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Grow the Pie

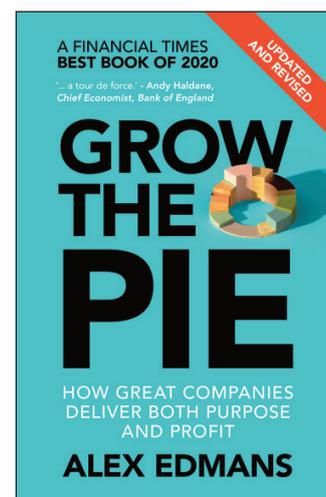
How Great Companies Deliver Both Purpose and Profit – Updated and Revised

Alex Edmans

London Business School

Description

A Financial Times Book of the Year 2020! Should companies be run for profit or purpose? In this ground-breaking book, acclaimed finance professor and TED speaker Alex Edmans shows it's not an either-or choice. Drawing from real-life examples spanning industries and countries, Edmans demonstrates that purpose-driven businesses are consistently more successful in the long-term. But a purposeful company must navigate difficult trade-offs and take tough decisions. Edmans provides a roadmap for company leaders to put purpose into practice, and overcome the hurdles that hold many back. He explains how investors can discern which companies are truly purposeful and how to engage with them to unleash value for both shareholders and society. And he highlights the role that citizens can play in reshaping business to improve our world. This edition has been thoroughly updated to include the pandemic, the latest research, and new insights on how to make purpose a reality.



Key Features

- This book shows how companies can be a force for good – and outlines an actionable framework to make this a reality
- Shows a purpose-driven approach not also creates more value for society but – surprisingly – also leads to higher profits in the long-term
- Uses the highest-quality evidence to uncover surprising results – in particular, how they can be used to serve wider society rather than only the elites
- The book takes both sides – business and society – very seriously, and also acknowledges the evidence against a purposeful approach to business
- This fully-updated paperback edition includes the latest research as well as insights on how businesses put purpose into practice during the pandemic

Contents

Introduction;

How to read this book;

Part I. Why Grow the Pie? Introducing the Idea:

1. The pie-growing mentality: a new approach to business that works for both investors and society;
2. Growing the pie doesn't aim to maximise profits – but often does: freeing a company to take more investments, ultimately driving its success;
3. Growing the pie doesn't mean growing the enterprise: three principles to guide trade-offs and which projects to turn down;
4. Does pieconomics work?: data – not wishful thinking – shows that companies can both do good and do well;

Part II. What Grows the Pie? Exploring the Evidence:

5. Incentives: rewarding long-term value creation while deterring short-term gaming;
6. Stewardship: the value of engaged investors that both support and challenge management;

7. Repurchases: investing with restraint, releasing resources to create value elsewhere in society;

Part III. How to Grow the Pie? Putting it into practice:

8. Enterprises: the power of purpose and how to make it real;
9. Investors: turning stewardship from a policy into a practice;
10. Citizens: how individuals can act and shape business, rather than be acted upon;

Part IV. The Bigger Picture:

11. Growing the pie more widely: win-win thinking at the national and personal levels;

Conclusion;

Action items;

Appendix;

Acknowledgements;

Endnotes;

Index.

Additional Information

Level: Professionals, general readers

October 2021 198 x 129 mm c.450pp 19 b/w illus. 1 table
978-1-108-90546-7 Paperback £11.99 / US\$15.95



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 **CAMBRIDGE**
UNIVERSITY PRESS

International Business

Ninth edition

Michael R. Czinkota

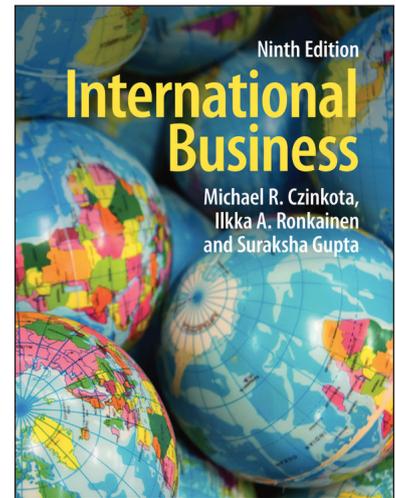
Georgetown University, Washington DC

Ilkka A. Ronkainen

Georgetown University, Washington DC

Suraksha Gupta

University of Newcastle upon Tyne



Description

Thoroughly updated, the 9th edition of this bestselling textbook incorporates global trends and data, supported by an exemplary case selection based on firms from around the world. The internationally cited author team of Czinkota, Ronkainen, and Gupta balance conceptual understanding of business theory with the day-to-day realities of business practice, preparing students to become successful participants in the global business place. This edition brings greater focus on Asia and emerging markets, as well as Brexit, the impact of COVID-19 on business and the importance of technology and the digital space to international business practice. Through its discussion and analysis, the book guides students to a greater understanding of contemporary business issues and helps them to develop new tools of analysis. Covering all key aspects of international business, the authors emphasize a few key dimensions: international context, role of government in international business, small- and medium-sized firms, and social responsibility.

Key Features

- Completely updated with current and future issues to ensure students understand changing and growing global markets and opportunities
- Uses world-wide examples to demonstrate linkages and allow students to comprehend new perspectives
- Incorporates current and ongoing research and blends theory and applications so students can understand facts rather than just the perception provided by theory
- Highlights technology and new approaches used in international business to show students the most fast and efficient ways of operating

Contents

Part I:

1. The International Business Imperative;
2. Trade and Investment Policies;
3. The Essence of Culture;
4. Politics and Law;

Part II:

5. Financial Management;

6. Developing and Emerging Markets and Their Integration;

7. Building Data and Knowledge;

8. Entry and Expansion;

Part III:

9. International Marketing;

10. Services;

11. International Supply-Chain Management;

12. Managing Globally;

Part IV:

13. Ownership, Governance, and Sustainability;

14. Digital Contributions for International Business;

15 The Future and the Soul of International Business.

Additional Resources: <http://www.cambridge.org/9781108476744>

- Test bank
- Lecture PPTs
- Curated video list on YouTube

Additional Information

Courses: International Business, International Management

Departments: Business, management

Level: Graduate students, undergraduate students

September 2021 246 x 189 mm 588pp

978-1-108-47674-4 Hardback £89.99 / US\$120.00

Boom and Bust

A Global History of Financial Bubbles

William Quinn

Queen's University Belfast

John D. Turner

Queen's University Belfast

Description

Why do stock and housing markets sometimes experience amazing booms followed by massive busts and why is this happening more and more frequently? In order to answer these questions, William Quinn and John D. Turner take us on a riveting ride through the history of financial bubbles, visiting, among other places, Paris and London in 1720, Latin America in the 1820s, Melbourne in the 1880s, New York in the 1920s, Tokyo in the 1980s, Silicon Valley in the 1990s and Shanghai in the 2000s. As they do so, they help us understand why bubbles happen, and why some have catastrophic economic, social and political consequences whilst others have actually benefited society. They reveal that bubbles start when investors and speculators react to new technology or political initiatives, showing that our ability to predict future bubbles will ultimately come down to being able to predict these sparks.

Key Features

- Ranges across three hundred years of bubbles from the South Sea Bubble of 1720 to the sub-prime crisis and Chinese stock market crash
- Provides tangible approaches that investors and governments can take to predict and address bubbles
- Shows that not all bubbles are economically destructive and that some have actually benefited society

Contents

List of figures;

List of tables;

1. The bubble triangle;
2. 1720 and the invention of the bubble;
3. Marketability revived: the first emerging market bubble;
4. Democratising speculation: the great railway mania;
5. Other people's money: the Australian land boom;
6. Wheeler-dealers: the British bicycle mania;
7. The roaring twenties and the Wall Street Crash;
8. Blowing bubbles for political purposes: Japan in the 1980s;
9. The dot-com bubble;
10. 'No more boom and bust': the subprime bubble;
11. Casino capitalism with Chinese characteristics;
12. Predicting bubbles;

Acknowledgements;

Endnotes;

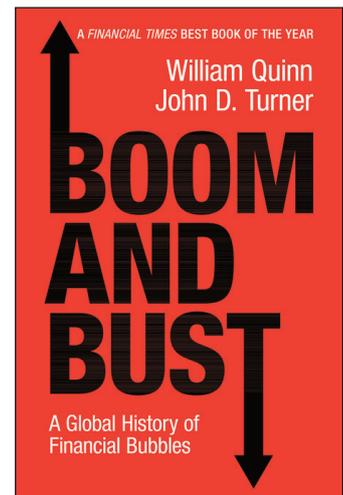
Bibliography;

Index.

Additional Information

Level: General readers, undergraduate students

August 2020 228 x 152 mm 296pp 27 b/w illus. 13 tables
978-1-108-42125-6 Hardback £18.99 / US\$24.95



Capitalism and the Environment

A Proposal to Save the Planet

Shi-Ling Hsu

Florida State University College of Law

Description

Rising economic inequality has put capitalism on trial globally. At the same time, existential environmental threats worsen while corporations continue to pollute and distort government policy. These twin crises have converged in calls to revamp government and economic systems and to revisit socialism, given up for dead only 30 years ago. In *Capitalism and the Environment*, Shi-Ling Hsu argues that such an impulse, if enacted, will ultimately harm the environment. Hsu argues that inequality and environmental calamities are political failures – the result of bad decision-making – and not a symptom of capitalism. Like socialism, capitalism is composed of political choices. This book proposes that we make a different set of choices to better harness the transformative power of capitalism, which will allow us to reverse course and save the environment.

Key Features

- Provides an overview of the interwoven histories of capitalism and the environment
- Explains how political choices have created a capitalism that is harmful to the global environment
- Offers a concrete plan and policy solutions for how to reconcile capitalism and environmental protection and restoration

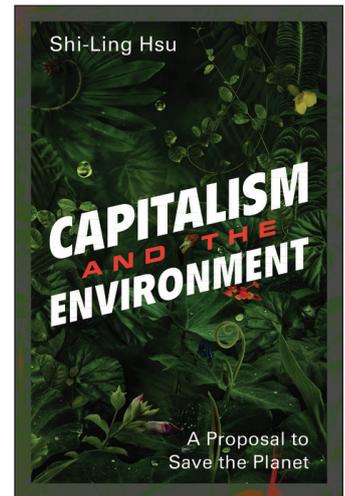
Contents

1. Introduction;
2. How capitalism saves the environment;
3. Capital investments create their own political economy;
4. Bloated capital: how capitalism went awry;
5. The case for environmental taxation;
6. What should be taxed?;
7. Generating environmental knowledge;
8. Looking before leaping;
9. Conclusion.

Additional Information

Level: Graduate students, academic researchers

September 2021 229 x 152 mm c.400pp
978-1-108-46552-6 Paperback £26.99 / US\$34.99



The Economist's View of the World

And the Quest for Well-Being

Steven E. Rhoads

University of Virginia

Description

Released in 1984, Steven E. Rhoads' classic was considered by many to be among the best introductions to the economic way of thinking and its applications. This anniversary edition has been updated to account for political and economic developments – from the greater interest in redistributing income and the ascendancy of behaviorism to the Trump presidency. Rhoads explores opportunity cost, marginalism, and economic incentives and explains why mainstream economists – even those well to the left – still value free markets. He critiques economics for its unbalanced emphasis on narrow self-interest as controlling motive and route to happiness, highlighting philosophers and positive psychologists' findings that happiness is far more dependent on friends and family than on income or wealth. This thought-provoking tour of the economist's mind is a must read for our times, providing a clear, lively, non-technical insight into how economists think and why they shouldn't be ignored.

Key Features

- Explains economics with accessible language without using diagrams or equations
- Simultaneously explains and critiques various facets of economics
- More ideologically balanced than most treatments, contrasting economic thinking with positive psychology and virtue ethics

Contents

Introduction;

Part I. Useful Concepts:

1. Opportunity Cost;
2. Marginalism;
3. Economic Incentives;

Part II. Government and Markets, Efficiency and Equity:

4. Government and the Economy;
5. Economists and Equity;
6. Externalities and the Government Agenda;

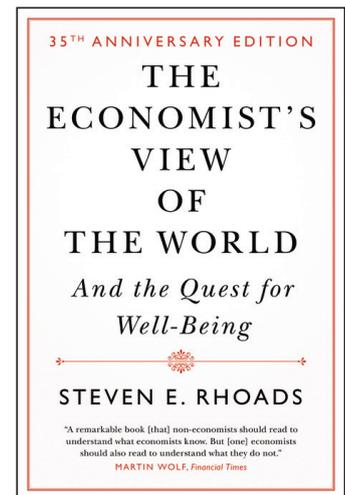
Part III. The Limits of Economics:

7. The Economist's Consumer and Individual Well-Being;
8. Representatives, Deliberation, and Political Leadership;
9. Conclusion.

Additional Information

Level: Graduate students, undergraduate students, general readers

September 2021 229 x 152 mm 334pp
978-1-108-84594-6 Hardback £20.00 / US\$27.95



The Invisible Hand in Virtual Worlds

The Economic Order of Video Games

Matthew McCaffrey

University of Manchester

Description

Video games aren't merely casual entertainment: they are the heart of one of the fastest-growing media industries in the world, and a cultural phenomenon in their own right. Gaming has evolved from a niche pastime into a global business that rivals film and television, creating, in the process, new art forms and social arenas and have become the subject of endless public debate. This book shows that games also provide a unique space in which to study economic behavior. Games, more than any other form of media, demonstrate the power and creative potential of human choice – an idea that's also the foundation of economic thinking. Whether it's developing trade relations, or the use of money, or even complex legal institutions, virtual worlds provide a captivating and entertaining arena for studying economic behavior in its most dynamic forms. The overarching theme of the volume is the economic order that governs virtual worlds, and the many ways individuals work together, often without knowing it, to govern their social relations in digital space.

Key Features

- Explains crucial economic foundations of games and gameplay
- Explains the implications of government regulation in virtual worlds
- Provides game developers and publishers with a framework to use to think about how to craft their products

Contents

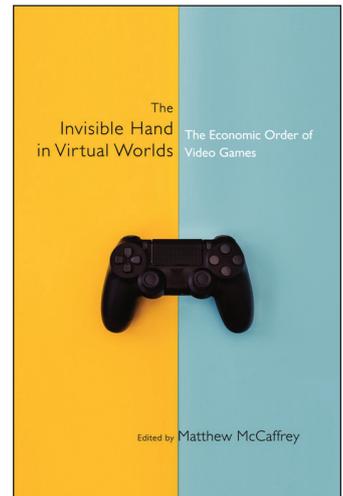
Introduction;

1. The Economic Meaning of Play: Ludology and Praxeology in Video Game Worlds;
2. Spontaneous Order and Video Game Narrative;
3. Law and Economics in a World of Dragons;
4. Minerals, Titans, and Connections: The Political Economy of Empire in the World of 'EVE Online';
5. The Origins of Money in 'Diablo II';
6. A Virtual Weimar: Hyperinflation in 'Diablo III';
7. The Facilitate or Acquire Decision: The Tipping Points for Strategies Towards User-Generated Content in Massive Multiplayer Online Game Platforms;
8. Mod the World: How Entrepreneurs Learn from Video Game 'Modding' Communities;
9. Levels without Bosses? Entrepreneurship and Valve's Organizational Design.

Additional Information

Level: Academic researchers, graduate students, professionals

September 2021 228 x 152 mm c.270pp
978-1-108-83971-6 Hardback £85.00 / US\$110.00



Making Social Spending Work

Peter H. Lindert

University of California, Davis

Description

How does social spending relate to economic growth and which countries have got this right and wrong? Peter Lindert examines the experience of countries across the globe to reveal what has worked, what needs changing, and who the winners and losers are under different systems. He traces the development of public education, health care, pensions, and welfare provision, and addresses key questions around intergenerational inequality and fiscal redistribution, the returns to investment in human capital, how to deal with an aging population, whether migration is a cost or a benefit, and how social spending differs in autocracies and democracies. The book shows that what we need to do above all is to invest more in the young from cradle to career, and shift the burden of paying for social insurance away from the workplace and to society as a whole.

Key Features

- Provides the first global history of social spending, showing which countries got it right and which got it wrong
- A global account covering not just the core OECD countries, but also East Asia, Eastern Europe, and Latin America
- Uses historical evidence to offer policy recommendations about the world's tax-based social safety nets

Contents

List of Figures;

List of Tables;

Part I. Overview:

1. Enduring Issues;

2. Findings and Lessons;

Part II. The Long Rise, and its Causes:

3. Why Poor Relief Arrived So Late;

4. The Dawn of Mass Schooling before 1914;

5. Public Education since 1914;

6. More, but Different, Social Spending in Rich Countries since 1914;

7. Is the Rest of the World Following a Different Path?;

Part III. What Effects?:

8. Effects on Growth, Jobs, and Life;

9. Why No Net Loss of GDP or Work?;

10. Do the Rich Pay the Poor for All This?;

Part IV. Confronting Threats:

11. Do Immigration Tensions Fray the Safety Nets?;

12. Pensions and the Curse of Long Life;

13. Approaches to Public Pension Reform;

14. Borrowing Social-Spending Lessons;

Appendix A. Sources and Notes for Chapters 3 and 4;

Appendix B. Sources and Notes for Chapter 10;

Appendix C. Chapter 12's Pension Accounting –

Equations and Forecasts;

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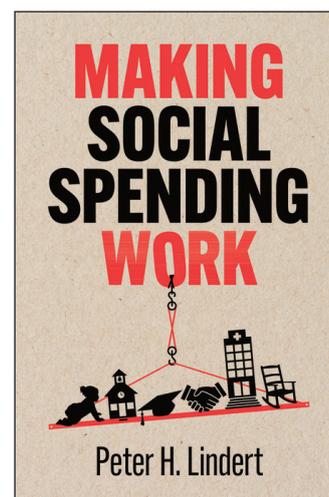
Index.

Additional Information

Level: General readers, graduate students

April 2021 228 x 152 mm 434pp

978-1-108-47816-8 Hardback £25.00 / US\$29.99



The Cambridge Illustrated History of Warfare

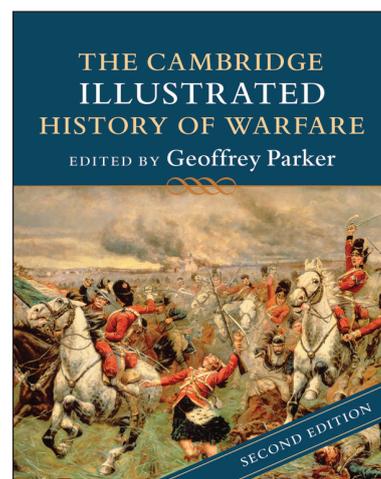
Second edition

Edited by Geoffrey Parker

Ohio State University

Description

The new edition of *The Cambridge Illustrated History of Warfare*, written and updated by a team of nine distinguished military historians, examines how war was waged by Western powers across a sweeping timeframe, beginning with classical Greece and Rome, moving through the Middle Ages and the early modern period, down to the wars of the twenty-first century in Afghanistan, Iraq, and Syria. The book stresses five essential aspects of the Western way of war: a combination of technology, discipline, and an aggressive military tradition with an extraordinary capacity to respond rapidly to challenges and to use capital rather than manpower to win. Although the focus remains on the West, and on the role of violence in its rise, each chapter also examines the military effectiveness of its adversaries and the regions in which the West's military edge has been – and continues to be – challenged.



Key Features

- Readers are able to follow the development of warfare right up to the present day with a new chapter that covers war down to 2019
- Students can engage with the cohesive argument of the book that military and naval superiority was crucial to the rise of the West
- Students develop a broad understanding of warfare through history, as the book focuses on Western military progress but explores the military effectiveness of other regions
- Readers will benefit from a wealth of illustrative materials, including nearly 100 that are new to this edition

Contents

Preface;

Introduction: The Western way of war;

Part I. The Age of Massed Infantry:

1. Genesis of the infantry, 600–350 BC; 2. From phalanx to legion, 350–250 BC;

3. The Roman way of war, 250 BC–AD 300;

Part II. The Age of Stone Fortifications:

4. On Roman ramparts, 300–1300;

5. New weapons, new tactics, 1300–1500;

6. The gunpowder revolution, 1300–1500;

Part III. The Age of Guns and Sails:

7. Ships of the line, 1500–1650;

8. The conquest of the Americas, 1500–1650;

9. Dynastic war, 1494–1660;

10. States in conflict, 1661–1763;

11. Nations in arms, 1763–1815;

Part IV. The Age of Mechanized Warfare:

12. The industrialization of war, 1815–1871;

13. Towards world war, 1871–1914;

14. The West at war, 1914–1918;

15. The world in conflict, 1919–1941;

16. The world at war, 1941–1945;

17. The post-war world, 1945–1991;

18. The new world disorder, 1991–2019;

Epilogue: The future of Western warfare;

Reference guide;

Chronology;

Glossary;

Bibliography;

The contributors;

Notes;

Picture acknowledgements;

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Additional Information

Level: Undergraduate Students, general readers, academic researchers

Series: Cambridge Illustrated Histories

August 2021 254 x 203 mm 554pp

978-1-107-18156-4 Hardback £99.99 / US\$120.00

The Cambridge History of Terrorism

Richard English

Queen's University Belfast

Description

The Cambridge History of Terrorism provides a comprehensive reference work on terrorism from a distinctly historical perspective, offering systematic analyses of key themes, problems and case studies from terrorism's long past. Featuring expert scholars from across the globe, this volume examines the phenomenon of terrorism through regional case studies, largely written by local scholars, as well as through thematic essays exploring the relationship between terrorism and other historical forces. Each of the chapters – whether thematic or case-study focused – embodies new, research-based analysis which will help to inform and reshape our understanding of one of the world's most challenging problems.

Key Features

- Provides a comprehensive and authoritative reference work on terrorism from a historical perspective
- Examines the phenomenon of terrorism through regional case studies, largely written by local scholars
- Combines and integrates historical themes and methodology to explore the relationship between terrorism and other historical forces, such as colonialism, religion and gender

Contents

Part I. Introduction:

1. History and the Study of Terrorism;

Part II. Frameworks and Definitions:

2. History and the Definition of Terrorism; 3. Terrorism, History and Periodisation;

4. Terrorism, History and Regionalisation;

5. A Processual Approach to Political Violence: How History Matters;

6. Terrorism, History and Neighbouring Disciplines in the Academy;

Part III. Historical Case Studies in Terrorism:

7. Terrorism in Israel/Palestine;

8. Terrorism in the Basque Country;

9. Terrorism in African History;

10. The History of Terrorism in Pakistan;

11. Political Violence in Ireland;

12. Terrorism in the Russian Empire: the Late Nineteenth and Early Twentieth Centuries;

13. Terrorism in Post-Soviet Russia: 1990s to 2010s;

14. Terrorism in The Netherlands: A History;

15. Terrorism: An American Story;

16. Political Violence and Terrorism in Colombia;

17. The Paths of Terrorism in Peru: Nineteenth to Twenty-First Centuries;

18. Aqtiham (Whirlwind Attacks): The Rise, Fall and Phoenix-Like Resurgence of ISIS and Shiite Terrorists Groups in Iraq;

19. Transnational Connections: Militant Irish Republicans and the World;

Part IV. Thematic Essays:

20. 'September 12 Thinking': The Missing Histories of Counter-Terrorism;

21. The History of Terrorism and Communication;

22. Terrorism, History and Religion;

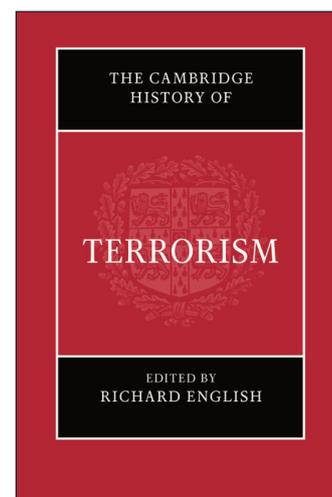
23. History, Terrorism and the State;

24. Into the Labyrinth: Terrorism, History and Diplomacy;

25. Gender Politics and Terrorist Histories;

Part V. Conclusion:

26. Terrorism and History: Current Knowledge and Future Research.



Additional Information

Level: Academic researchers, graduate students

May 2021 228 x 152 mm 718pp

978-1-108-47016-2 Hardback £120.00 / US\$155.00

Chairman Mao's Children

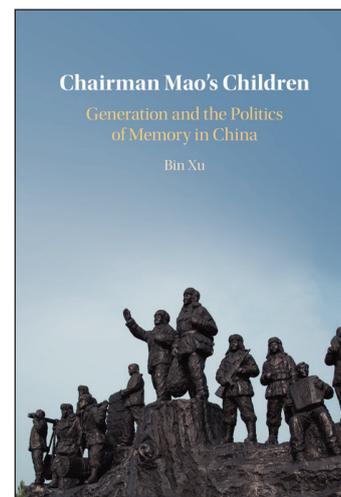
Generation and the Politics of Memory in China

Bin Xu

Emory University, Atlanta

Description

In the 1960s and 1970s, around 17 million Chinese youths were mobilized or forced by the state to migrate to rural villages and China's frontiers. Bin Xu tells the story of how this 'sent-down' generation have come to terms with their difficult past. Exploring representations of memory including personal life stories, literature, museum exhibits, and acts of commemoration, he argues that these representations are defined by a struggle to reconcile worthiness with the political upheavals of the Mao years. These memories, however, are used by the state to construct an official narrative that weaves this generation's experiences into an upbeat story of the 'China dream'. This marginalizes those still suffering and obscures voices of self-reflection on their moral-political responsibility for their actions. Xu provides careful analysis of this generation of 'Chairman Mao's children', caught between the political and the personal, past and present, nostalgia and regret, and pride and trauma.



Key Features

- Provides a fresh perspective on the legacy of the Mao years in contemporary China
- Theoretically grounded analysis of generation and memory in historical context
- Addresses important political and ethical issues related to social inequality and historical responsibility

Contents

Introduction;

1. Winners' stories;

2. Unequal memories;

3. The wasted years and a land of wonder: The literary memory;

4. Regretless Youth and Long Live Youth!: Exhibits and museums as sites of memory;

5. Nostalgia, resistance, and the pursuit of happiness: Generation and memory in groups;

6. 'Comrades from five lakes and four seas!': When groups *chuanlian* (link up);

Conclusion;

Appendix: Methods and data.

Additional Information

Level: Graduate students, academic researchers

June 2021 229 x 152 mm c.300pp

978-1-108-84425-3 Hardback £85.00 / US\$110.00

How the East Was Won

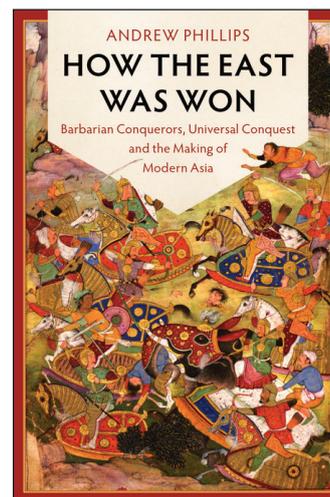
Barbarian Conquerors, Universal Conquest and the Making of Modern Asia

Andrew Phillips

University of Queensland

Description

How did upstart outsiders forge vast new empires in early modern Asia, laying the foundations for today's modern mega-states of India and China? In *How the East Was Won*, Andrew Phillips reveals the crucial parallels uniting the Mughal Empire, the Qing Dynasty and the British Raj. Vastly outnumbered and stigmatised as parvenus, the Mughals and Manchus pioneered similar strategies of cultural statecraft, first to build the multicultural coalitions necessary for conquest, and then to bind the indigenous collaborators needed to subsequently uphold imperial rule. The English East India Company later adapted the same 'define and conquer' and 'define and rule' strategies to carve out the West's biggest colonial empire in Asia. Refuting existing accounts of the 'rise of the West', this book foregrounds the profoundly imitative rather than innovative character of Western colonialism to advance a new explanation of how universal empires arise and endure.



Key Features

- Offers a provocative new way to understand the surprisingly recent geopolitical origins of Asia's two mega-states, India and China, by excavating their common origins in early modern 'barbarian' conquests
- Advances a new conceptual framework to understand how minority conquerors organized cultural difference to win universal dominion in South and East Asia
- Provides International Relations scholars with the field's first comprehensive study of the dynamics of hierarchy formation in South and East Asia

Contents

Introduction;

1. From the rise of the west to how the east was won;
2. The Eurasian transformation;
3. The rise of Asia's terrestrial empires;
4. European infiltration and Asian consolidation in maritime Asia;
5. The great Asian divergence –
Mughal decline and Manchu consolidation in the eighteenth century;
6. The East India Company and the rise of British India, 1740-1820;
7. Crises of empire and the reconstitution of international orders in south and East Asia, 1820-1880.

Additional Information

Level: Graduate students, academic researchers

Series: LSE International Studies

August 2021 228 x 152 mm 300pp
978-1-107-12097-6 Hardback £74.99 / US\$99.99

Technological Internationalism and World Order

Aviation, Atomic Energy, and the Search for International Peace, 1920–1950

Waqar H. Zaidi

Lahore University of Management Sciences, Pakistan

Description

Between 1920 and 1950, British and US internationalists called for aviation and atomic energy to be taken out of the hands of nation-states, and instead used by international organizations such as the League of Nations and the United Nations. An international air force was to enforce collective security and internationalized civil aviation was to bind the world together through trade and communication. The bomber and the atomic bomb, now associated with death and devastation, were to be instruments of world peace. Drawing on rich archival research and focusing on public and private discourse relating to the control of aviation and atomic energy, Waqar H. Zaidi highlights neglected technological and militaristic strands in twentieth-century liberal internationalism, and transforms our understanding of the place of science and technology in twentieth-century international relations.

Key Features

- The first in-depth study of technological internationalism
- Brings together the histories of aviation and atomic energy
- Demonstrates how technological internationalism was a significant force in twentieth century politics and culture.

Contents

Introduction: machines of peace;

1. Invention, interdependence, and the lag: conceptualizing international relations in the age of the machine;
2. Controlling scientific war: international air police and the reinvention of disarmament;
3. The shape of things to come: aviation, the League of Nations, and the transformation of world order;
4. Air power for a United Nations: the international air force during the Second World War;
5. Wings for peace: planning for the postwar internationalization of civil aviation;
6. A battle for atomic internationalism: United States and the international control of atomic energy;
7. A blessing in disguise: Britain and the international control of atomic energy;

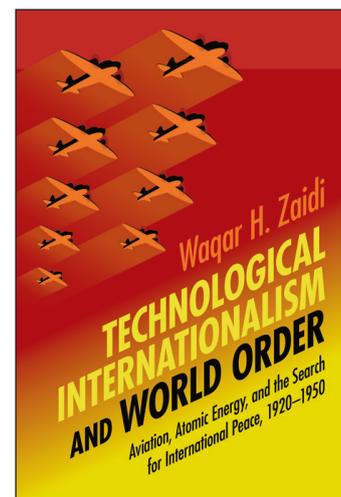
Conclusion: science, technology, and internationalism into the Cold War and beyond.

Additional Information

Level: Academic researchers, graduate students

Series: Science in History

June 2021 229 x 152 mm c.320pp
978-1-108-83678-4 Hardback £75.00 / US\$99.99



Magic in the Middle Ages

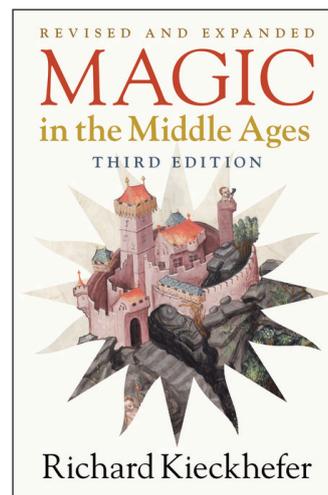
Third edition

Richard Kieckhefer

Northwestern University, Illinois

Description

How was magic practiced in medieval times? How did it relate to the diverse beliefs and practices that characterized this fascinating period? This much revised and expanded new edition of *Magic in the Middle Ages* surveys the growth and development of magic in medieval Europe. It takes into account the extensive new developments in the history of medieval magic in recent years, featuring new material on angel magic, the archaeology of magic, and the magical efficacy of words and imagination. Richard Kieckhefer shows how magic represents a crossroads in medieval life and culture, examining its relationship and relevance to religion, science, philosophy, art, literature, and politics. In surveying the different types of magic that were used, the kinds of people who practiced magic, and the reasoning behind their beliefs, Kieckhefer shows how magic served as a point of contact between the popular and elite classes, how the reality of magical beliefs is reflected in the fiction of medieval literature, and how the persecution of magic and witchcraft led to changes in the law.



Key Features

- Extensively revised and expanded to bring the reader up-to-date on current scholarship, including a new chapter on angel magic
- Engages readers with a clear and lively account of various types of magic, both natural ('white') and demonic ('black'), and of attitudes to their existence and to ways of using them
- Explores the relationship between magic and religion, science, philosophy, art, literature and politics, providing readers with an integrated perspective

Contents

1. Introduction: Magic as a crossroads;
2. The classical inheritance;
3. The twilight of paganism: Magic in Norse and Irish culture;
4. The common tradition of medieval magic;
5. The romance of magic in courtly culture;
6. Arabic learning and the occult sciences;
7. Invocation and conjuration of angels;
8. Conjuration of demons;
9. Prohibition, condemnation, and prosecution.

Additional Information

Level: Undergraduate students, general readers

September 2021 216 x 138 mm 302pp
978-1-108-49471-7 Hardback £49.99 / US\$64.99

Julius Caesar and the Roman People

Robert Morstein-Marx

University of California, Santa Barbara

Description

Julius Caesar was no aspiring autocrat seeking to realize the imperial future but an unusually successful republican leader who was measured against the Republic's traditions and its greatest heroes of the past. Catastrophe befell Rome not because Caesar (or anyone else) turned against the Republic, its norms and institutions, but because Caesar's extraordinary success mobilized a determined opposition which ultimately preferred to precipitate civil war rather than accept its political defeat. Based on painstaking re-analysis of the ancient sources in the light of recent advances in our understanding of the participatory role of the People in the republican political system, a strong emphasis on agents' choices rather than structural causation, and profound scepticism toward the facile determinism that often substitutes for historical explanation, this book offers a radical reinterpretation of a figure of profound historical importance who stands at the turning point of Roman history from Republic to Empire.

Key Features

- Rejects teleological explanations of Caesar's rise or of the crisis of the Republic
- Re-orientes the perspective from which major events are told from the traditional aristocratic viewpoint which emphasizes the dominance of the Senate to a 'popular' viewpoint which emphasizes the power and sovereignty of the People
- Offers a timely reflection on the development of a devastating political crisis caused by intense polarization and norm-breaking, leading to justified fear and pre-emptive aggressive action

Contents

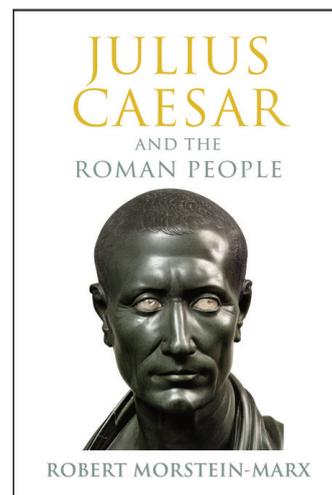
1. Introduction;
2. The Early Caesar;
3. Caesar's 'Entry into History': The Catilinarian Debate and Its Aftermath;
4. Caesar's First Consulship;
5. Caesar in Gaul: The View from Rome;
6. No Return: Caesar's Dignitas and the Coming of the Civil War;
7. Taking Sides;
8. Caesar's Leniency;
9. En route to the Parthian War;
10. Conclusion

Additional Information

Level: Academic researchers, graduate students, undergraduate students

March 2023

978-1-108-93208-0 Paperback TBA / TBA



The Falls of Rome

Crises, Resilience, and Resurgence in Late Antiquity

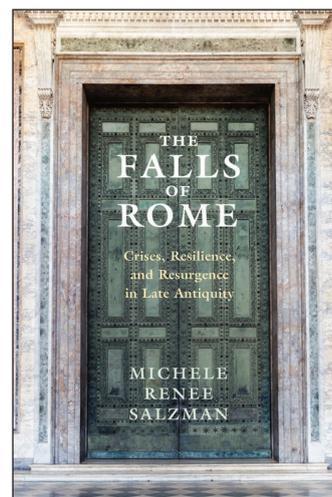
Michele Renee Salzman

University of California, Riverside

Description

Over the course of the fourth through seventh centuries, Rome witnessed a succession of five significant political and military crises, including the Sack of Rome, the Vandal occupation, and the demise of the Senate. Historians have traditionally considered these crises as defining events, and thus critical to our understanding of the 'decline and fall of Rome.' In this volume, Michele Renee Salzman offers a fresh interpretation of the tumultuous events that occurred in Rome during Late Antiquity. Focusing on the resilience of successive generations of Roman men and women and their ability to reconstitute their city and society, Salzman demonstrates the central role that senatorial aristocracy played, and the limited influence of the papacy during this period.

Her provocative study provides a new explanation for the longevity of Rome and its ability, not merely to survive, but even to thrive over the last three centuries of the Western Roman Empire.



Key Features

- Provides examples of how theological texts and fragments can be read for political and social history
- Bridges the gap between periods generally kept apart, that is the ancient and medieval worlds
- Studies the institution of the Senate and the late Roman senatorial aristocracy in action

Contents

1. Approaches to the fate of the Late Antique City;
2. The Constantinian compromise;
3. Responses to the sack of Rome in 410;
4. Rome after the 455 vandal occupation;
5. Why Gibbon was wrong;
6. The fall of Ostrogothic Rome and the Justinianic reconstruction;
7. The demise of the senate.

Additional Information

Level: Academic researchers, graduate students, undergraduate students

September 2021 228 x 152 mm 462pp
978-1-107-11142-4 Hardback £29.99 / US\$39.99

Industry Unbound

The Inside Story of Privacy, Data, and Corporate Power

Ari Ezra Waldman

Northeastern University, Boston

Description

In *Industry Unbound*, Ari Ezra Waldman exposes precisely how the tech industry conducts its ongoing crusade to undermine our privacy. With research based on interviews with scores of tech employees and internal documents outlining corporate strategies, Waldman reveals that companies don't just lobby against privacy law; they also manipulate how we think about privacy, how their employees approach their work, and how they weaken the law to make data-extractive products the norm. In contrast to those who claim that privacy law is getting stronger, Waldman shows why recent shifts in privacy law are precisely the kinds of changes that corporations want and how even those who think of themselves as privacy advocates often unwittingly facilitate corporate malfeasance. This powerful account should be ready by anyone who wants to understand why privacy laws are not working and how corporations trap us into giving up our personal information.

Key Features

- The first account to show how informational capitalism operates on the ground
- Offers new research on largely inaccessible institutions to broaden common understandings of tech companies
- Makes complex theories from disciplines across law and the social sciences accessible while remaining academically rigorous

Contents

Introduction;

Part I. Privacy and the Information Industry:

1. A day at the office;
2. Spotting the issues;

Part II. A Vicious Cycle:

3. Privacy's discourses;
4. Privacy compliance;
5. Designing data-extractive technologies;

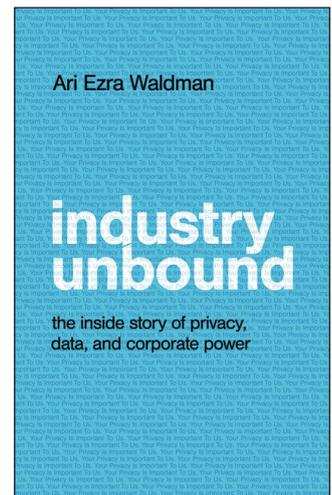
Part III. Power and Resistance:

6. Power;
7. Fighting back;
8. Conclusion.

Additional Information

Level: Graduate students, academic researchers, professionals

September 2021 216 x 138 mm 378pp
978-1-108-49242-3 Hardback £20.00 / US\$24.95



The Reasonable Robot

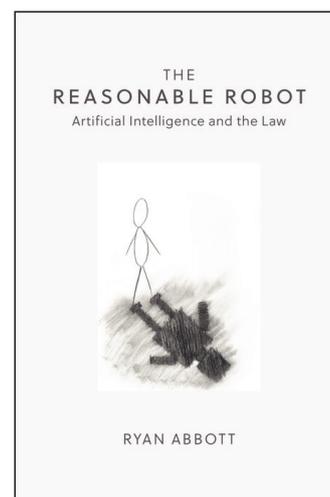
Artificial Intelligence and the Law

Ryan Abbott

University of Surrey School of Law

Description

AI and people do not compete on a level-playing field. Self-driving vehicles may be safer than human drivers, but laws often penalize such technology. People may provide superior customer service, but businesses are automating to reduce their taxes. AI may innovate more effectively, but an antiquated legal framework constrains inventive AI. In *The Reasonable Robot*, Ryan Abbott argues that the law should not discriminate between AI and human behavior and proposes a new legal principle that will ultimately improve human well-being. This work should be read by anyone interested in the rapidly evolving relationship between AI and the law.



Key Features

- Argues for a new principle of artificial intelligence (AI) regulation
- Offers a resource for those involved in AI policymaking by considering the impact of laws on AI development
- Contributes to broader arguments on law and technology while providing a deep dive into the challenges associated with autonomous machines

Contents

Introduction. Artificial intelligence and the law;

1. Understanding artificial intelligence;
2. Should artificial intelligence pay taxes?;
3. The reasonable robot;
4. The artificial inventor;
5. Changing intellectual property standards;
6. Punishing artificial intelligence;
7. Alternative perspectives on artificial intelligence and AI legal neutrality;

Third party materials;

Index.

Additional Information

Level: Graduate students, academic researchers, general readers

June 2020 229 x 152 mm c.300pp

978-1-108-47212-8 Hardback £84.99 / US\$110.00



Life after Privacy

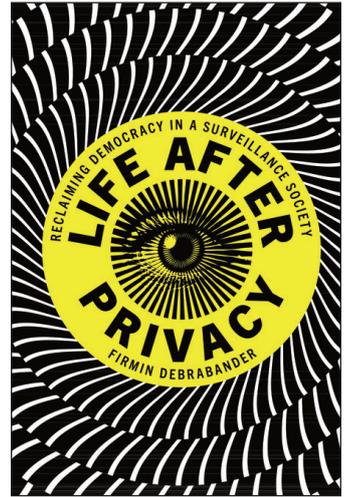
Reclaiming Democracy in a Surveillance Society

Firmin DeBrabander

Maryland Institute College of Art

Description

Privacy is gravely endangered in the digital age, and we, the digital citizens, are its principal threat, willingly surrendering it to avail ourselves of new technology, and granting the government and corporations immense power over us. In this highly original work, Firmin DeBrabander begins with this premise and asks how we can ensure and protect our freedom in the absence of privacy. Can—and should—we rally anew to support this institution? Is privacy so important to political liberty after all? DeBrabander makes the case that privacy is a poor foundation for democracy, that it is a relatively new value that has been rarely enjoyed throughout history—but constantly persecuted—and politically and philosophically suspect. The vitality of the public realm, he argues, is far more significant to the health of our democracy, but is equally endangered—and often overlooked—in the digital age.



Key Features

- Provides an interdisciplinary analysis, drawing upon academic fields including philosophy, politics, media studies, law, and history
- Examines the peculiarities of online behavior and explains how our interaction with digital media facilitates the surrender of privacy
- Questions both the historical and philosophical identity of privacy

Contents

Preface;

1. Confessional Culture;
 2. Defenses of Privacy;
 3. Big Plans for Big Data;
 4. The Surveillance Economy;
 5. Privacy Past and Present;
 6. The Borderless, Vanishing Self;
 7. Autonomy and Political Freedom;
 8. Powerful Publics;
- Conclusion.

Additional Information

Level: Graduate students, academic researchers

September 2020 229 x 152 mm 180pp
978-1-108-81191-0 Paperback £19.99 / US\$24.95

International Law

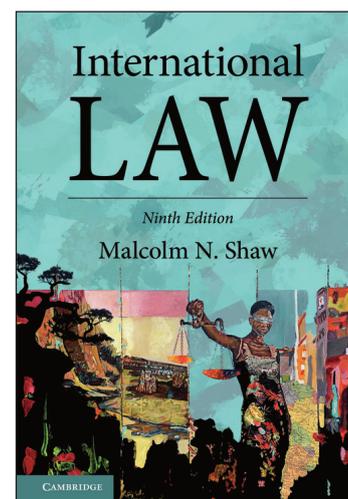
Ninth edition

Malcolm N. Shaw

Essex Court Chambers/Lauterpacht Centre for International Law, University of Cambridge

Description

International Law is the definitive and authoritative text on the subject. It has long been established as a leading authority in the field, offering an unbeatable combination of clarity of expression and academic rigour, ensuring understanding and analysis in an engaging and authoritative style. Explaining the leading rules, practice and caselaw, this treatise retains and develops the detailed referencing which encourages and assists the reader in further study. This new edition has been fully updated to reflect recent developments. In particular, it has expanded the treatment of space law and of international economic law, and introduced new sections on cyber operations and cyber warfare, as well as reflecting the Covid-19 crisis. Both clarifying fundamental principles and facilitating additional research, *International Law* is invaluable for students and for those occupied in private practice, governmental service and international organisations.



Key Features

- The definitive and authoritative text on the subject and using invaluable referencing, *International Law* is a favourite of both students and professionals
- Comprehensive coverage includes general principles and practice, including key substantive fields today such as international economic law and international criminal law
- Explains relevant theories and international practice clearly and thoroughly without overwhelming the reader

Contents

Preface to the ninth edition;	8. Recognition;	16. State succession;
1. The nature and development of international law;	9. Territory;	17. The settlement of disputes by peaceful means;
2. International law today;	10. The law of the sea;	18. The international court of justice;
3. Sources;	11. Jurisdiction;	19. International law and the use of force by states;
4. International law and municipal law;	12. Immunities from jurisdiction;	20. International humanitarian law;
5. The subjects of international law;	13. State responsibility;	21. The united nations;
6. The international protection of human rights;	14. International environment law;	22. International organisations.
7. Individual criminal responsibility in international law;	15. The law of treaties;	

Additional Information

Courses: International Law

Departments: Law

Level: Undergraduate students, graduate students

July 2021 244 x 170 mm 1308pp
978-1-108-47774-1 Hardback £110.00 / US\$143.00

Previous editions sold
in Chinese Simplified,
Hungarian, Kazakh,
Kurdish, Macedonian,
Polish, Portuguese
(Brazil) and Turkish.

Wasteocene

Stories from the Global Dump

Marco Armiero

KTH Royal Institute of Technology, Stockholm & Institute for Studies on the Mediterranean CNR, Italy

Description

Humans may live in the Anthropocene, but this does not affect all in the same way. How would the Anthropocene look if, instead of searching its traces in the geosphere, researchers would look for them in the organosphere, in the ecologies of humans in their entanglements with the environment? Looking at this embodied stratigraphy of power and toxicity, more than the Anthropocene, we will discover the Wasteocene. The imposition of wasting relationships on subaltern human and more-than-human communities implies the construction of toxic ecologies made of contaminating substances and narratives. While official accounts have systematically erased any trace of those wasting relationships, another kind of narrative has been written in flesh, blood, and cells. Traveling between Naples (Italy) and Agbogbloshie (Ghana), science fiction and epidemic outbreaks, this Element will take the readers into the bowels of the Wasteocene, but it will also indicate the commoning practices which are dismantling it.

Contents

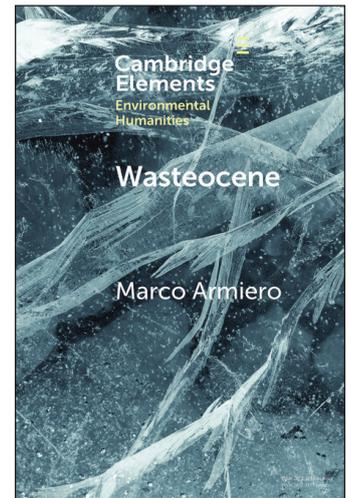
1. Introduction;
2. From the Anthropocene to the Wasteocene;
3. Wasteocene Stories;
4. The Wasteocene at the microscope;
5. Sabotaging the Wasteocene;
6. Conclusion.

Additional Information

Level: Academic researchers, graduate students

Series: Elements in Environmental Humanities

May 2021 229 x 152 mm c.75pp
978-1-108-82674-7 Paperback £15.00 / US\$20.00



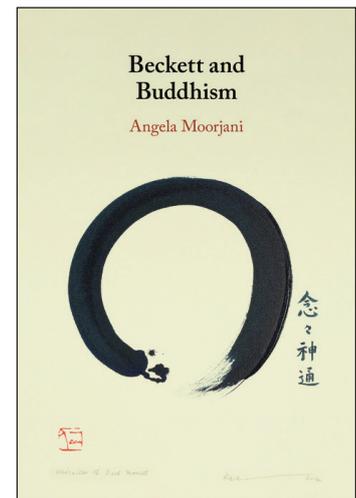
Beckett and Buddhism

Angela Moorjani

University of Maryland, Baltimore County

Description

Beckett and Buddhism undertakes a twenty-first-century reassessment of the Buddhist resonances in Samuel Beckett's writing. These reverberations, as Angela Moorjani demonstrates, originated in his early reading of Schopenhauer. Drawing on letters and archives along with recent studies of Buddhist thought and Schopenhauer's knowledge of it, the book charts the Buddhist concepts circling through Beckett's visions of the 'human predicament' in a blend of tears and laughter. Moorjani offers an in-depth elucidation of texts that are shown to intersect with the negative and paradoxical path of the Buddha, which she sets in dialogue with Western thinking. She brings further perspectives from cognitive philosophy and science to bear on creative emptiness, the illusory 'I', and Beckett's probing of the writing process. Readers will benefit from this far-reaching study of one of the most acclaimed writers of the twentieth century who explored uncharted topologies in his fiction, theatre, and poetry.



Key Features

- Reassesses the role of Schopenhauer's transmission of Eastern thought to the West and its extraordinary influence on modernist writing, art, and philosophical and psychoanalytic thinking in the first part of the 20th century
- Provides incisive new readings of Beckett's texts – prose fiction, drama, poems, and letters – from the late 1930s to the 1980s, based on the Buddhist echoes uncovered in his writings and their intersection with Western thought
- Introduces philosophical and religious concepts – both Eastern and Western – in clear and comprehensible terms.

Contents

Introduction: Buddhism, Schopenhauer, Beckett: Influence Affinity, Relay?;

1. Schopenhauer's Buddhism Revisited: Recent Archival Evidence;
2. East-West Dialogue via Schopenhauer;
3. Buddhist and Mystic Threads in the Early Fiction;
4. Beckett's Paradoxical Logic through Buddhist and Western Lenses;
5. The Coincidence of Contraries and Noh Drama;
6. The No-Self Staged and Voices from Elsewhere;
7. Rebirth and the Buddhist Unborn in the Fiction and Drama;
8. Dreaming 'all away' in the Final Texts.

Additional Information

Level: Graduate students, academic researchers

July 2021 229 x 152 mm c.260pp

978-1-316-51969-1 Hardback £75.00 / US\$99.99

The Comic Storytelling of Western Japan

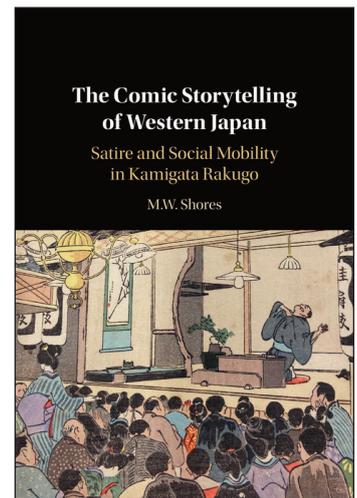
Satire and Social Mobility in Kamigata Rakugo

M. W. Shores

University of Sydney

Description

Rakugo, a popular form of comic storytelling, has played a major role in Japanese culture and society. Developed during the Edo (1600–1868) and Meiji (1868–1912) periods, it is still popular today, with many contemporary Japanese comedians having originally trained as rakugo artists. Rakugo is divided into two distinct strands, the Tokyo tradition and the Osaka tradition, with the latter having previously been largely overlooked. This pioneering study of the Kamigata (Osaka) rakugo tradition presents the first complete English translation of five classic rakugo stories, and offers a history of comic storytelling in Kamigata (modern Kansai, Kinki) from the seventeenth century to the present day. Considering the art in terms of gender, literature, performance, and society, this volume grounds Kamigata rakugo in its distinct cultural context and sheds light on the 'other' rakugo for students and scholars of Japanese culture and history.



Key Features

- The first English monograph on Kamigata rakugo
- First English translation of complete rakugo stories
- Comprehensive study of Kamigata rakugo from the seventeenth century to the present day.

Contents

Author's Preface: COVID-19 and Tenugui Face Masks;

Introduction;

Part I. 1. Kamigata, Osaka;

2. The History of Kamigata Rakugo;

3. What Constitutes a Kamigata Rakugo Story?;

4. Geidan: An Interview with Hayashiya Somemaru IV (1949–);

5. Conclusion;

Part II.;

6. Five Kamigata Rakugo Classics.

Additional Information

Level: Academic researchers, graduate students

August 2021 229 x 152 mm c.270pp

978-1-108-83150-5 Hardback £75.00 / US\$99.99

The Idea of Europe

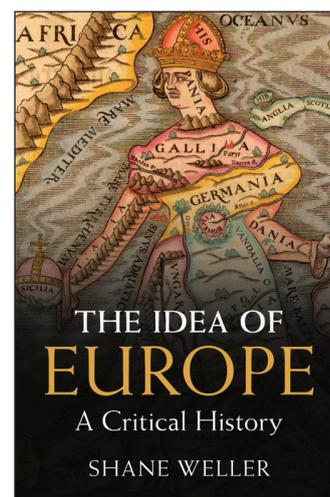
A Critical History

Shane Weller

University of Kent, Canterbury

Description

There is an increasingly widespread sense that Europe is in crisis. Notions of a shared European identity and a common European culture appear to be losing their purchase. This crisis is often seen as a conflict between a cosmopolitan and a nationalist idea of Europe. The reality is, however, considerably more complex, as the long history of the idea of Europe reveals. In *The Idea of Europe: A Critical History*, Shane Weller explores that history from its origins in classical antiquity to the present day. Drawing on a wide range of sources, he demonstrates that, all too often, seemingly progressive ideas of Europe have been shaped by Eurocentric, culturally supremacist, and even racist assumptions. Seeking to break with this troubling pattern, Weller calls for an idea of Europe shaped by a spirit of self-critique and by an openness to those cultures that have for so long been dismissed as non-European.



Key Features

- Charts the history of the idea of Europe from its origins in classical antiquity through to the present day, with detailed analyses of how Europe was conceived in the Enlightenment, the Romantic period, the later nineteenth-century, the interwar years, and the post-war world
- Reveals the extent to which the discourse on the idea of Europe has been shaped by profoundly Eurocentric, Euro-supremacist, and Euro-universalist tendencies, and has borne some striking similarities to nationalist discourses
- Advocates some of the core values traditionally associated with European culture (including democracy, justice, tolerance, and secularism), while arguing that these values need to be complemented by a spirit of self-critique and humility

Contents

1. Myths of Europa: from Classical Antiquity to the Enlightenment;
2. A Great Republic of Cultivated Minds: 1712–1815;
3. Nationalism and Universalism: 1815–1848;
4. The Russia Question;
5. *Homo Europaeus*: 1848–1918;
6. The European Spirit: 1918–1933;
7. A New European Order: 1933–1945;
8. Unity in Diversity: 1945–1989;
9. Other Europes;
10. Europe Against Itself: 1989 to the Present Day.

Additional Information

Level: Academic researchers, graduate students

June 2021 228 x 152 mm 362pp
978-1-108-47810-6 Hardback £29.99 / US\$39.99

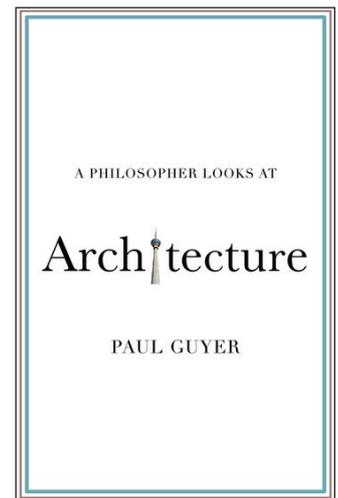
A Philosopher Looks at Architecture

Paul Guyer

Brown University, Rhode Island

Description

What should our buildings look like? Or is their usability more important than their appearance? Paul Guyer argues that the fundamental goals of architecture first identified by the Roman architect Marcus Pollio Vitruvius – good construction, functionality, and aesthetic appeal – have remained valid despite constant changes in human activities, building materials and technologies, as well as in artistic styles and cultures. Guyer discusses philosophers and architects throughout history, including Alberti, Kant, Ruskin, Wright, and Loos, and surveys the ways in which their ideas are brought to life in buildings across the world. He also considers the works and words of contemporary architects including Annabelle Selldorf, Herzog and de Meuron, and Steven Holl, and shows that – despite changing times and fashions – good architecture continues to be something worth striving for. This new series offers short and personal perspectives by expert thinkers on topics that we all encounter in our everyday lives.



Key Features

- Provides an overview of the history, nature and goals of architecture
- Illustrates abstract philosophical and architectural ideas with many examples of buildings across the world
- Broad and interdisciplinary in scope, with an accessible style and no technical jargon

Contents

Introduction;

1. Good Construction, Functionality, and Aesthetic Appeal: From Vitruvius to the Eighteenth Century;
2. The Meaning of Beauty: From Kant to Semper;
3. Multiplicity of Meaning in Twentieth-Century Theories;
4. Words and Works: Modern Architecture and Traditional Values;
5. Looking Forward.

Additional Information

Level: General readers, graduate students

Series: A Philosopher Looks At

May 2021 198 x 129 mm 216pp

978-1-108-82042-4 Paperback £9.99 / US\$12.99

A Philosopher Looks at Human Beings

Michael Ruse

Florida State University

Description

Why do we think ourselves superior to all other animals? Are we right to think so? In this book, Michael Ruse explores these questions in religion, science and philosophy. Some people think that the world is an organism – and that humans, as its highest part, have a natural value (this view appeals particularly to people of religion). Others think that the world is a machine – and that we therefore have responsibility for making our own value judgements (including judgements about ourselves). Ruse provides a compelling analysis of these two rival views and the age-old conflict between them. In a wide-ranging and fascinating discussion, he draws on Darwinism and existentialism to argue that only the view that the world is a machine does justice to our humanity. This new series offers short and personal perspectives by expert thinkers on topics that we all encounter in our everyday lives.

Key Features

- A clear, comprehensive picture of the fundamental debates surrounding the distinction between humans and other animals, perfect for the general reader but uncompromising with respect to scholarship
- Inherently interdisciplinary, drawing on ideas in ethics, biology, the history of science and theology
- Argues strongly that evolutionary theory, especially Darwin's theory of evolution through natural selection, should play a central role in philosophical discussions about biology and ethics

Contents

Introduction;

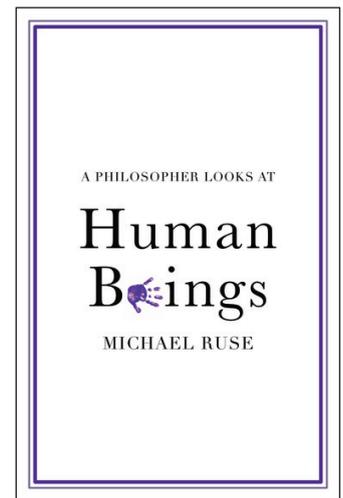
1. The status of humans;
 2. Mechanism versus organicism;
 3. Darwinian evolution;
 4. Mechanism and human nature;
 5. Organicism and human nature;
 6. The problem of progress;
 7. Morality for the organicist;
 8. Morality for the mechanist;
- Epilogue.

Additional Information

Level: General readers, graduate students

Series: A Philosopher Looks At

May 2021 216 x 138 mm 222pp
978-1-108-82043-1 Paperback £9.99 / US\$12.99



Previous editions sold
in Croatian, German,
Korean, Polish,
Portuguese (Portugal),
Spanish and Turkish.

A Philosopher Looks at Sport

Stephen Mumford

Durham University

Description

Why is sport so important among participants and spectators when its goals seem so pointless? Stephen Mumford's book introduces the reader to a host of philosophical topics found in sport, and argues that sports activities reflect diverse human experiences – including important values that we continue to contest. The author explores physicality, competition, how sport is best defined, ethics in sport, and issues of inclusion such as disability sports, the gender divide, and transgender athletes. His book is written for anyone who is thoughtful, a sports enthusiast, or both, and will deepen our understanding of sport and its place in our lives. This new series offers short and personal perspectives by expert thinkers on topics that we all encounter in our everyday lives.

Key Features

- Clearly and accessibly written
- Explores the importance of sport in a good life
- Up-to-the-minute discussions of issues including gender in sport

Contents

1. Physicality;
2. Competition;
3. Definition;
4. Spectacle;
5. Ethics;
6. Inclusion.

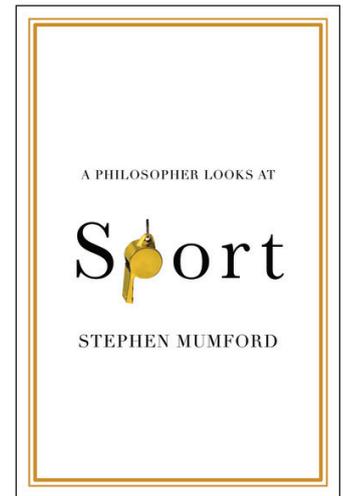
Additional Information

Level: General readers, graduate students

Series: A Philosopher Looks At

May 2021 198 x 129 mm 150pp

978-1-108-99493-4 Paperback £9.99 / US\$12.99



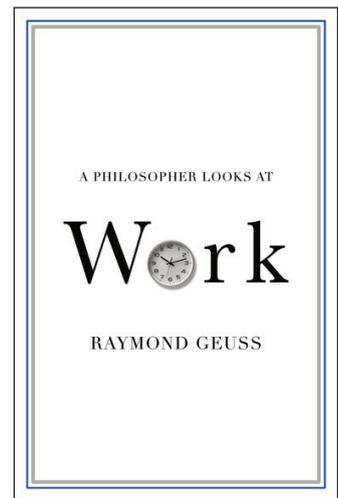
A Philosopher Looks at Work

Raymond Geuss

University of Cambridge

Description

Is work as we know it disappearing? And if so why should we care? These questions are explored by Raymond Geuss in this compact but sweeping survey which integrates conceptual analysis, historical reflection, autobiography and social commentary. Geuss explores our concept of work and its origins in industrial production, the incentives and compulsions which societies use to get us to work, and the powerful hold which the work ethic has over so many of us. He also looks at dissatisfaction with work – which is as old as work itself – and at various radical proposals for doing away with it, and at the seemingly irreversible growth of unemployment as a result of mechanisation. His book will interest anyone who wishes to understand the place of work in our world. This new series offers short and personal perspectives by expert thinkers on topics that we all encounter in our everyday lives.



Key Features

- Analyses our conception of work and seeks to explain its enormous power in societies past and present
- Examines the reasons for dissatisfaction with work and surveys the many proposals throughout history for reforming or even eliminating it
- Considers the ways in which the nature of work is changing, and suggests alternative ways of thinking about how to accommodate it

Contents

1. What is Work?;
2. The Organisation of Work;
3. The Anthropology and Economics of Work;
4. Radical Discontent and the Future of Work.

Additional Information

Level: General readers, graduate students

Series: A Philosopher Looks At

May 2021 198 x 129 mm c.150pp

978-1-108-93061-1 Paperback £9.99 / US\$12.99

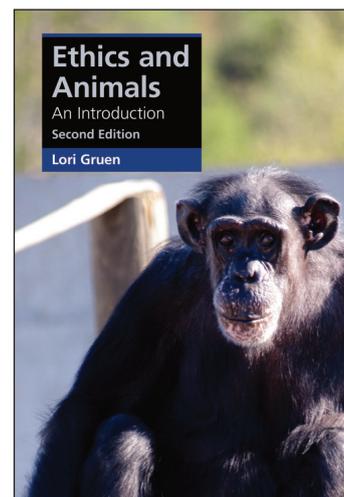
Ethics and Animals

An Introduction

Second edition

Lori Gruen

Wesleyan University, Connecticut



Description

In this comprehensive updated introduction to animal ethics, Lori Gruen weaves together poignant and provocative case studies with discussions of ethical theory, urging readers to engage critically and reflect empathetically on our relationships with other animals. In clear and accessible language, Gruen discusses a range of issues central to human-animal relations and offers a reasoned new perspective on key debates in the field. She analyses and explains a range of theoretical positions and poses challenging questions that directly encourage readers to hone their ethical reasoning skills and to develop a defensible position about their own practices. Her book will be an invaluable resource for students in a wide range of disciplines including ethics, environmental studies, veterinary science, gender studies, and the emerging field of animal studies. The book is an engaging account of animal ethics for readers with no prior background in philosophy.

Key Features

- Introduces readers to the range of relationships humans are in with other animals, and how we can think of these relationships through an ethical lens
- Includes case studies designed to help work through philosophical issues
- Presents a thoughtful examination of the key arguments at the centre of animal ethics

Contents

1. Why animals matter;
2. The natural and the normative;
3. Eating animals;
4. Experimenting with animals;
5. Dilemmas of captivity;
6. Animals in the wild;
7. Action for Animals.

Additional Information

Level: Graduate students, academic researchers

Series: Cambridge Applied Ethics

August 2021 244 x 170 mm 272pp
978-1-108-83368-4 Hardback £79.99 / US\$105.00

Russian rights sold.
Previous editions
sold in Japanese.

Ethics and Engineering

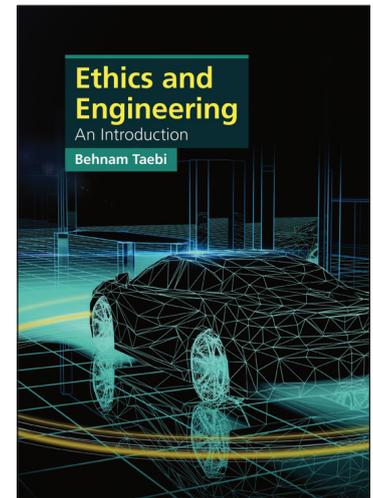
An Introduction

Behnam Taebi

Delft University of Technology

Description

The world population is growing, yet we continue to pursue higher levels of well-being, and as a result, increasing energy demands and the destructive effects of climate change are just two of many major threats that we face. Engineers play an indispensable role in addressing these challenges, and whether they recognize it or not, in doing so they will inevitably encounter a whole range of ethical choices and dilemmas. This book examines and explains the ethical issues in engineering, showing how they affect assessment, design, sustainability, and globalization, and explores many recent examples including the Fukushima Daiichi nuclear disaster, Dieseltgate, 'naked scanners' at airports, and biofuel production. Detailed but accessible, the book will enable advanced engineering students and professional engineers to better identify and address the ethical problems in their practice.



Key Features

- Provides examples of recent developments in engineering, as well as recent problems
- Focuses on design and assessment in engineering
- Sheds light on the international aspects of ethics and engineering, particularly with respect to climate change and energy

Contents

1. Ethics and engineering: an ethics up-front approach;

Part I. Assessment and Evaluation in Engineering:

2. Risk analysis and the ethics of technological risk;

3. Balancing costs, risks, benefits, and environmental impacts;

Part II. Ethics and Engineering Design:

4. Values in design and responsible innovation;

5. Morality and the machine;

Part III. Engineering Ethics, Sustainability, and Globalization:

6. Sustainability and energy ethics;

7. Engineering ethics in the international context: globalize or diversify?.

Additional Information

Level: Undergraduate students, graduate students

Series: Cambridge Applied Ethics

May 2021 244 x 170 mm 250pp

978-1-107-17753-6 Hardback £74.99 / US\$99.99

Understanding Genes

Kostas Kampourakis

Université de Genève

Description

What are genes? What do genes do? These questions are not simple and straightforward to answer; at the same time, simplistic answers are quite prevalent and are taken for granted. This book aims to explain the origin of the gene concept, its various meanings both within and outside science, as well as to debunk the intuitive view of the existence of 'genes for' characteristics and disease. Drawing on contemporary research in genetics and genomics, as well as on ideas from history of science, philosophy of science, psychology and science education, it explains what genes are and what they can and cannot do. By presenting complex concepts and research in a comprehensible and rigorous manner, it examines the potential impact of research in genetics and genomics and how important genes actually are for our lives. *Understanding Genes* is an accessible and engaging introduction to genes for any interested reader.

Key Features

- Analyzes and clarifies the gene concept, which is inherently difficult to define and which has been presented in distorted ways in the public sphere
- Presents contemporary genomics research, discussing both its successes and its limitations, clarifying what is and what is not currently possible to know about genes
- Discusses the use of metaphors in science and how these should and should not be used

Contents

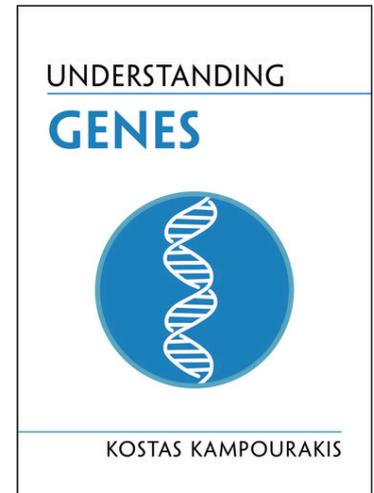
1. The Public Image of Genes;
2. The Origin and Evolution of the Gene Concept;
3. The Devolution of the Gene Concept;
4. There are No 'Genes For' Characteristics or Disease;
5. What Genes 'Do';
6. The Dethronement of Genes.

Additional Information

Level: General readers, undergraduate students

Series: Understanding Life

October 2021 178 x 127 mm c.230pp
978-1-108-81282-5 Paperback £11.99 / US\$14.95



Riding the Populist Wave

Europe's Mainstream Right in Crisis

Tim Bale

Queen Mary University of London

Cristóbal Rovira Kaltwasser

Universidad Diego Portales, Santiago

Description

In spite of the fact that Conservative, Christian democratic and Liberal parties continue to play a crucial role in the democratic politics and governance of every Western European country, they are rarely paid the attention they deserve. This cutting-edge comparative collection, combining qualitative case studies with large-N quantitative analysis, reveals a mainstream right squeezed by the need to adapt to both 'the silent revolution' that has seen the spread of postmaterialist, liberal and cosmopolitan values and the backlash against those values – the 'silent counter-revolution' that has brought with it the rise of a myriad far right parties offering populist and nativist answers to many of the continent's thorniest political problems. What explains why some mainstream right parties seem to be coping with that challenge better than others? And does the temptation to ride the populist wave rather than resist it ultimately pose a danger to liberal democracy?

Key Features

- Provides readers with detailed portraits of the mainstream right across Western Europe
- Details the contemporary challenge posed by the rise of the populist radical right to the mainstream right's continued ability to develop workable policy, to retain office, and to win votes
- Offers an integrated approach that allows more rigorous and fruitful comparisons

Contents

Preface;

1. The mainstream right in western europe: caught between the silent and silent counter-revolutions;
2. The demand side: profiling the electorate of the mainstream right in western europe since the 2000s;
3. The supply side: mainstream right party policy positions in a changing political space;
4. Austria: tracing the Christian democrats' adaptation to the silent counter-revolution;
5. France: party system change and the demise of the post-gaullist right;
6. Germany: how the Christian democrats manage to adapt to the silent counter-revolution;
7. Italy: the Italian mainstream right and its Allies, 1994-2018;
8. The Netherlands: how the mainstream right normalised the silent counter-revolution;
9. Spain: the development and decline of the popular party;
10. Sweden: the difficult adaptation of the moderates to the silent counter-revolution;
11. The UK: the conservatives and their competitors in the post-thatcher era;
12. The mainstream right in western europe in the 21st century;

References;

Index.

Additional Information

Level: Graduate students, academic researchers

August 2021 229 x 152 mm c.300pp 57 b/w illus. 13 tables

978-1-316-51876-2 Hardback £74.99 / US\$99.99



Antiracist Discourse

Theory and History of a Macromovement

Teun A. van Dijk

Universitat Pompeu Fabra, Barcelona

Description

Antiracism is a global and historical social movement of resistance and solidarity, yet there have been relatively few books focusing on it as a subject in its own right. After his earlier books on racist discourse, Teun A. van Dijk provides a theory of antiracism along with a history of discourse against slavery, racism and antisemitism. He first develops a multidisciplinary theory of antiracism, highlighting especially the role of discourse and cognition as forms of resistance and solidarity. He then covers the history of antiracist discourse, including antislavery and abolition discourse between the 16th and 19th century, antiracist discourse by white and black authors until the Civil Rights Movement and Black Lives Matter, and Jewish critical analysis of antisemitic ideas and discourse since the early 19th century. It is essential reading for anyone interested in how racism and antisemitism have been critically analysed and resisted in antislavery and antiracist discourse.

Key Features

- Provides for the first time a multidisciplinary theory of antiracism and a history of discourse against slavery, racism and antisemitism in Europe and the USA
- Highlights how antiracism can be defined as a global and historical social movement of resistance and solidarity
- Gives examples of how discourse is a major form of antiracist resistance and solidarity

Contents

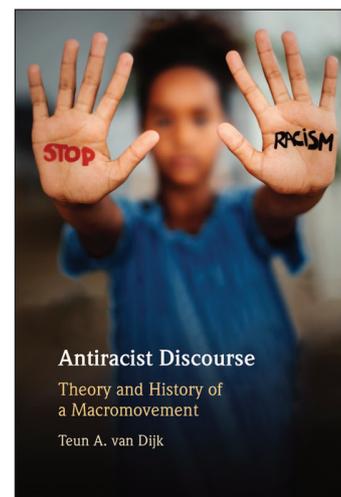
1. Introduction;
2. Theoretical framework;
3. First writings against slavery;
4. Abolitionist discourse of the Quakers;
5. Black resistance against slavery and discrimination;
6. The civil rights movement;
7. Jewish resistance against antisemitism;
8. Postwar antiracist discourse from UNESCO to Black Lives Matter;
9. Conclusions.

Additional Information

Level: Academic researchers, graduate students

April 2021

978-1-108-95607-9 Cambridge Core £90.00 / US\$140.00



What Capitalism Needs

Forgotten Lessons of Great Economists

John L. Campbell

Dartmouth College

and John A. Hall

McGill University, Montréal

Description

From unemployment to Brexit to climate change, capitalism is in trouble and ill-prepared to cope with the challenges of the coming decades. How did we get here? While contemporary economists and policymakers tend to ignore the political and social dimensions of capitalism, some of the great economists of the past – Adam Smith, Friedrich List, John Maynard Keynes, Joseph Schumpeter, Karl Polanyi and Albert Hirschman – did not make the same mistake. Leveraging their insights, sociologists John L. Campbell and John A. Hall trace the historical development of capitalism as a social, political, and economic system throughout the twentieth and early twenty-first centuries. They draw comparisons across eras and around the globe to show that there is no inevitable logic of capitalism. Rather, capitalism's performance depends on the strength of nation-states, the social cohesion of capitalist societies, and the stability of the international system – three things that are in short supply today.

Key Features

- Recovers the forgotten insights of great economists of the past
- Traces the historical development of capitalism as a social, political and economic system throughout the twentieth and early twenty-first centuries
- Draws lessons from comparisons across the globe and across different eras
- Explains why capitalism today is failing

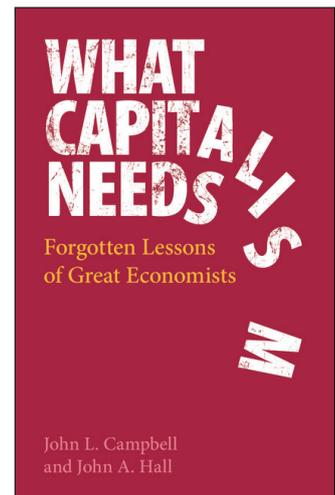
Contents

1. Sociology from economics;
2. Phoenix from the ashes;
3. Storm clouds;
4. Nationalism and social cohesion;
5. State failure;
6. What next?

Additional Information

Level: General readers, undergraduate students, academic researchers

September 2021 216 x 138 mm 300pp
978-1-108-48782-5 Hardback £20.00 / US\$24.95



Why Gender?

Edited by Jude Browne

University of Cambridge

Description

Why is a focus on gender so important for interpreting the world in which we live? Sixteen world-famous scholars have been brought together to address this question from their respective fields: Political Theory, Philosophy, Medical Anthropology, Law, Geography, Islamic Studies, Cultural Studies, Philosophy of Science, Literature, Psychoanalysis, History of Art, Education and Economics. The resulting volume covers an extraordinary array of contexts, ranging from rethinking trans* bodies, to traumatized tribal communities, to sexualized violence, to assisted reproductive technologies, to the implications of epigenetics for understanding gender, and yet they are all connected by their focus on the importance of gender as a category of analysis. The publication of this volume celebrates the anniversary of the launch of the Centre for Gender Studies at the University of Cambridge, and features contributions from past and future Diane Middlebrook and Carl Djerassi Visiting Professors to the University.

Key Features

- Provides multidisciplinary accounts on the importance of gender scholarship for understanding the world in which we live
- The breadth of disciplinary backgrounds illustrates the ways in which gender analysis is key to a huge number of fields and are presented here in a coherent framework
- Collects the writings of world-famous scholars on the subject, as never before

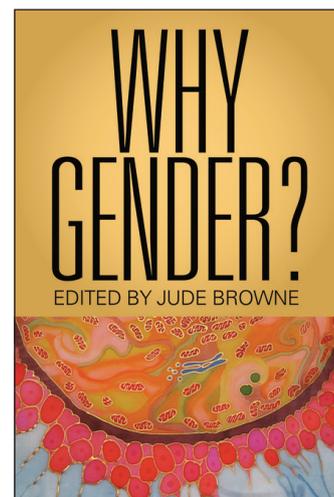
Contents

Introduction: Why Gender? 1. Gender in Translation: Beyond Monolingualism;
 2. Gender and The Queer/Trans* Undercommons;
 3. Gender and the End of Biological Determinism;
 4. Gender, Sexuality, Race and Colonialism;
 5. Posthuman Feminism and Gender Methodology;
 6. Gender, Sperm Troubles and Assisted Reproductive Technologies;
 7. Gender, Capital and Care;
 8. Aspiration Management: Gender, Race, Class and the Child as Waste;
 9. Gender, Race and American National Identity: The First Black First Family;
 10. Gender and the Collective;
 11. Willfulness, Feminism and the Gendering of Will;
 12. Gender and Emigré
 Political Thought: Hannah Arendt and Judith Shklar;
 13. Feminism and the Abomination of Violence: Gender Thought and Unthought;
 14. Trafficking, Prostitution and Inequality: The Centrality of Gender;
 15. Gender, Revenge, Mutation, and War;
 16. Bed Peace and Gender Abnorms.

Additional Information

Level: Graduate students, academic researchers

October 2021 229 x 152 mm c.320pp
 978-1-108-83337-0 Hardback £64.99 / US\$84.99



As If By Design

How Creative Behaviors Really Evolve

Edward A. Wasserman

University of Iowa

Description

The eureka moment is a myth. It is an altogether naïve and fanciful account of human progress. Innovations emerge from a much less mysterious combination of historical, circumstantial, and accidental influences. This book explores the origin and evolution of several important behavioral innovations including the high five, the Heimlich maneuver, the butterfly stroke, the moonwalk, and the Iowa caucus. Such creations' striking suitability to the situation and the moment appear ingeniously designed with foresight. However, more often than not, they actually arise 'as if by design.' Based on investigations into the histories of a wide range of innovations, Edward A. Wasserman reveals the nature of behavioral creativity. What surfaces is a fascinating web of causation involving three main factors: context, consequence, and coincidence. Focusing on the process rather than the product of innovation elevates behavior to the very center of the creative human endeavor.

Key Features

- Adopts an objective scientific approach to the study of creativity and innovation
- Demonstrates the centrality of behavior in the creative process
- Offers a framework for understanding creativity by stressing context, consequence, and coincidence in the evolution of innovative behaviors
- Deploys a narrative approach, using real life stories to explain creativity

Contents

Section I. Introduction;

Section II. The Vignettes;

Part I. Sports;

1. Dick Fosbury's High Jump was No Flop!;
2. Shedding Fresh Light on the History of the Butterfly Stroke;
3. The Monkey Crouch: Jockeying for Position;
4. Riding Acey-Deucey;
5. The High Five: One Singular Sensation;

Part II. Medicine;

6. The Apgar Score: 'Millions Have Been Saved';
7. The Ponseti Method: Effective Treatment for Clubfoot Only 2,400 Years in the Making;
8. The Heimlich Maneuver;

9. Eating to Live: The Lifesaving Contribution of Stanley Dudrick;

10. What's in a (Drug) Name?;

11. Self-Medication by People and Animals;

12. Personalized Medicine: The End of Trial-and-Error Treatment?;

Part III. Hygiene;

13. Florence Nightingale: Advancing Hygiene through Data Visualization;

14. Taking Mental Floss to Dental Floss;

15. A Very Close Shave;

Part IV. Arts, Entertainment, and Culture;

16. Ansel Adams: Art for Art's Sake?;

17. Basil Twist: 'Genius' Puppeteer;

18. Moonwalking: And More Mundane Modes of Moving;

19. Play on Words;

20. Cuatro Festivals Españoles;

21. Tchaikovsky: Puzzles of the *Pathétique*;

22. The Evolution of the Violin: Survival of the Fittest or the Fondest Fiddle?;

Part V. Is This Heaven? No, It's Iowa!;

23. The Rise and the Demise of the Iowa Caucus;

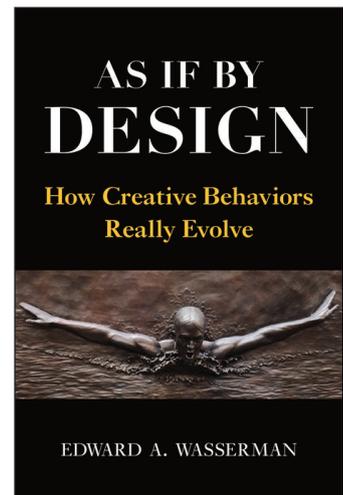
24. Iowa's Blackout Plates: Artistic License Hits the Road;

25. If I Write It, They Will Build It;

Section III. Putting It Together;

26. Context, Consequence, and Coincidence;

27. Are We Just Making It Up as We Go Along?



Additional Information

Level: General readers, undergraduate students

July 2021 229 x 152 mm 328pp

978-1-108-47776-5 Hardback £69.99 / US\$89.99

Giving the Devil his Due

Reflections of a Scientific Humanist

Michael Shermer

Chapman University, California

Description

Who is the 'Devil'? And what is he due? The Devil is anyone who disagrees with *you*. And what he is due is the right to speak his mind. He must have this for your own safety's sake because his freedom is inextricably tied to your own. If he can be censored, why shouldn't you be censored? If we put barriers up to silence 'unpleasant' ideas, what's to stop the silencing of any discussion? This book is a full-throated defense of free speech and open inquiry in politics, science, and culture by the *New York Times* bestselling author and skeptic Michael Shermer. The new collection of essays and articles takes the Devil by the horns by tackling five key themes: free thought and free speech, politics and society, scientific humanism, religion, and the ideas of controversial intellectuals. For our own sake, we must give the Devil his due.

Key Features

- Outlines a ten-point defence of free speech and open inquiry in politics, science, and culture
- Presents numerous real-world examples of how science and reason can be employed for solving moral dilemmas and determining human values
- Supplies many examples of heretics and heterodox thinkers, who challenged the orthodoxy and were punished for it, and how we should think about people whose claims challenge mainstream ideas today

Contents

Introduction. Who is the Devil and what is he due?;

Part I. The Advocatus Diaboli: Reflections on Free Thought and Free Speech:

1. Giving the Devil his due: why freedom of inquiry and speech in science and politics is inviolable;
2. Banning evil: in the shadow of the Christchurch massacre, myths about evil and hate speech are misleading;
3. Free speech even if it hurts: defending Holocaust denier David Irving;
4. Free to inquire: the evolution-creationism controversy as a test case in equal time and free speech;
5. Ben Stein's blunder: why intelligent design advocates are not free speech martyrs;
6. What went wrong? Campus unrest, viewpoint diversity, and freedom of speech;

Part II. *Homo Religiosus*: Reflections on God and Religion:

7. *E pluribus unum* for all faiths and for none;
8. Atheism and liberty: raising consciousness for religious skepticism through political freedom;
9. The curious case of Scientology: is it a religion or a cult?;
10. Does the Universe have a purpose?;
11. Why is there something rather than nothing?;

Part III. Deferred Dreams: Reflections on Politics and Society:

12. Another dream deferred: how identity politics, intersectionality theory, and tribal divisiveness are inverting Martin Luther King, Jr's dream;
13. Healing the bonds of affection: the case for classical liberalism;

14. Governing mars: lessons for the red planet from experiments in governing the blue planet;

15. The Sandy Hook effect: what we can and cannot do about gun violence;

16. On guns and tyranny;

17. Debating guns: what conservatives and liberals really differ on about guns (and everything else);

18. Another fatal conceit: the lesson from evolutionary economics is bottom-up self-organization, not top-down government design;

Part IV. *Scientia Humanitatis*: Reflections on Scientific Humanism:

19. Scientific naturalism: a manifesto for Enlightenment humanism;

20. Mr Hume: tear. Down. This. Wall.;

21. Kardashev's types and Sparks' law: how to build civilization 1.0;

22. How lives turn out: genes, environment, and luck – what we can and cannot control;

Part V. Transcendent Thinkers: Reflections on Controversial Intellectuals:

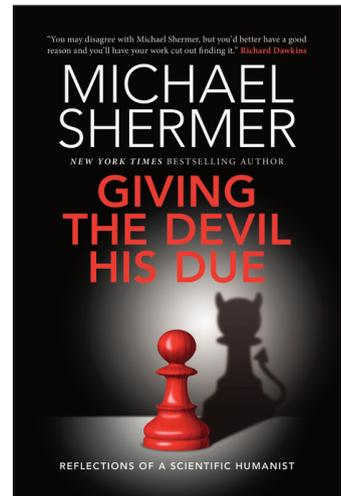
23. Transcendent man: an elegaic essay to Paul Kurtz – a skeptic's skeptic;

24. The real hitch: did Christopher Hitchens really keep two sets of books about his beliefs?;

25. The skeptic's chaplain: Richard Dawkins as a fountainhead of skepticism;

26. Have archetype – will travel: the Jordan Peterson phenomenon;

27. Romancing the past: Graham Hancock and the quest for a lost civilization.



Additional Information

Level: General readers, academic researchers

August 2021 366pp 22 b/w illus.

978-1-108-74758-5 Paperback £12.99 / US\$16.95

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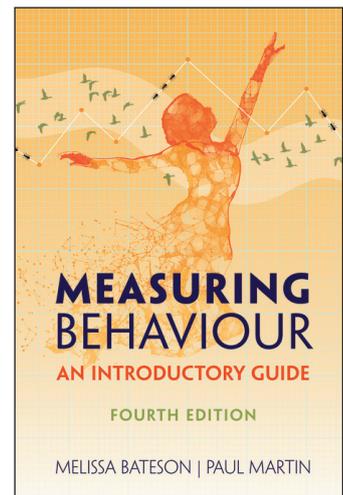
Measuring Behaviour

An Introductory Guide
Fourth edition

Melissa Bateson
Newcastle University
and **Paul Martin**

Description

Measuring Behaviour is the established go-to text for anyone interested in scientific methods for studying the behaviour of animals or humans. It is widely used by students, teachers and researchers in a variety of fields, including biology, psychology, the social sciences and medicine. This new fourth edition has been completely rewritten and reorganised to reflect major developments in how behavioural studies are conducted. It includes new sections on the replication crisis, covering Open Science initiatives such as preregistration, as well as fully up-to-date information on the use of remote sensors, big data and artificial intelligence in capturing and analysing behaviour. The sections on the analysis and interpretation of data have been rewritten to align with current practices, with advice on avoiding common pitfalls. Although fully revised and revamped, this new edition retains the simplicity, clarity and conciseness that have made *Measuring Behaviour* a classic since the first edition appeared more than 30 years ago.



Key Features

- Fourth edition of a classic text, completely rewritten to reflect major advances in behavioural science but retaining the simplicity, clarity and conciseness for which it is known
- Now includes completely new sections on the replication crisis and Open Science movement, as well as on the ethics of behavioural research, with boxes containing worked examples introduced throughout
- Describes the range of technologies now available for capturing and processing behaviour in humans and animals, explaining the data pipeline, big data and the use of artificial intelligence for automated behavioural coding.

Contents

Acknowledgements;

1. Introduction;
 2. Science and Truth;
 3. Choosing a Research Question;
 4. Designing a Behavioural Study;
 5. Ethics and the Law;
 6. Defining Behavioural Metrics;
 7. Recording Methods;
 8. Recording Technology;
 9. Individuals and Groups;
 10. Measurement Quality;
 11. Data Analysis;
 12. Interpreting and Communicating Findings;
- References;
Index.

Additional Information

Level: Undergraduate students, graduate students

May 2021 229 x 152 mm 246pp
978-1-108-47831-1 Hardback £74.99 / US\$99.99



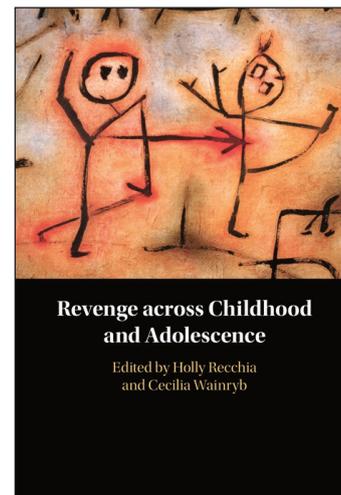
Revenge across Childhood and Adolescence

Holly Recchia

Concordia University, Montréal

Cecilia Wainryb

University of Utah



Description

This volume brings together research on revenge across childhood and adolescence to explore how revenge is a part of normative development, but also arises from maladaptive social environments. The chapters demonstrate the ways in which revenge is intertwined with social, emotional, cognitive, and moral development as well as being informed by interpersonal experiences within familial, educational, community, and cultural social settings. The book summarizes international scholarship on revenge across early childhood to late adolescence from a wide variety of interdisciplinary perspectives to provide a comprehensive overview of the field. The authors address how individual differences in revenge emerge as an adaptation to the challenges faced when growing up in adverse social and societal conditions. They then suggest a range of avenues for effective intervention that take account of the complexity of revenge as a psychological and social phenomenon.

Key Features

- Presents diverse theoretical and disciplinary perspectives on revenge in childhood and adolescence
- Considers a variety of approaches aimed at addressing revenge in childhood and adolescence across various levels of youth social ecologies
- Maps out the ways in which revenge is part of normative development, but also emerges from adverse social environments

Contents

1. And if you Wrong us, Shall we not Revenge? The Value of Grappling With the Experience of Revenge Among Youth;
2. A Framework for Understanding Variation in Youth Revenge Motivations and Retaliatory Behaviors;
3. Normative Changes and Individual Differences in Retaliation Judgments: A Constructivist Developmental Perspective;
4. Developing Revenge in Early Childhood: Current Evidence and Future Directions;
5. Understanding Youths' Retaliatory Experiences Through the Lens of Moral Agency;
6. Cultural Systems and the Development of Norms Governing Revenge and Retribution;
7. Settling the Score in a Zero-Sum Game: Understanding Revenge Among Urban Male Youth Overexposed to Gun Violence;
8. Intergroup Processes: Revenge among Youth Living Amid Protracted Conflict;
9. Revenge, Justice Systems, and Institutional Trust in Schools: Narrative Considerations;
10. The Importance of a Positive School Climate in Addressing Youth Retaliation;
11. Socioemotional Competencies and Positive Classroom Climate as Alternatives to Prevent Revenge in Colombian Schools;
12. Looking Back and Charting a Course: Considering Individual, Interpersonal and Institutional Contributions to the Development of Revenge in Childhood and Adolescence.

Additional Information

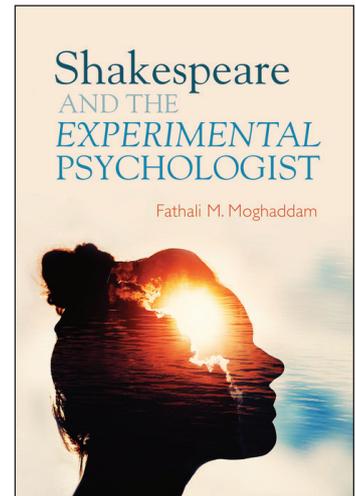
Level: Academic researchers, graduate students

July 2021 229 x 152 mm c.350pp
978-1-108-48936-2 Hardback £85.00 / US\$110.00

Shakespeare and the Experimental Psychologist

Fathali M. Moghaddam

Georgetown University, Washington DC



Description

Gain a better understanding of human behavior by exploring thought experiments in Shakespearean plays and the historical roots of experimental psychology within early modern literature. This book combines scientific psychology with English literature to discuss thought experiments in selected Shakespeare plays and examine the central role of thought experiments in the natural sciences. Thought experiments are essential for progress in scientific research. Indeed, Albert Einstein and a number of other leading scientists relied almost exclusively on thought experiments. Thought experiments also play a pivotal role in English literature, particularly in Shakespeare plays. By focussing on thought experiments and experimental psychology's place within early modern English literature, the volume establishes a more wholistic approach to understanding human behavior.

Key Features

- Shows how the roots of experimental psychology can be found in early modern English literature
- Gives a wider, more accurate perspective on relations between English literature, psychology, and other social sciences
- Demonstrates the power of thought experiments in Shakespeare plays, as well as in both the humanities and social sciences in general

Contents

Preface;

Acknowledgements;

1. Introducing Shakespeare's psychological thought experiments;

2. Experimental research;

Part I. Thought Experiments Involving Plays within Plays:

3. *Hamlet*; 4. *Henry IV-Part- I*; **Part II.** Thought Experiments and the Power of Context:

5. *The Tempest*; 6. *As You Like It*; 7. *King Lear*; 8. *Othello*; 9. *Richard III*; 10. *Macbeth*; 11. *Julius Caesar*.

Additional Information

Level: Undergraduate students, graduate students

June 2021 229 x 152 mm c.200pp

978-1-108-49150-1 Hardback £74.99 / US\$99.99

The Enablers

How Team Trump Flunked the Pandemic and Failed America

Barbara Kellerman

Harvard University, Massachusetts

Description

The COVID-19 pandemic will forever be remembered as a pivotal event in American history. Written by one of the world's foremost experts on leadership and followership, this book centers on the first six months of the pandemic and the crises that ran rampant. The chapters focus less on the former president, Donald Trump, than on his followers: on people complicit in his miserable mismanagement of the crisis in public health. Barbara Kellerman provides clear and compelling evidence that Trump was not entirely to blame for everything that went wrong. Many others were responsible including his base, party, administration, inner circle, Republican elites, members of the media, and even medical experts. Far too many surrendered to the president's demands, despite it being obvious his leadership was fatally flawed. The book testifies to the importance of speaking truth to power, and a willingness to take risks properly to serve the public interest.

Key Features

- Provides an alternative view of the leadership of the pandemic as it unfolded in the USA
- Explains how supporters and subordinates of Trump were complicit in the chaos
- Shows how fixation on bad leaders protects bad followers from sharing responsibility and shouldering blame

Contents

Part I. Trump's Tribe:

1. Base;
2. Party;
3. Administration;
4. Inner Circle;

Part II. Virus Crisis:

5. Prequel to the Pandemic;
6. Sequence of the Pandemic;
7. Science of the Pandemic;
8. Politics of the Pandemic;

Part III. Trump's Team:

9. Vice President, Cabinet;
10. Senior Advisors;
11. Senators, Governors, Media;
12. Medical Experts;

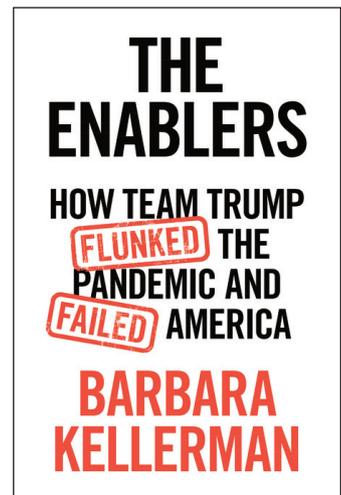
Epilogue: Enabler Effect.

Additional Information

Level: General readers, graduate students, professionals

August 2021 229 x 152 mm 330pp

978-1-108-83832-0 Hardback £20.00 / US\$24.95



Twenty Ways to Assess Personnel

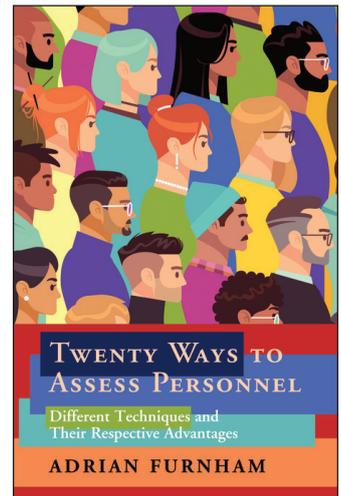
Different Techniques and their Respective Advantages

Adrian Furnham

University of London

Description

Over the years, there has been more and more research to test the validity of personnel assessment methods, an area which is far from easy. This book compares traditional practices against new techniques, including social media analytics, wearables, mobile phone logs, and gamification. Researchers and businesses alike know the importance of making good, and avoiding bad, selection decisions, but are unsure of how to proceed effectively. This book maps out the viable options and advises on best practice. The author combines both practical applications and academic, psychological research to explain how each method works, the theory behind it, and the extent of the evidence that supports it.



Key Features

- Explains personnel assessment from a psychologist's perspective
- Combines practical applications and academic research
- Shows how each method works, the theory behind it, and the evidence that supports it

Contents

1. Introduction;
2. Important issues in selection and assessment;
3. Traditional and discredited methods;
4. Self report tests;
5. Observer reports;
6. Behavioural tests;
7. Physiology;
8. Biography;
9. Big data;
10. The future of assessment.

Additional Information

Level: Professionals, graduate students, undergraduate students

July 2021 229 x 152 mm c.300pp
978-1-108-84468-0 Hardback £99.99 / US\$130.00

Cognitive-Behavioral Therapy for Avoidant/Restrictive Food Intake Disorder

Children, Adolescents, and Adults

Jennifer J. Thomas
Harvard Medical School
and Kamryn T. Eddy
Harvard Medical School

Description

Avoidant/restrictive food intake disorder (ARFID) is a common eating disorder diagnosis that describes children and adults who cannot meet their nutritional needs, typically because of sensory sensitivity, fear of adverse consequences and/or apparent lack of interest in eating or food. This book is the first of its kind to offer a specialist treatment, specifically for ARFID. Developed, refined and studied in response to this urgent clinical need, this book outlines a specialized cognitive-behavioral treatment: Cognitive-Behavioral Therapy for Avoidant/Restrictive Food Intake Disorder (CBT-AR). This treatment is designed for patients across all age groups, supported by real-life case examples and tools to allow clinicians to apply this new treatment in their own clinical settings.

Key Features

- Fills a desperate gap in the market for a specialist treatment for avoidant/restrictive food intake disorder (ARFID), providing mental health professionals with information and guidance in how to treat patients
- This treatment can be offered to all age groups and therefore there is no need to learn multiple therapies
- A comprehensive therapy that addresses diagnostic heterogeneity within ARFID; clinicians can select specific modules that are relevant to the patient's primary ARFID maintaining mechanisms

Contents

Dedication;

List of figures;

List of tables;

Foreword;

Preface;

Acknowledgements;

1. What is ARFID?;

2. Overview of existing treatments for feeding, eating, and anxiety disorders;

3. Assessment of ARFID;

4. Cognitive-behavioral model of ARFID;

5. Overview of CBT-AR;

6. Stage 1: Psychoeducation and early change;

7. Stage 2: treatment planning;

8. Stage 3: maintaining mechanisms in order of priority;

9. Stage 4: relapse prevention;

10. CBT-AR case examples;

11. Conclusion and future directions;

Appendix 1: CBT-AR competence ratings;

Appendix 2: CBT-AR adherence: session-by-session ratings;

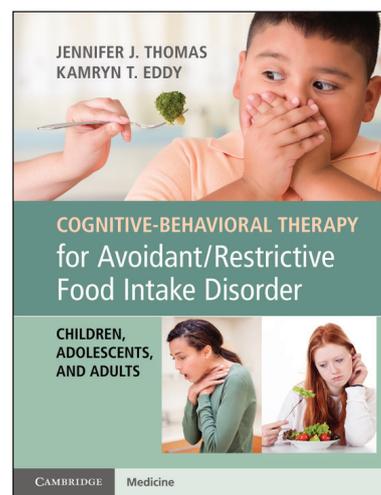
References;

Index.

Additional Information

Level: Medical specialists/consultants

November 2018 246 x 189 mm 190pp 19 b/w illus. 16 tables
978-1-108-40115-9 Paperback £28.99 / US\$39.99



Russian and
Spanish rights
sold.

The Picky Eater's Recovery Book

Overcoming Avoidant/Restrictive Food Intake Disorder

Jennifer J. Thomas

Harvard Medical School

Kendra R. Becker

Harvard Medical School

and Kamryn T. Eddy

Harvard Medical School

Description

Are you a picky eater? Do you worry that food will make you vomit or choke? Do you find eating to be a chore? If yes, this book is for you! Your struggles could be caused by Avoidant Restrictive Food Intake Disorder (ARFID); a disorder characterized by eating a limited variety or volume of food. You may have been told that you eat like a child, but ARFID affects people right across the lifespan, and this book is the first specifically written to support adults. Join Drs. Jennifer Thomas, Kendra Becker, and Kamryn Eddy – three ARFID experts at Harvard Medical School – to learn how to beat your ARFID at home and unlock a healthier relationship with food. Real-life examples show that you are not alone, while practical tips, quizzes, worksheets, and structured activities, take you step-by-step through the latest evidence-based treatment techniques to support your recovery.

Key Features

- The first book supporting adults with recovery from picky eating, fear of vomiting/choking or lack of interest in eating (the key characteristics of ARFID)
- Includes real-life examples of people struggling with ARFID, to help you understand the disorder and realize that you are not alone
- Provides evidence-based techniques to support recovery, with practical tips, quizzes, worksheets, and structured activities you can work through independently at home

Contents

Dedication;

Foreword;

Preface;

Acknowledgements;

Part I. All About ARFID:

1. What is ARFID?;

2. Do you have ARFID?;

Part II. Getting Started (Stages 1 and 2):

3. How does ARFID work?;

4. Regular eating and early change;

5. Identifying what else needs to change;

Part III. Tackling What Keeps Your ARFID Going (Stage 3):

6. Sensory sensitivity;

7. Fear of aversive consequences;

8. Lack of interest in eating or food;

9. Shape and weight concerns in the context of ARFID symptoms;

Part IV. Moving Forward (Stage 4):

10. Continuing to make progress and preventing relapse;

11. Conclusion;

References.

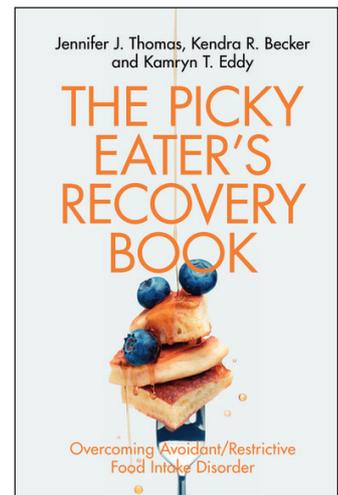
Additional Information

Level: General readers, professionals

August 2021 198 x 129 mm 280pp

978-1-108-79617-0 Paperback £12.99 / US\$16.95

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Suicide Prevention

Stahl's Handbooks

Christine Yu Moutier

The American Foundation for Suicide Prevention

Anthony R. Pisani

University of Rochester Medical Center, New York

and Stephen M. Stahl

University of California, San Diego

Description

The current suicide public health crisis and advances in clinical practice have increased the need for clear, evidence-informed guidance on suicide prevention in healthcare. This clinical suicide prevention handbook is an essential resource for mental health and primary care professionals, and any practitioner aiming to ensure their practice is up-to-date, patient-centred and consistent with the most current standards of care. Starting with a summary of the science and public health model of suicide, the book offers quick tips for suicide screening, risk assessment, interventions, and follow-up communication. It discusses medicolegal risk management, how health systems can prevent suicide and provides highly specialized guidance for clinicians following the loss of a patient to suicide. Focused sections include incorporating social media into care plans, telemedicine, issues related to culture and race/ethnicity, and working with specific populations. It introduces an integrated, prevention-oriented approach to suicide prevention, incorporating realistic supports, foreseeable changes, and strategies.

Key Features

- Provides clear and useful steps, with essential background information, that emphasise actionable steps and clear take-away points, allowing readers to find practical guidance quickly during the clinical care of patients
- Tackles a very timely subject matter, with the topic of suicide prevention gaining momentum in both mainstream culture and the clinical world, and includes personal accounts voiced by people with Lived Experience of Suicide (suicide loss and attempt survivors)
- Covers the most recent accreditation requirements regarding new standards, supporting training efforts in health systems and providing a framework for other current changes such as the Zero Suicide movement in healthcare

Contents

Part I. Suicide Prevention Overview:

1. Translating Science into Action;
2. Dispelling Myths;
3. Public Health Model of Suicide;
4. Understanding Why: Drivers of Suicide Risk;

Part II. Clinical Risk Assessment and Care:

5. Collaborative Connections;
6. Prevention Oriented Suicide Risk Assessment;
7. Responding to Suicide Risk;
8. Extending Care Beyond the Individual;

9. Use of Medications in Suicide Prevention;

10. Suicide Prevention in Healthcare Systems;

Part III. Special Topics: Medicolegal Considerations and Specific Populations:

11. Medicolegal Risk Management;
12. The Role of Culture and Societal Factors;
13. Youth and Adolescents;
14. Military and Veterans;
15. Older Adults;
16. LGBT Populations;
17. Suicide Loss Survivors.

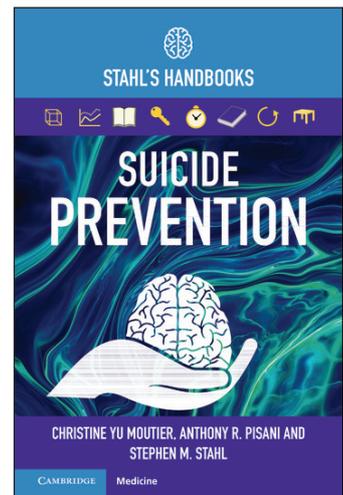
Additional Information

Level: Primary Care Physicians/GPs, medical specialists/consultants, professionals

Series: Stahl's Essential Psychopharmacology Handbooks

May 2021 186 x 123 mm c.192pp

978-1-108-46362-1 Paperback £26.99 / US\$34.99



Brain Fables

The Hidden History of Neurodegenerative Diseases and a Blueprint to Conquer Them

Alberto Espay

University of Cincinnati

Benjamin Stecher

Educational Consultant and Healthcare Advocate

Description

An estimated 80 million people live with a neurodegenerative disease. That number is expected to increase rapidly as populations age, lifespans increase, and exposure to toxins rises. Despite decades of research and billions in funding, there are no medications that can slow, much less stop, the progress of these diseases. This is because diseases such as Parkinson's and Alzheimer's do not exist in biology. Yet, hundreds of clinical trials around the world are examining the potential of single therapies in thousands of people sharing one of these labels. Compounding the problem, these therapies were developed on evidence from models that do not come close to capturing the complexity of these diseases in the affected humans. These practices must end. *Brain Fables* is a call to refocus on understanding living and aging to create the personalized treatments each affected individual desperately needs.

Key Features

- The combined narrative of an acclaimed neurodegenerative disease researcher and an expert patient advocate ensures this never-before-told important story appeals to both professional and lay audiences with an interest in brain health
- Lived-experience commentary from a patient living with Parkinson's provides an insight into the uncertainty and lack of information after a diagnosis, and offers reassurance to other patients about what lies ahead
- A wakeup call to the scientific community and society, the authors present evidence-based arguments on how and why we must reimagine and treat neurodegenerative diseases in a convincing and engaging narrative

Contents

Preface;

Acknowledgements;

1. The shaky six and the 'second reality';

2. Pieces of a puzzle?;

3. Disease 'redefinition': a tough pill to swallow;

4. Disease subtypes: the promise and the fallacy;

5. Protein paradox;

6. The fault in our models;

7. Biomarkers: the promise and the fallacy;

8. Lessons from oncology;

9. Symptomatic vs. disease-modifying therapies;

10. The hypothesis that refuses to die;

11. Our living dissonance;

12. The scientific and lay narratives;

13. Challenges viewed from afar;

14. The moonshot: population-based studies of aging;

15. Predictions for the 2020s and beyond;

Epilogue. 'When will we have a cure for Parkinson's disease?';

Note added at press time;

References;

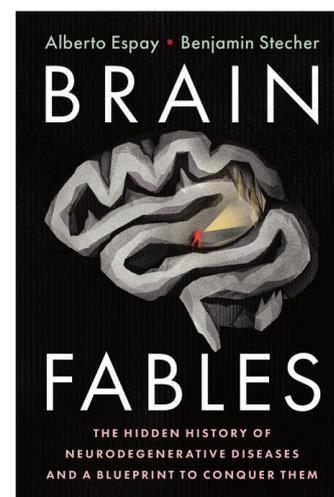
Index.

Additional Information

Level: General readers, medical specialists/consultants

July 2020 234 x 156 mm 174pp 35 b/w illus. 7 tables

978-1-108-74462-1 Paperback £14.99 / US\$19.95



Stahl's Essential Psychopharmacology

Neuroscientific Basis and Practical Applications
Fifth edition

Stephen M. Stahl

University of California, San Diego

Description

Long established as the preeminent source in its field, the eagerly anticipated fifth edition of Dr Stahl's essential textbook of psychopharmacology is here! With its use of icons and figures that form Dr Stahl's unique 'visual language', the book is the single most readable source of information on disease and drug mechanisms for all students and mental health professionals seeking to understand and utilize current therapeutics, and to anticipate the future for novel medications. Every aspect of the book has been updated, with the clarity of explanation that only Dr Stahl can bring. The new edition includes over 500 new or refreshed figures, an intuitive color scheme, fourteen new uses for older drugs and eighteen brand new drugs, coverage of Parkinson's Disease Psychosis, behavioural symptoms of dementia, and mixed features in major depressive episodes, and expanded information on the medical uses of cannabis and hallucinogen assisted psychotherapy.

Key Features

- Thoroughly updated and extensively revised for the fifth edition, taking account of developments in the field
- Evidence-based principles for the use of psychopharmacologic drugs are clearly explained and developed
- Features the author's highly-praised writing style with clear, easy-to-follow illustrations
- Highly illustrated throughout with over 500 brand new or refreshed eye-catching, clear, color diagrams
- Carefully selected 'suggested reading' directs the reader to the most relevant sources for further information on a particular topic
- All chapters have been restructured to reflect Neuroscience based Nomenclature, that is, drugs named for their mechanism of action rather than use
- Indispensable for all students and professionals in mental health

Contents

Preface to the Fifth Edition;

CME Information;

1. Chemical Neurotransmission;

2. Transporters, Receptors and Enzymes as Targets of Psychopharmacological Drug Action;

3. Ion Channels as Targets of Psychopharmacological Drug Action;

4. Psychosis, Schizophrenia and the Neurotransmitter Networks Dopamine, Serotonin and Glutamate;

5. Targeting Dopamine and Serotonin Receptors for Psychosis, Mood and Beyond: So-Called 'Antipsychotics';

6. Mood Disorders and the Neurotransmitter Networks Norepinephrine and Gamma Amino Butyric Acid (Gaba);

7. Treatments for Mood Disorders: So-Called 'Antidepressants' and 'Mood Stabilizers';

8. Anxiety, Trauma and Treatment;

9. Chronic Pain and its Treatment;

10. Disorders of Sleep and Wakefulness and their Treatment: Neurotransmitter Networks for Histamine and Orexin;

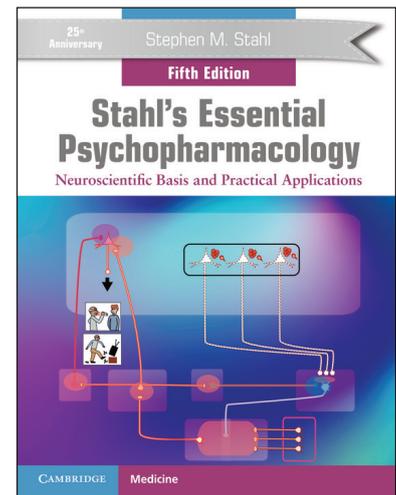
11. Attention Deficit Hyperactivity Disorder and its Treatment;

12. Dementia: Causes, Symptomatic Treatments and the Neurotransmitter Network Acetylcholine;

13. Impulsivity, Compulsivity and Addiction;

Suggested Reading and Selected References;

Index.



Additional Information

Level: Specialist medical trainees, medical specialists/consultants, graduate students

July 2021 246 x 189 mm 644pp

978-1-108-97163-8 Paperback £74.99 / US\$99.99

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 **CAMBRIDGE**
UNIVERSITY PRESS

Textbook of Immunopsychiatry

Golam Khandaker

University of Cambridge

Neil Harrison

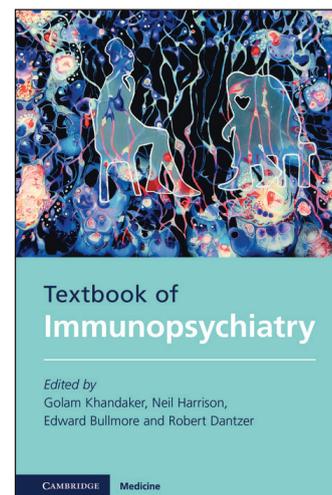
Cardiff University Brain Research Imaging Centre (CUBRIC)

Edward Bullmore

University of Cambridge

Robert Dantzer

MD Anderson Cancer Centre



Description

The rapidly growing field of immunopsychiatry combines expertise and insights from immunology, psychiatry and neuroscience to understand the role of inflammation and other immune processes in causing and treating mental illness. This represents a major shift in mental health science, traditionally focused on psychological and neuronal mechanisms of depression, psychosis and dementia. This book provides the first comprehensive overview of recent, inter-disciplinary research linking disordered function of the immune system to the brain and mental illness. It offers a broad and deep perspective on the implications of immune system involvement in psychiatric disorders, including a balanced focus on basic science and clinical applications. Chapters cover the scientific evidence linking immune processes to major mental illnesses such as schizophrenia, depression, anxiety and dementia. An invaluable guide for graduate students, doctors in training, scientific researchers and others interested in the link between the immune system and mental health.

Key Features

- Provides a comprehensive overview of recent research linking disordered function of the immune system to various mental illness, giving a well-informed and accessible perspective on this rapidly growing, inter-disciplinary field
- Offers a balanced focus on basic science and clinical research, valuable to both researchers and clinicians across psychiatry, neuroscience and immunology
- Includes recent developments regarding potential usefulness of immunotherapies for major psychiatric disorders, highlighting the clinical relevance and translational potential of new insights into how the brain and the immune system can interact to cause mental health disorders

Contents

Preface;

1. Basic concepts in immunobiology;
2. From psychoneuroimmunology to immunopsychiatry: an historical perspective; 3. Stress, immune system and brain;
4. The role of prenatal and childhood infection and inflammation in Schizophrenia;
5. The role of autoimmune encephalitis in immunopsychiatry and lessons from neuropsychiatric systemic lupus erythematosus;
6. Effectiveness of immunotherapies for psychotic disorders;
7. Inflammation, sickness behaviour and depression;
8. Immunotherapies for depression;
9. The effect of systemic inflammation on cognitive function and neurodegenerative disease;
10. Role of inflammation in Lewy body dementia;
11. The role of adaptive and innate immunity in alzheimer's disease;
12. The immune system and anxiety disorders;
13. Microbiome-gut-brain interactions in neurodevelopmental disorders: focus on autism and schizophrenia;
14. Depression and the adaptive immune system;
15. Transdiagnostic features of the immune system in major depressive disorder, bipolar disorder and schizophrenia.

Additional Information

Level: Medical Specialists/Consultants, academic researchers, professionals

September 2021 234 x 156 mm c.360pp
978-1-108-42404-2 Hardback £49.99 / US\$64.99

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Dinosaurs

A Concise Natural History
Fourth edition

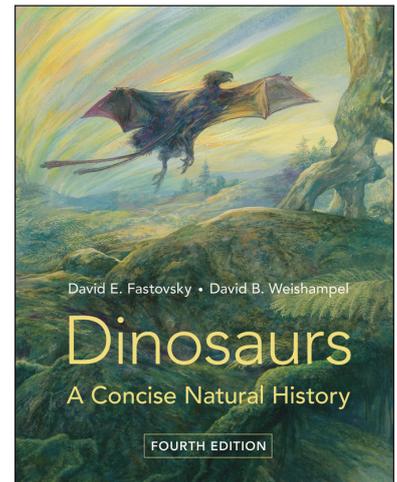
David E. Fastovsky
University of Rhode Island

David B. Weishampel

John Sibbick

Description

The ideal textbook for non-science majors, this lively and engaging introduction encourages students to ask questions, assess data critically and think like a scientist. Building on the success of previous editions, *Dinosaurs* has been thoroughly updated to include new discoveries in the field, such as the toothed bird specimens found in China and recent discoveries of dinosaur soft anatomy. Illustrations by leading paleontological illustrator John Sibbick and new, carefully-chosen photographs, clearly show how dinosaurs looked, lived and their role in Earth history. Making science accessible and relevant through clear explanations and extensive illustrations, the text guides students through the dinosaur groups, emphasizing scientific concepts rather than presenting endless facts. Grounded in the common language of modern evolutionary biology – phylogenetic systematics – students learn to think about dinosaurs the way that professional paleontologists do.



Key Features

- Unlike other introductory books, *Dinosaurs* is not a list of facts and figures but instead is concept-based, encouraging students to consider dinosaurs as a series of scientific questions to be answered
- Addresses the paleontology of dinosaurs exactly as the professionals in the field do, using phylogenetic systematic methods to reconstruct dinosaur relationships
- Dinosaurs are brought to life in specially commissioned drawings from the acclaimed dinosaur illustrator, John Sibbick, which have been updated for this edition to include many of the newest discoveries in dinosaur paleobiology
- High-resolution figures, topic question answers, all new lecture slides and a test bank available for instructors online
- Spectacular, Mesozoic toothed bird discoveries in China are now included with specimen photographs provided by the scientists working on these organisms
- Updated look at the history of the field engages with diversity and introduces an entire generation of young, game-changing paleontologists

Contents

Part I. Remembrance of Things Past:

1. To Catch a Dinosaur;
2. Dinosaur Days;
3. Who's Related to Whom – and How Do We Know?;
4. Who Are the Dinosaurs?;
5. In The Beginning;

Part II. Saurischia: Meat, Might, Muscle, and Magnitude:

6. Theropoda I: Nature Red In Tooth and Claw;
7. Theropoda II: Meet the Theropods;

8. Theropoda III: The Origin and Early Evolution of Birds;

9. Sauropodomorpha: The Big, the Bizarre, and the Majestic;

Part III. Ornithischia: Armored, Horned, and Duck-Billed Dinosaurs:

10. Thyreophora: the Armor-bearers;
11. Marginocephalia: Bumps, Bosses, and Beaks;
12. Ornithopoda: Mighty Mesozoic Masticators;

Part IV. Endothermy, Endemism, and Extinction:

13. The Paleobiology of Dinosaurs I;

14. The Paleobiology of Dinosaurs II;

15. The Flowering of the Mesozoic;

16. A History of Dinosaur Paleontology Through the Ideas of Dinosaur Paleontologists ;

17. The Cretaceous–Paleogene Extinction: The Frill is Gone;

- Glossary;
Index of Subjects;
Index of Genera.

Additional Resources: <http://www.cambridge.org/9781108475945>

High-resolution figures, topic question answers, lecture tutorials

Additional Information

Departments: Life Sciences, Geology, Earth Sciences, Environmental Sciences

Level: undergraduate students, graduate students

July 2021 276 x 219 mm 534pp 366 colour illus. 3 tables
978-1-108-47594-5 Hardback £150.00 / US\$195.00

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The Evolution of Social Behaviour

Michael Taborsky

University of Bern

Michael A. Cant

University of Exeter

Jan Komdeur

University of Groningen

Description

How can the stunning diversity of social systems and behaviours seen in nature be explained? Drawing on social evolution theory, experimental evidence and studies conducted in the field, this book outlines the fundamental principles of social evolution underlying this phenomenal richness. To succeed in the competition for resources, organisms may either 'race' to be quicker than others, 'fight' for privileged access, or 'share' their efforts and gains. The authors show how the ecology and intrinsic attributes of organisms select for each of these strategies, and how a handful of straightforward concepts explain the evolution of successful decision rules in behavioural interactions, whether among members of the same or different species. With a broad focus ranging from microorganisms to humans, this is the first book to provide students and researchers with a comprehensive account of the evolution of sociality by natural selection.

Key Features

- Provides the first comprehensive overview of the evolution of social behaviour, showing how the intriguing diversity of social systems can be explained with only a few essentials
- Combines results from empirical and theoretical studies for an integrative insight into principles of social evolution
- Spans the whole range of organisms and evolutionary principles, thereby enabling a comparative evaluation of sociality and its underlying mechanisms across biology

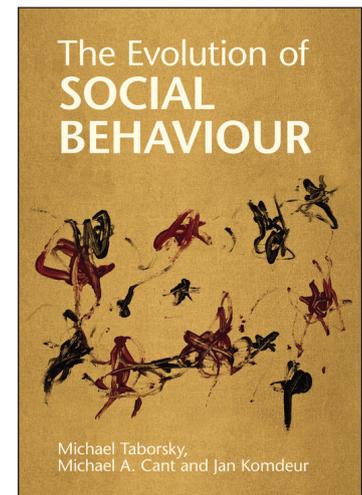
Contents

Preface;
 1. Introduction;
 2. Non-interference rivalry;
 3. Conflict;
 4. Cooperation;
 5. Interspecific relations;
 6. Synopsis;
 References;
 Subject index;
 Taxonomic index.

Additional Information

Level: Graduate students, academic researchers

August 2021 247 x 174 mm 438pp
 978-1-107-01118-2 Hardback £84.99 / US\$110.00



Understanding Development

Alessandro Minelli

University of Padua

Description

Developmental biology is seemingly well understood, with development widely accepted as being a series of programmed changes through which an egg turns into an adult organism, or a seed matures into a plant. However, the picture is much more complex than that: is it all genetically controlled or does environment have an influence? Is the final adult stage the target of development and everything else just a build-up to that point? Are developmental strategies the same in plants as in animals? How do we consider development in single-celled organisms? In this concise, engaging volume, Alessandro Minelli, a leading developmental biologist, addresses these key questions. Using familiar examples and easy-to-follow arguments, he offers fresh alternatives to a number of preconceptions and stereotypes, awakening the reader to the disparity of developmental phenomena across all main branches of the tree of life.

Key Features

- Introduces over forty-five key misunderstandings or unwarranted generalisations, followed by examples and short discussions, allowing the book to be read cover to cover or be dipped in and out of by readers
- Includes examples from all main lineages in the tree of life, highlighting issues mostly ignored in books on developmental biology to date and offering opportunities for readers to revise concepts and formulate new questions
- Covers the whole life cycle of an organism, including the post-embryonic phases as well as the embryonic phase of development, providing an emphasis on aspects at the cellular and organismic level and exposing the limitations of the current gene-centred view of development

Contents

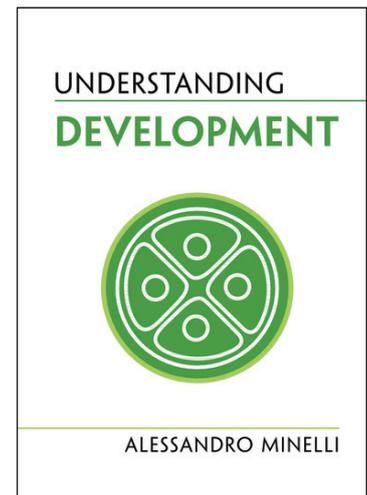
1. Defining development, If possible;
 2. Cells and development;
 3. Development as the history of the individual;
 4. Revisiting the embryo;
 5. Developmental sequences: sustainability vs adaptation;
 6. Genes and development;
 7. Emerging form;
 8. The ecology of development;
- Concluding remarks.

Additional Information

Level: General readers, graduate students, academic researchers

Series: Understanding Life

May 2021 178 x 127 mm 192pp
978-1-108-83677-7 Hardback £39.99 / US\$49.99



Understanding DNA Ancestry

Sheldon Krimsky

Tufts University, Massachusetts

Description

DNA ancestry companies generate revenues in the region of \$1bn a year, and the company 23andMe is said to have sold 10 million DNA ancestry kits to date. Although evidently popular, the science behind how DNA ancestry tests work is mystifying and difficult for the general public to interpret and understand. In this accessible and engaging book, Sheldon Krimsky, a leading researcher, investigates the methods that different companies use for DNA ancestry testing. He also discusses what the tests are used for, from their application in criminal investigations to discovering missing relatives. With a lack of transparency from companies in sharing their data, absent validation of methods by independent scientists, and currently no agreed-upon standards of accuracy, this book also examines the ethical issues behind genetic genealogy testing, including concerns surrounding data privacy and security. It demystifies the art and science of DNA ancestry testing for the general reader.

Key Features

- Deciphers for a general audience the science behind DNA ancestry tests, enabling readers to understand how these tests are conducted and how to assess their accuracy
- Covers DNA sequencing, population genetics, ancestral information markers (AIMs), genetic variation, and forensic DNA applications of DNA ancestry information
- Provides rich case studies on applications of DNA ancestry in criminal investigations, the discovery of missing relatives, false paternity, and personal identity, offering a holistic account of DNA ancestry for readers who want to understand its uses and misuses in our society, including concerns about protecting privacy
- Investigates the commercial sides of DNA ancestry, including why ancestry companies have adopted health information in their testing

Contents

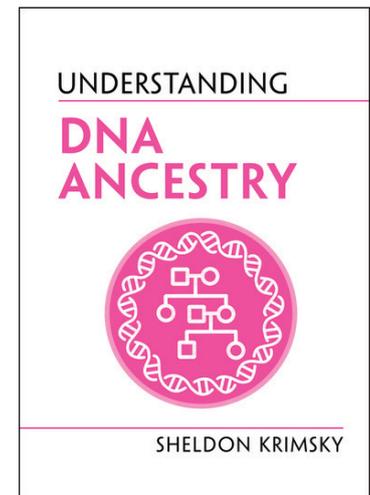
1. Introduction;
2. The business of DNA ancestry;
3. Geographical origins and movements of early human populations;
4. The science behind DNA ancestry testing;
5. Ancestry informative markers;
6. Ancestry DNA population reference panels;
7. Comparing a donor's DNA to reference panel populations;
8. Probing your DNA;
9. Forensic applications of ancestry DNA results;
10. Privacy, personal identity and legal issues;
11. Discovering unknown, missing or mistaken relatives;
12. Accuracy, consistency and validation of DNA ancestry tests;
13. Conclusion.

Additional Information

Level: General readers, graduate students, academic researchers

Series: Understanding Life

October 2021 178 x 127 mm c.150pp
978-1-108-84198-6 Hardback £34.99 / US\$44.99



Understanding Evo-Devo

Wallace Arthur

National University of Ireland, Galway

Description

Why do the best-known examples of evolutionary change involve the alteration of one kind of animal into another very similar one, like the evolution of a bigger beak in a bird? Wouldn't it be much more interesting to understand how beaks originated? Most people would agree, but until recently we didn't know much about such origins. That is now changing, with the growth of the interdisciplinary field evo-devo, which deals with the relationship between how embryos develop in the short term and how they (and the adults they grow into) evolve in the long term. One of the key questions is: can the origins of structures such as beaks, eyes, and shells be explained within a Darwinian framework? The answer seems to be yes, but only by expanding that framework. This book discusses the required expansion, and the current state of play regarding our understanding of evolutionary and developmental origins.

Key Features

- Asks what evo-devo is, how it originated, and how it changes our views of the nature of the short-term process of embryonic and postembryonic development, and the long-term process of evolution
- Emphasizes that neither evolution nor development can be fully understood without an appreciation of how each process interacts with the other
- Weaves together information from developmental biology, evolutionary biology, genetics and palaeontology
- Gives readers a feel for what is known and what is not yet known about this important subject

Contents

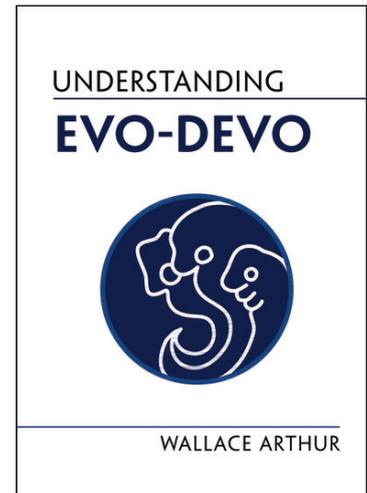
Preface;
 Acknowledgements;
 1. What is evo-devo and why is it important?;
 2. Antecedents of evo-devo;
 3. Evolutionary and developmental essentials;
 4. Evo-devo essentials;
 5. The evolution of variations on a theme;
 6. The evolutionary origins of themes and novelties;
 7. The evolutionary origins of body plans;
 8. Body plan features and toolkit genes;
 9. Bringing it all together;
 Concluding remarks;
 Summary of common misunderstandings;
 References;
 Index.

Additional Information

Level: General readers, undergraduate students, academic researchers

Series: Understanding Life

May 2021 178 x 127 mm 206pp
 978-1-108-83693-7 Hardback £39.99 / US\$49.99



Earth Detox

How and Why we Must Clean Up Our Planet

Julian Cribb

Julian Cribb & Associates

Description

Every person on our home planet is affected by a worldwide deluge of man-made chemicals and pollutants – most of which have never been tested for safety. Our chemical emissions are *six times larger* than our total greenhouse gas emissions. They are in our food, our water, the air we breathe, our homes and workplaces, the things we use each day. This universal poisoning affects our minds, our bodies, our genes, our grandkids, and all life on Earth. Julian Cribb describes the full scale of the chemical catastrophe we have unleashed. He proposes a new Human Right – *not to be poisoned*. He maps an empowering and hopeful way forward: to rid our planet of these toxins and return Earth to the clean, healthy condition which our forebears enjoyed, and our grandchildren should too.

Key Features

- A terrifying yet hopeful account of the effects of man-made chemicals on us all
- Quantifies the total global chemical impact on the planet and humanity, and shows what a major catastrophic risk this poses for the health and safety of individuals and society
- Describes the Anthropogenic Chemical Circulation, a deadly phenomenon *six times larger* than our total greenhouse gas emissions
- Links chemical emissions to the daily lived experience of the reader
- Presents the arguments for combined global action
- Maps a clear path forward to reduce the man-made toxic burden on the individual, society and the Earth, identifying opportunities, methods and strategies to detox the Earth

Contents

Preface;

1. Chemical avalanche;
2. Poisoning a Planet;
3. Are you a contaminated site?;
4. Diabolic cocktail;
5. Unseen risks;
6. Sick society;
7. Getting away with murder;
8. Clean up Society;
9. Clean up the Earth;
10. Averting disaster;

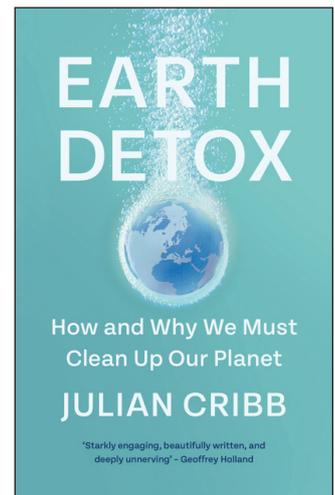
Postscript. A warning from deep time;

Index.

Additional Information

Level: General readers, undergraduate students, amateurs/enthusiasts

July 2021 216 x 138 mm c.300pp
978-1-108-93108-3 Paperback £10.99 / US\$14.95



Extinctions

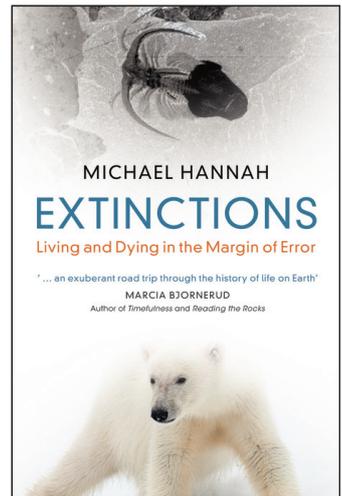
Living and Dying in the Margin of Error

Michael Hannah

Victoria University of Wellington

Description

Are we now entering a mass extinction event? What can mass extinctions in Earth's history tell us about the Anthropocene? What do mass extinction events look like and how does life on Earth recover from them? The fossil record reveals periods when biodiversity exploded, and short intervals when much of life was wiped out in mass extinction events. In comparison with these ancient events, today's biotic crisis hasn't (yet) reached the level of extinction to be called a mass extinction. But we are certainly in crisis, and current parallels with ancient mass extinction events are profound and deeply worrying. Humanity's actions are applying the same sorts of pressures – on similar scales – that in the past pushed the Earth system out of equilibrium and triggered mass extinction events. Analysis of the fossil record suggests that we still have some time to avert this disaster: but we must act now.



Key Features

- Humans are facing a major biotic crisis of our own making. Michael Hannah sets the current biodiversity crisis into the context of Earth history as told by the fossil record, helping readers fully appreciate the environmental crisis we face, and pointing the way we can avoid a mass extinction of our own creation
- Explains the concept of the *Earth System* as the regulator of the planet's climate and the consequences that result from its failure
- Emphasizes the importance of a diverse biosphere in maintaining the *Earth System*, and encourages the conservation of the planet's biota
- Stresses the importance of mass extinctions in the history of life, telling readers how mass extinctions control both the level of the planet's biodiversity and the composition of its biota
- Introduces the Anthropocene and emphasizes the damage that humans are doing to the Earth

Contents

Preface;
 Acknowledgements;
 Further reading;
 Introduction;
 1. The Anthropocene and the Earth system;
 2. A short detour: the fossil record and the geological time scale;
 3. The origin of animals and the emergence of the Earth system;
 4. Documenting ancient biodiversity;
 5. Mass extinctions – the basics;
 6. Causes of the End-Permian and End-Cretaceous extinction events;
 7. Time heals all – recovering from a mass extinction;
 8. The late Quaternary megafaunal extinctions;
 9. Surviving the Anthropocene;
 Further reading;
 Index.

Additional Information

Level: General readers, undergraduate students

September 2021 229 x 152 mm 1pp
 978-1-108-84353-9 Hardback £20.00 / US\$24.95

Pandora's Toolbox

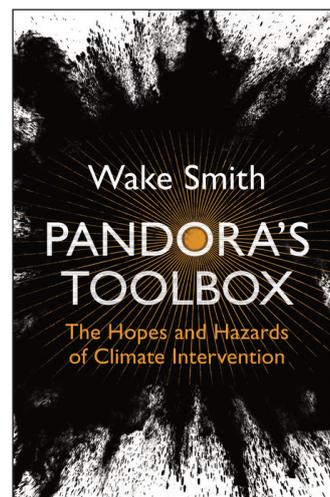
The Hopes and Hazards of Climate Intervention

Wake Smith

Harvard University, Massachusetts

Description

Reaching Net Zero Emissions will not be the end of the climate struggle, but only the end of the beginning. For centuries thereafter, temperatures will remain elevated, climate damages will continue to accrue, and sea levels will continue to rise. Even the urgent task of reaching Net Zero cannot be achieved rapidly by emissions reductions alone. To hasten Net Zero and minimize climate damages thereafter, we will also need massive carbon removal and storage. We may even need to reduce incoming solar radiation in order to lower unacceptably high temperatures. Such unproven and potentially risky climate interventions raise mind-blowing questions of governance and ethics. Pandora's Toolbox offers readers an accessible and authoritative introduction to both the hopes and hazards of some of humanity's most controversial technologies, which may nevertheless provide the key to saving our world.



Key Features

- Provides an overview of climate change to clarify why mitigation and adaptation are necessary but not sufficient
- Provides a comprehensive review of the portfolio of climate intervention technologies and theories
- Addresses the political, ethical, and social implications of climate intervention

Contents

Prologue;

Part I. Climate Introduction:

1. Where Do We Stand On Climate Change?;
2. Climate Science 101;
3. What's So Bad About Climate Change?;
4. Climate Negotiations;
5. Climate Economics;

Part II. Responses to Climate Change:

6. The Energy Transition;
7. Other Mitigation;
8. Adaptation;
9. Our Descendants Will Demand Climate Intervention;

Part III. Carbon Removal:

10. Natural Solutions;
11. Industrial Carbon Capture & Sequestration;

12. Direct Air Capture;

Part IV. Solar Radiation Management:

13. Solar Radiation Management Alternatives;
14. Stratospheric Aerosol Injection;
15. Stratospheric Aerosol Injection Deployment;

Part V. Social Ramifications of Climate Intervention:

16. Governance of Carbon Removal;
17. Governance of Solar Radiation Management;
18. Climate Ethics;
19. Public Perception;

Part VI. Prospective Research Agenda:

20. The Path Forward for Carbon Dioxide Removal;
 21. The Path Forward for Solar Radiation Management;
- Epilogue.

Additional Information

Level: General readers, undergraduate students

February 2022 229 x 152 mm c.250pp
978-1-316-51843-4 Hardback £20.00 / US\$24.95

Recipe for Survival

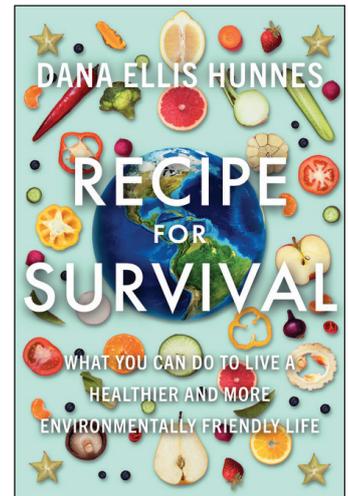
What You Can Do to Live a Healthier and More Environmentally Friendly Life

Dana Ellis Hunnes

University of California, Los Angeles

Description

What can you do to improve your health and at the same time improve the health of our home planet? Do you want to be a healthier and more sustainable consumer? In this straightforward, easy-to-understand and entertaining book, dietitian and environmentalist Dr. Dana Ellis Hunnes outlines the actions we can all take. Many people feel overwhelmed by the scope of climate change and believe that only large, sweeping changes will make any difference. Yet the choices we make every day can have effects on climate change, the oceans, the land, and other species. This book outlines the problems we are facing, and then presents ideas or 'recipes' to empower us, to help us all make a difference. *Recipe For Survival* provides the guidance that you can use right now to improve your health, your family's health, and the health of the environment simultaneously.



Key Features

- Engagingly and personably written by a practicing dietitian, educator, researcher, and mother. Many people who are looking to change their diet to be more healthy and more environmentally friendly to help save the planet do not necessarily know how: this book gives practical tips
- Contains practical tips and examples that anyone can use – every day – to improve both their health and the environment. Provides 20+ ideas/solutions (such as food lists, food ideas) and examples (shopping lists) individuals can engage with to feel they are making beneficial changes to their health and the planet
- The book is hopeful and solution-oriented: it will empower individuals to do their part, take a stand, and make a difference. This is very important to overall psychological well being and mental health

Contents

Part I. 1. Agriculture is a Major Driver of Climate Change (and Disease);
 2. Politics and Dietary Guidelines, Two Major Problems;
 3. Overfishing: There is No Such Thing as Sustainable Fish;
 4. Plastic, It's What's for Dinner;
 5. Environmental Exploitation;
 6. Species Exploitation for Entertainment;
 7. The Positives – Examples of the 'Good' Being Done Around the World;
Part II:
 8. Protecting Earth – One Recipe at a Time – An Introduction;
 9. Epilogue: Final Thoughts and Key Takeaways;
 Appendix: Recipes You Can Use;
 References;
 Index.

Additional Information

Level: General readers, undergraduate students, amateurs/enthusiasts

January 2022 229 x 152 mm c.300pp
 978-1-108-83219-9 Hardback £20.00 / US\$24.95

Planetary Health

Safeguarding Human Health and the Environment in the Anthropocene

Andy Haines

London School of Hygiene and Tropical Medicine

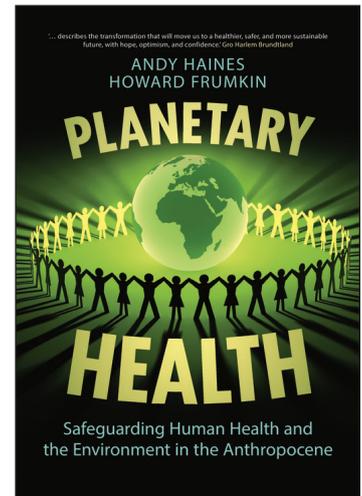
Howard Frumkin

University of Washington

Description

We live in unprecedented times – the Anthropocene – defined by far-reaching human impacts on the natural systems that underpin civilisation. *Planetary Health* explores the many environmental changes that threaten to undermine progress in human health, and explains how these changes affect health outcomes, from pandemics to infectious diseases to mental health, from chronic diseases to injuries. It shows how people can adapt to those changes that are now unavoidable, through actions that both improve health *and* safeguard the environment.

But humanity must do *more* than just adapt: we need *transformative* changes across many sectors – energy, housing, transport, food, and health care. The book discusses specific policies, technologies, and interventions to achieve the change required, and explains how these can be implemented. It presents the *evidence*, builds *hope* in our common future, and aims to motivate *action* by everyone, from the general public to policymakers to health practitioners.



Key Features

- Provides wide-ranging assessments of the pathways by which global environmental changes can affect human health
- Discusses how conventional public health thinking needs to evolve to address the challenges of the Anthropocene epoch
- Provides examples of specific policies across different sectors that could help safeguard health in the Anthropocene, including how the public, policymakers, and public health practitioners can act to support transformative change for the better

Contents

1. Our Changing Planet;
 2. Climate Change;
 3. Pollution, Land Use, Biodiversity, and Health;
 4. Assessing Vulnerability and Risk in the Anthropocene Epoch;
 5. Adaptation and Resilience to Planetary Change;
 6. Addressing Conceptual, Knowledge and Implementation Challenges;
 7. Health in the Sustainable Development Goals;
 8. Transforming Energy and Industry: Toward a Net-zero Circular Economy for Health;
 9. Sustaining Urban Health in the Anthropocene Epoch;
 10. Food Systems and Land Use;
 11. The Role of Health Professionals in Fostering Planetary Health;
 12. Sustaining Planetary Health in the Anthropocene;
- Index.

Additional Information

Level: Professionals, general readers

July 2021 244 x 170 mm 454pp
978-1-108-49234-8 Hardback £49.99 / US\$64.99

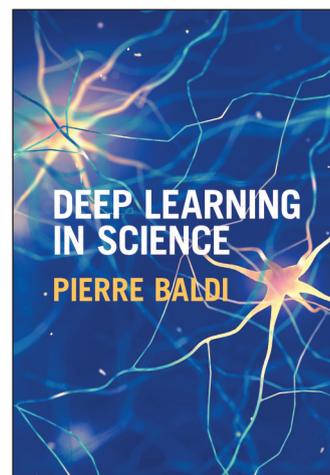
Deep Learning in Science

Pierre Baldi

University of California, Irvine

Description

This is the first rigorous, self-contained treatment of the theory of deep learning. Starting with the foundations of the theory and building it up, this is essential reading for any scientists, instructors, and students interested in artificial intelligence and deep learning. It provides guidance on how to think about scientific questions, and leads readers through the history of the field and its fundamental connections to neuroscience. The author discusses many applications to beautiful problems in the natural sciences, in physics, chemistry, and biomedicine. Examples include the search for exotic particles and dark matter in experimental physics, the prediction of molecular properties and reaction outcomes in chemistry, and the prediction of protein structures and the diagnostic analysis of biomedical images in the natural sciences. The text is accompanied by a full set of exercises at different difficulty levels and encourages out-of-the-box thinking.



Key Features

- Contains a full set of exercises of varying difficulty, suitable for use by instructors or for self-study
- Makes the theory accessible to readers without specialized training in deep learning
- Discusses a wide variety of applications to the natural sciences

Contents

1. Introduction;
2. Basic Concepts;
3. Shallow Networks and Shallow Learning;
4. Two-Layer Networks and Universal Approximation;
5. Autoencoders;
6. Deep Networks and Backpropagation;
7. The Local Learning Principle;
8. The Deep Learning Channel;
9. Recurrent Networks;
10. Recursive Networks;
11. Applications in Physics;
12. Applications in Chemistry;
13. Applications in Biology and Medicine;
14. Conclusion;

Appendix A. Reinforcement Learning and Deep Reinforcement Learning;
 Appendix B. Hints and Remarks for Selected Exercises;
 References;
 Index.

Additional Information

Level: Graduate students, academic researchers

July 2021 244 x 170 mm c.450pp
 978-1-108-84535-9 Hardback £49.99 / US\$64.99

Modern Communications

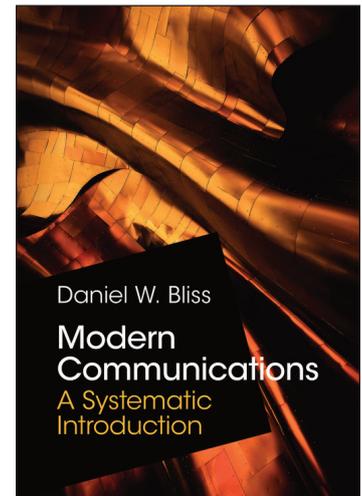
A Systematic Introduction

Daniel W. Bliss

Arizona State University

Description

Designed for a single-semester course, this concise and approachable text covers all of the essential concepts needed to understand modern communications systems. Balancing theory with practical implementation, it presents key ideas as a chain of functions for a transmitter and receiver, covering topics such as amplification, up- and down-conversion, modulation, dispersive channel compensation, error-correcting codes, acquisition, multiple-antenna and multiple-input multiple-output antenna techniques, and higher level communications functions. Analog modulations are also presented, and all of the basic and advanced mathematics, statistics, and Fourier theory needed to understand the concepts covered is included. Supported online with PowerPoint slides, a solutions manual, and additional MATLAB-based simulation problems, it is ideal for a first course in communications for senior undergraduate and graduate students.



Key Features

- Concise and approachable, covering the essential topics needed for a single semester class, such as systems concepts, basic theory, algorithms, hardware concepts, waveform design
- Organized on the basis of functional transmitter-receiver chains so that students build their understanding in a practically useful, system-based order
- Supported online with PowerPoint slides, a solutions manual, and additional MATLAB-based simulation problems
- Solutions, lecture slides, Mathematica/Python/Matlab lab exercises, video tutorials

Contents

Preface;

Part I. Communications Systems:

1. Notation;
2. Basic radio;
3. Fundamental limits on communications;
4. Amplifiers and noise;
5. Up- and down-conversion;
6. Modulation and demodulation;
7. Dispersive channels;
8. Error-correcting codes;

9. Acquisition and synchronization;

10. Radio duplex, access, and networks;

11. Multiple-antenna and multiple-Input multiple-output communications;

12. Analog radio systems;

Part II. Mathematical Background:

13. Useful mathematics;

14. Probability and statistics;

15. Fourier analysis;

References;

Index.

Additional Resources: <http://www.cambridge.org/9781108833431>

PPTs and JPEGs of figures and tables, PowerPoint slides, solutions manual, additional MATLAB-based simulation problems

Additional Information

Courses: Introduction to Communications, Communications Theory, Communications Systems

Departments: Electrical and Computer Engineering, Electrical Engineering and Computer Science, Electrical Engineering

Level: Undergraduate students

July 2021 229 x 152 mm 288pp 150 b/w illus.
978-1-108-83343-1 Hardback £69.99 / US\$89.99

The Right to Repair

Reclaiming the Things We Own

Aaron Perzanowski

Case Western Reserve University, Ohio

Description

In recent decades, companies around the world have deployed an arsenal of tools-including IP law, hardware design, software restrictions, pricing strategies, and marketing messages-to prevent consumers from fixing the things they own. While this strategy has enriched companies almost beyond measure, it has taken billions of dollars out of the pockets of consumers and imposed massive environmental costs on the planet. In *The Right to Repair*, Aaron Perzanowski analyzes the history of repair to show how we've arrived at this moment, when a battle over repair is being waged-largely unnoticed-in courtrooms, legislatures, and administrative agencies. With deft, lucid prose, Perzanowski explains the opaque and complex legal landscape that surrounds the right to repair and shows readers how to fight back.

Key Features

- Reveals the tools firms use to restrict repair, from design and economics to law and social norms
- Explains the complex and often opaque legal landscape that defines repair markets
- Identifies reforms to law and product design that could promote repair and empower consumers

Contents

Acknowledgements;

1. Introduction;

2. Why repair matters;

3. The history of repair;

4. Breaking repair;

5. Repair and intellectual property;

6. Repair and competition;

7. Repair and consumer protection;

8. Rebuilding repair.

Additional Information

Level: Graduate students, general readers, academic researchers

February 2022 216 x 138 mm c.230pp

978-1-108-83765-1 Hardback c. £85.00 / c. US\$110.00



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