, it is already doing so. Almost unnoticed, in

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the niches and hollows of the market system, whole swathes of economic life are changing.. Goods and services that no longer respond to the dictates of neoliberalism are appearing, from parallel currencies and time banks, to cooperatives and self-managed online



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spaces. Vast numbers of people are changing their behaviour, discovering new forms of ownership, lending and doing business that are distinct from, and contrary to, the current system of state-backed corporate capitalism. In this groundbreaking book Mason

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shows how, from the ashes of the recent financial crisis, we have the chance to create a more socially just and sustainable global economy.

Moving beyond capitalism, he shows, is no longer a utopian dream. This is the first time in human history in which,

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equipped with an understanding of what is happening around us, we can predict and shape, rather than simply react to, seismic change.

The smash-hit Sunday Times bestseller that will transform your understanding of our planet and life itself. 'Dazzling,

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vibrant, vision-changing' Robert  
Macfarlane Winner of the Royal  
Society Science Book Prize 2021  
Winner of the Wainwright Prize for  
Conservation Writing 2021 The more  
we learn about fungi, the less makes  
sense without them. They can change

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our minds, heal our bodies and even help us avoid environmental disaster; they are metabolic masters, earth-makers and key players in most of nature's processes. In *Entangled Life*, Merlin Sheldrake takes us on a mind-altering journey into their spectacular

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world, and reveals how these extraordinary organisms transform our understanding of our planet and life itself. 'Gorgeous!' Margaret Atwood (on Twitter) 'Reads like an adventure story... Wondrous' Sunday Times 'Urgent, astounding and necessary'

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Helen Macdonald 'A magical writer'  
Russell Brand \* A Sunday Times, Daily  
Telegraph, New Statesman, The Times,  
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BBC Science Focus, TLS and Time  
Book of the Year \*  
How we raise young children is one of

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today's most highly personalized and sharply politicized issues, in part because each of us can claim some level of "expertise." The debate has intensified as discoveries about our development-in the womb and in the first months and years-have reached



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the popular media. How can we use our burgeoning knowledge to assure the well-being of all young children, for their own sake as well as for the sake of our nation? Drawing from new findings, this book presents important conclusions about nature-versus-

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nurture, the impact of being born into a working family, the effect of politics on programs for children, the costs and benefits of intervention, and other issues. The committee issues a series of challenges to decision makers regarding the quality of child care,

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issues of racial and ethnic diversity, the integration of children's cognitive and emotional development, and more. Authoritative yet accessible, *From Neurons to Neighborhoods* presents the evidence about "brain wiring" and how kids learn to speak, think, and regulate

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their behavior. It examines the effect of the climate-family, child care, community-within which the child grows.

This new edition of Friedman's landmark book explains the flattening of the world better than ever- and take

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a new measure of the effects of this  
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*Over 6.4 billion people  
participate in a \$36.5  
trillion global economy,*

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*designed and overseen by no one. How did this marvel of self-organized complexity evolve? How is wealth created within this system? And how can wealth be increased for the benefit of individuals, businesses, and*

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*society? In The Origin of  
Wealth, Eric D. Beinhocker  
argues that modern science  
provides a radical  
perspective on these age-old  
questions, with far-reaching  
implications. According to  
Beinhocker, wealth creation*



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*is the product of a simple  
but profoundly powerful  
evolutionary formula:  
differentiate, select, and  
amplify. In this view, the  
economy is a "complex  
adaptive system" in which  
physical technologies,*

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*social technologies, and  
business designs  
continuously interact to  
create novel products, new  
ideas, and increasing  
wealth. Taking readers on an  
entertaining journey through  
economic history, from the*

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*Stone Age to modern economy,  
Beinhocker explores how  
"complexity economics"  
provides provocative  
insights on issues ranging  
from creating adaptive  
organizations to the  
evolutionary workings of*

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*"Hidalgo has made a bold attempt to synthesize a large body of cutting-edge work into a readable, slender volume. This is the future of growth theory." -- Financial Times What is*

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*economic growth? And why,  
historically, has it  
occurred in only a few  
places? Previous efforts to  
answer these questions have  
focused on institutions,  
geography, finances, and  
psychology. But according to*

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*MIT's antidisiplinarian Cér  
Hidalgo, understanding the  
nature of economic growth  
demands transcending the  
social sciences and  
including the natural  
sciences of information,  
networks, and complexity. To*

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*understand the growth of economies, Hidalgo argues, we first need to understand the growth of order. At first glance, the universe seems hostile to order. Thermodynamics dictates that over time, order-or*



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*information-disappears.*

*Whispers vanish in the wind  
just like the beauty of  
swirling cigarette smoke  
collapses into disorderly  
clouds. But thermodynamics  
also has loopholes that  
promote the growth of*

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*information in pockets.  
Although cities are all  
pockets where information  
grows, they are not all the  
same. For every Silicon  
Valley, Tokyo, and Paris,  
there are dozens of places  
with economies that*

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*atoms to economies*  
accomplish little more than  
pulling rocks out of the  
ground. So, why does the US  
economy outstrip Brazil's,  
and Brazil's that of Chad?  
Why did the technology  
corridor along Boston's  
Route 128 languish while

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*Silicon Valley blossomed? In each case, the key is how people, firms, and the networks they form make use of information. Seen from Hidalgo's vantage, economies become distributed computers, made of networks*

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*of people, and the problem  
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of economic development  
becomes the problem of  
making these computers more  
powerful. By uncovering the  
mechanisms that enable the  
growth of information in  
nature and society, Why*

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*Information Grows* lays bear  
the origins of physical  
order and economic growth.  
Situated at the nexus of  
information theory, physics,  
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*do not just more things, but  
more interesting things.*

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world upended by rapidly  
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now provides a road map to*

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*solving many of our most  
pressing crises. “Explosive  
. . . brilliantly  
formulated.” –The Wall  
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is the classic that changed  
our view of tomorrow. Its  
startling insights into*



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*accelerating change led a  
president to ask his  
advisers for a special  
report, inspired composers  
to write symphonies and rock  
music, gave a powerful new  
concept to social science,  
and added a phrase to our*

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*language. Published in over  
fifty countries, Future  
Shock is the most important  
study of change and  
adaptation in our time. In  
many ways, Future Shock is  
about the present. It is  
about what is happening*

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*Atoms To Economies*  
today to people and groups  
who are overwhelmed by  
change. Change affects our  
products, communities,  
organizations—even our  
patterns of friendship and  
love. But *Future Shock* also  
illuminates the world of

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*tomorrow by exploding  
Atoms To Economies  
countless clichés about  
today. It vividly describes  
the emerging global  
civilization: the rise of  
new businesses, subcultures,  
lifestyles, and human  
relationships—all of them*

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*temporary. Future Shock will intrigue, provoke, frighten, encourage, and, above all, change everyone who reads it.*

*The main driver of inequality—returns on capital that exceed the rate*

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**rising productivity gap  
between the global frontier  
and other firms, and  
identifies a number of  
structural impediments  
constraining business start-  
ups, knowledge diffusion**

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**and resource allocation  
(such as barriers to up-  
scaling and relatively high  
rates of skill mismatch).  
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**understanding of evolution  
and life's history. In the  
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reexamine the history of all  
life. Perhaps the most  
startling discovery to come**

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**out of this new field—the  
study of life's diversity and  
relatedness at the  
molecular level—is  
horizontal gene transfer  
(HGT), or the movement of  
genes across species lines.**

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grandest tale in  
biology....David Quammen  
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the scientists  
involved—with patience,  
candor, and flair” (Nature).**

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**about “mosaic” creatures  
proved to be true; and  
Tsutomu Wantanabe, who  
discovered that the scourge  
of antibiotic-resistant  
bacteria is a direct result of  
horizontal gene transfer,**

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**bringing the deep study of  
genome histories to bear on  
a global crisis in public  
health. “David Quammen  
proves to be an immensely  
well-informed guide to a  
complex story” (The Wall**

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**Street Journal). In The  
Tangled Tree, he explains  
how molecular studies of  
evolution have brought  
startling recognitions about  
the tangled tree of  
life—including where we**

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**humans fit upon it. Thanks  
to new technologies, we  
now have the ability to alter  
even our genetic  
composition—through  
sideways insertions, as  
nature has long been doing.**

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**“The Tangled Tree is a  
source of**

**wonder....Quammen has  
written a deep and daring  
intellectual adventure”  
(The Boston Globe).**

**Over the past century, our**

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**species has made  
unprecedented  
technological innovations  
with which we have sought  
to control nature. From  
river levees to enormous  
one-crop fields, we continue**

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**to try to reshape nature for  
our purposes - so much so  
it seems we may be in  
danger of destroying it. In A  
Natural History of the  
Future, biologist Rob Dunn  
argues that nothing could**

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**be further from the truth:  
rather than asking whether  
nature will survive us,  
better to ask whether we  
will survive nature. Despite  
our best - or worst - efforts  
to control the biological**



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**world, life has its own rules,  
and no amount of human  
tampering can rewrite  
them. Elucidating several  
fundamental laws of  
ecology, evolution, and  
biogeography, Dunn shows**

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**why life cannot be stopped.  
We sequester our crops on  
monocultured fields, only to  
find new life emerging to  
attack them. We dump toxic  
waste only to find microbes  
to colonize it. And even in**

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**the London Tube, we have  
seen a new species of  
mosquito emerge to take  
advantage of an apparently  
inhospitable habitat. Life  
will not be repressed by our  
best-laid plans. Instead,**

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**Dunn shows us a vision of the biological future and the challenges the next generations could face. A Natural History of the Future sets a new standard for understanding the**

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**diversity of life and our  
future as a species.**

**Geoffrey West's research  
centres on a quest to find  
unifying principles and  
patterns connecting  
everything, from cells and**

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**ecosystems to cities, social  
networks and businesses.  
Why do organisms and  
ecosystems scale with size  
in a remarkably universal  
and systematic fashion? Is  
there a maximum size of**

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**cities? Of animals and  
plants? What about  
companies? Can scale show  
us how to create a more  
sustainable future? By  
applying the rigour of  
physics to questions of**

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**biology, visionary physicist  
Geoffrey West found that  
despite the riotous diversity  
in the sizes of mammals,  
they are all, to a large  
degree, scaled versions of  
each other. This speaks to**



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**everything from how long  
we can expect to live to how  
many hours of sleep we  
need. He then made the  
even bolder move of  
exploring his work's  
applicability to cities and to**

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**the business world. These investigations have led to powerful insights about the elemental natural laws that bind us together in profound ways, and how all complex systems are**

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**dancing to the same simple  
tune, however diverse and  
unrelated they may seem.**

**Entangled Life**

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Machines  
Mapping Paths to  
Prosperity  
God, Human, Animal,  
Machine  
Review of Austrian**

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*THE TOP 10 SUNDAY TIMES  
BESTSELLER Shortlisted for the FT  
Business Book of the Year Award  
2019 'Easily the most important book  
to be published this century. I find it  
hard to take any young activist  
seriously who hasn't at least*

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*familiarised themselves with Zuboff's central ideas.' - Zadie Smith, The Guardian*  
*The challenges to humanity posed by the digital future, the first detailed examination of the unprecedented form of power called "surveillance capitalism," and the quest by powerful corporations to*

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*predict and control us. The heady optimism of the Internet's early days is gone. Technologies that were meant to liberate us have deepened inequality and stoked divisions. Tech companies gather our information online and sell it to the highest bidder, whether government or retailer. Profits*

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now depend not only on predicting our  
behaviour but modifying it too. How  
will this fusion of capitalism and the  
digital shape our values and define our  
future? Shoshana Zuboff shows that  
we are at a crossroads. We still have  
the power to decide what kind of world  
we want to live in, and what we decide



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*now will shape the rest of the century. Our choices: allow technology to enrich the few and impoverish the many, or harness it and distribute its benefits. The Age of Surveillance Capitalism is a deeply-reasoned examination of the threat of unprecedented power free from*

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*democratic oversight. As it explores this new capitalism's impact on society, politics, business, and technology, it exposes the struggles that will decide both the next chapter of capitalism and the meaning of information civilization. Most critically, it shows how we can protect ourselves*

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*and our communities and ensure we  
are the masters of the digital rather  
than its slaves.*

*In 1996, the Institute of Medicine  
(IOM) released its report  
Telemedicine: A Guide to Assessing  
Telecommunications for Health Care.  
In that report, the IOM Committee on*

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*Evaluating Clinical Applications of  
Telemedicine found telemedicine is  
similar in most respects to other  
technologies for which better evidence  
of effectiveness is also being  
demanded. Telemedicine, however,  
has some special characteristics-  
shared with information technologies*

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*generally-that warrant particular notice  
from evaluators and decision makers.  
Since that time, attention to telehealth  
has continued to grow in both the  
public and private sectors. Peer-  
reviewed journals and professional  
societies are devoted to telehealth, the  
federal government provides grant*

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*funding to promote the use of telehealth, and the private technology industry continues to develop new applications for telehealth. However, barriers remain to the use of telehealth modalities, including issues related to reimbursement, licensure, workforce, and costs. Also, some areas of*

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*telehealth have developed a stronger evidence base than others. The Health Resources and Service Administration (HRSA) sponsored the IOM in holding a workshop in Washington, DC, on August 8-9 2012, to examine how the use of telehealth technology can fit into the U.S. health care system.*

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*HRSA asked the IOM to focus on the potential for telehealth to serve geographically isolated individuals and extend the reach of scarce resources while also emphasizing the quality and value in the delivery of health care services. This workshop summary discusses the evolution of telehealth*



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*since 1996, including the increasing role of the private sector, policies that have promoted or delayed the use of telehealth, and consumer acceptance of telehealth. The Role of Telehealth in an Evolving Health Care Environment: Workshop Summary discusses the current evidence base for telehealth,*

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*including available data and gaps in data; discuss how technological developments, including mobile telehealth, electronic intensive care units, remote monitoring, social networking, and wearable devices, in conjunction with the push for electronic health records, is changing the*

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*delivery of health care in rural and urban environments. This report also summarizes actions that the U.S. Department of Health and Human Services (HHS) can undertake to further the use of telehealth to improve health care outcomes while controlling costs in the current health care*

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*environment.*  
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