



RIGHTS TITLES

AUTUMN / WINTER | 2023



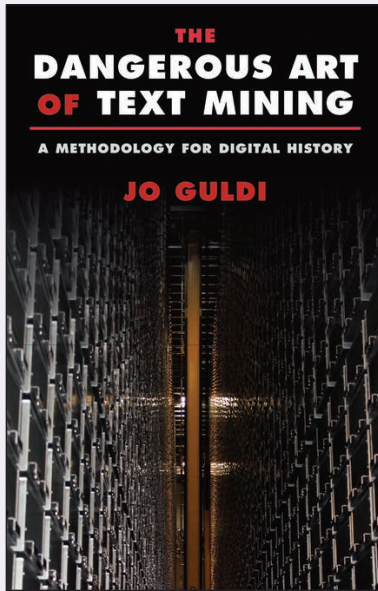
CAMBRIDGE
UNIVERSITY PRESS



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March 2023

229 x 152 mm c.436pp

978-1-00-926299-6 Paperback

£26.99 / US\$34.99

THE DANGEROUS ART OF TEXT MINING

A Methodology for Digital History

Jo Guldi

Southern Methodist University, Texas

The Dangerous Art of Text Mining celebrates the bold new research now possible because of text mining: the art of counting words over time. However, this book also presents a warning: without help from the humanities, data science can distort the past and lead to perilous errors. The book opens with a rogue's gallery of errors, then tours the ground-breaking analyses that have resulted from collaborations between humanists and data scientists. Jo Guldi explores how text mining can give a glimpse of the changing history of the past – for example, how quickly Americans forgot the history of slavery. Textual data can even prove who was responsible in Congress for silencing environmentalism over recent decades. The book ends with an impassioned vision of what text mining in defence of democracy would look like, and why humanists need to be involved.

KEY FEATURES

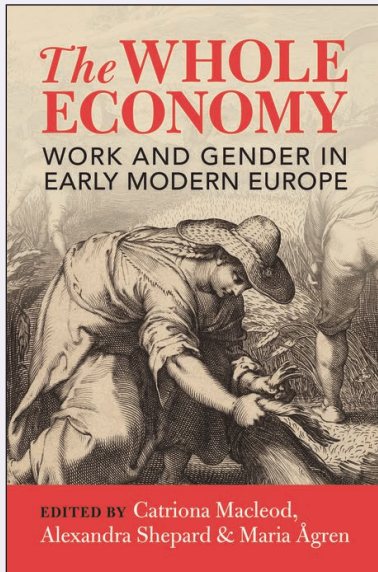
- Shows the way toward a “smarter” data science that takes the element of multidimensional human change over time seriously
- Provides an overview of the frontier of “hybrid” research from teams dealing in information science and humanities or social science
- Gives case studies of data science tailored to meet the concerns of historians, especially around historical theories about prediction, periodization, and memory

CONTENTS

Introduction; Part I. A Ropes Course for Exploring the Territory: 1. Why textual data from the past is dangerous; 2. From fantasy to engagement; 3. Words are keys and words are barriers; 4. Critical search, a theory; 5. To predict or to describe?; Part II. The Many Windows of the House of the Past: 6. The many windows of the house of the past; 7. Of memory; 8. The distinctiveness of certain eras; 9. The measure of influence; 10. Of rock and fire; 11. Whither modernity; 12. What computers can explain and when to stop: a case study in the political history of climate change; Part III. Critical Thinking with Data Makes Stronger Disciplines: 13. A world map of culture, purged of bias; 14. The future of the art.

ADDITIONAL INFORMATION

Level: Graduate students, undergraduate students



June 2023

229 x 152 mm c.259pp

978-1-00-935935-1 Hardback

£80.00 / US\$105.00

THE WHOLE ECONOMY

Work and Gender in Early Modern Europe

Catriona Macleod

University of Glasgow

Alexandra Shepard

University of Glasgow

Maria Ågren

Uppsala Universitet, Sweden

Advocating a gender-inclusive approach to the history of work, this book both counts and accounts for women's as well as men's economic activity. Showcasing novel conceptual, methodological and empirical perspectives, it highlights the transformative potential of including women's work in wider assessments of continuity and change in economic performance. Focusing on the period of European history (1500-1800) that generated unprecedented growth in the northwest – which, in turn, was linked to the global redistribution of resources and upon which industrialisation depended – the book spans key arenas in which women produced change: households, care, agriculture, rural manufacture, urban markets, migration, and war. The analysis refutes the stubborn contention of mainstream economic history that we can generalise about economic performance by focusing solely on the work of adult men and demonstrates that women were active agents in the early modern economy rather than passively affected by changes wrought upon them.

KEY FEATURES

- Provides a gender-inclusive history of work and economic change in early modern Europe
- Critiques existing narratives of economic development that have been solely or primarily based on the working lives of men
- Presents the rich and extensive existing scholarship on the history of women's work in a way which demonstrates the pitfalls of over-looking it for economic history

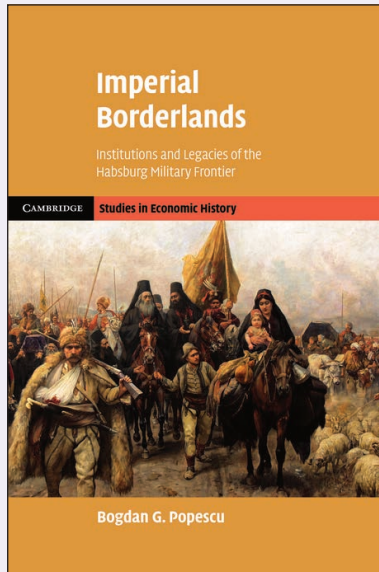
CONTENTS

Part I. Introduction:

1. Households;
2. Care;
3. Agriculture;
4. Rural manufactures;
5. Urban markets;
6. Migration;
7. War;

ADDITIONAL INFORMATION

Level: Graduate students, undergraduate students



November 2023

229 x 152 mm c.300pp

978-1-00-936516-1 Hardback

£85.00 / US\$110.00

IMPERIAL BORDERLANDS

Institutions and Legacies of the Habsburg Military Frontier

Bogdan G. Popescu

John Cabot University, Rome

What are the institutions which govern border spaces and how do they impact long-term economic and social development? This book focuses on the Habsburg military frontier zone which originated in the sixteenth century as an instrument for protecting the empire's southern border against the threat of the Ottoman Empire and which lasted until the 1880s. The book outlines the conditions under which this extractive institution affected development, showing how locals were forced to work as soldiers and exposed to rigid communal property rights, an inflexible labor market, and discrimination when it came to the provision of public infrastructure. While the formal institutions set up during the military colony disappeared, their legacy can be traced in political attitudes and social norms even today with the violence and abuses exercised by the imperial government transformed into distrust in public authorities, limited political involvement, and low social capital.

KEY FEATURES

- Integrates perspectives and approaches from economics, political science, and history in order to provide new insights into the impact of extractive institutions
- Provides a new framework for understanding the discrepancy in economic development within the Habsburg successor states
- Draws on extensive new quantitative and qualitative data from the Habsburg Empire

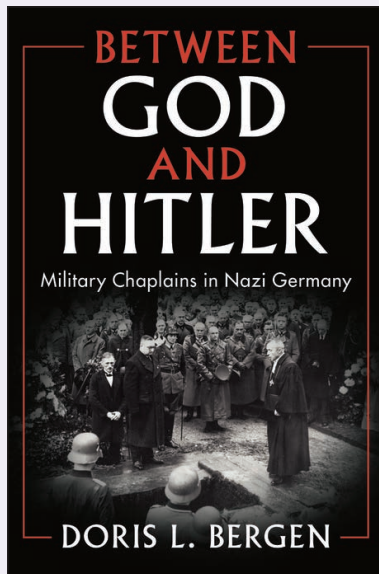
CONTENTS

1. Historical States, Imperialism, and Development;
2. Imperialism and Extractive Institutions: A Theoretical Framework;
3. The Habsburg Military Frontier;
4. Military Colonialism and Economic Development;
5. Colonial Institutions and Social Norms;
6. Lasting Legacies: Political Attitudes and Social Capital;
7. Beyond the Habsburgs;
8. Epilogue.

ADDITIONAL INFORMATION

Level: Academic researchers

Series: [Cambridge Studies in Economic History – Second Series](#)



May 2023

229 x 152 mm c.334pp

978-1-108-48770-2 Hardback

£30.00 / US\$39.99

BETWEEN GOD AND HITLER

Military Chaplains in Nazi Germany

Doris L. Bergen

University of Toronto

During the Second World War, approximately 1000 Christian chaplains accompanied Wehrmacht forces wherever they went, from Poland to France, Greece, North Africa, and the Soviet Union. Chaplains were witnesses to atrocity and by their presence helped normalize extreme violence and legitimate its perpetrators. Military chaplains played a key role in propagating a narrative of righteousness that erased Germany's victims and transformed the aggressors into noble figures who suffered but triumphed over their foes. *Between God and Hitler* is the first book to examine Protestant and Catholic military chaplains in Germany from Hitler's rise to power, to defeat, collapse, and Allied occupation. Drawing on a wide array of sources – chaplains' letters and memoirs, military reports, Jewish testimonies, photographs, and popular culture – this book offers insight into how Christian clergy served the cause of genocide, sometimes eagerly, sometimes reluctantly, even unknowingly, but always loyally.

KEY FEATURES

- Draws on extensive, original research in German military, political, and church archives plus Jewish sources
- Foregrounds individual stories of many kinds of people in every chapter
- Helps to explain how the Holocaust was possible and how Christians became killers

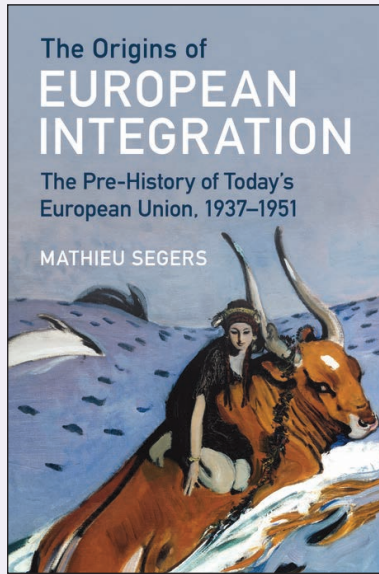
CONTENTS

Introduction: an incongruous institution;

1. 'We will not let our swords get rusty!': On the cusp of 1933;
 2. 1In times of peace the church arms herself for war1: 1933–1939;
 3. 1Gott mit uns1: Blitzkrieg, 1939–1941;
 4. Saving Christianity, killing Jews: June–December 1941;
 5. 1The power of Christian truth and Christian faith1: genocidal culture, 1942–1943;
 6. 1What should we preach now?1: 1944–1945;
 7. From Nazi past to Christian future: 1945 and beyond;
- Conclusion: 1With what face should I remember this?.

ADDITIONAL INFORMATION

Level: Graduate students, undergraduate students, general readers



January 2024

229 x 152 mm c.244pp

978-1-00-937942-7 Paperback

£22.99 / US\$29.99

THE ORIGINS OF EUROPEAN INTEGRATION

The Pre-History of Today's European Union, 1937–1951

Mathieu Segers

Maastricht University

Bringing together political, diplomatic, economic, cultural, and contemporary history, this book explores why and how European integration came to pass. It tells a fascinating story of ideals and realpolitik, political dreams and geographical realities, and planning and chaos. Mathieu Segers reveals that the roots of today's European Union lie deep in Europe's past and encompass more than war and peace, or diplomacy and economics. Based on original archival and primary source research, Segers provides an integrated history of the beginnings of European integration and the emergence of post-war Western Europe and today's European Union. *The Origins of European Integration* offers a broad perspective on the genealogy of post-war Western Europe, providing readers with a deeper understanding of contemporary European history and the history of transatlantic relations.

KEY FEATURES

- Draws on a wide range of international primary sources to offer a transnational and more comprehensive perspective on the origins of European integration
- Integrates historical research from different disciplines to provide new insights into the emergence of post-war Western Europe
- Digs deep into Europe's past to uncover the roots of European cooperation and integration

CONTENTS

Introduction;

1. The genealogy of Western Europe;

Part I. Beyond Americanisation (1937–1947):

2. In search of a programme for the West;

3. Re-conceptualising capitalism and democracy;

4. The great escape;

Part II. The Making of European Integration (1947–1951):

5. The Marshall plan: Western Europe as a unit;

6. British preoccupations and ecumenical politics;

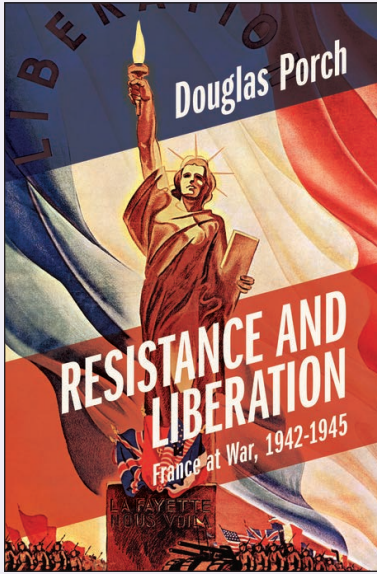
7. Reality check: the OEEC and 'integration';

Conclusion;

8. Eclipsing Atlantis.

ADDITIONAL INFORMATION

Level: Academic researchers, graduate students



January 2024

229 x 152 mm c.838pp

978-1-00-916114-5 Hardback

c. £35.00 / c. US\$39.99

RESISTANCE AND LIBERATION

France at War, 1942-1945

Douglas Porch

Naval Postgraduate School, Monterey, California

In *Resistance and Liberation*, Douglas Porch continues his epic history of France at war. Emerging from the débâcle of 1940, France faced the quandary of how to rebuild military power, protect the empire, and resuscitate its global influence. While Charles de Gaulle rejected the armistice and launched his offshore crusade to reclaim French honor within the Allied camp, defeatists at Vichy embraced cooperation with the victorious Axis. The book charts the emerging dynamics of la France libre and the Alliance, Vichy collaboration, and the swelling resistance to the Axis occupation. From the campaigns in Tunisia and Italy to Liberation, Douglas Porch traces how de Gaulle sought to forge a French army and prevent civil war. He captures the experiences of ordinary French men and women caught up in war and defeat, the choices they made, the trials they endured, and how this has shaped France's memory of those traumatic years.

KEY FEATURES

- Definitive new history of France at war showing how de Gaulle sought to forge a new French army, prevent the country falling into civil war and reassert French power on the world stage
- Goes beyond the binaries of resistance and collaboration to show French society as a whole experienced war, defeat, occupation and liberation
- Reveals how de Gaulle attempted to establish a triumphalist French "memory" of the war by emphasizing the role of resistance in France's liberation while minimizing that of the Allies and the colonial forces of the l'Armée d'Afrique

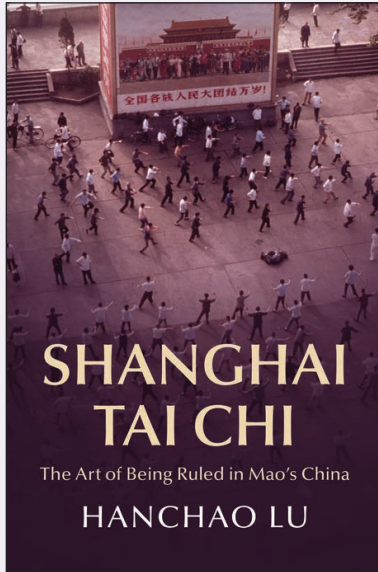
Contents

- Preface;
1. Tunisia;
 2. 'A sort of resurrection of France.';
 3. Triumph and dishonor in Italy;
 4. Resistance on the eve of D-Day;
 5. The supreme battle;
 6. Anvil-Dragon;
 7. L'Amalgame;
 8. Les Vosges;
 9. Rhine and Danube;
 10. Conclusion.

ADDITIONAL INFORMATION

Level: General readers

Series: [Armies of the Second World War](#)



May 2023

229 x 152 mm c.354pp

978-1-00-918098-6 Hardback

£30.00 / US\$39.99

SHANGHAI TAI CHI

The Art of Being Ruled in Mao's China

Hanchao Lu

Georgia Institute of Technology

Shanghai Tai Chi offers a masterful portrait of daily urban life under socialism in a rich social and political history of one of the world's most complex cities. Hanchao Lu explores the lives of people from all areas of society – from capitalists and bourgeois intellectuals to women and youth. Utilizing the metaphor of Tai Chi, he reveals how people in Shanghai experienced and adapted to a new Maoist political culture from 1949. Exploring the multifaceted complexity of everyday life and material culture in Mao's China, Lu addresses the survival of old bourgeois lifestyles under the new proletarian dictatorship, the achievements of intellectuals in an age of anti-intellectualism, the pleasure that urban youth derived from reading taboo literature, the emergence of women's liberation and the politics of greening and horticulture. This captivating, epitomizing, and vivid history transports readers to history as lived on Shanghai's streets and back alleyways.

KEY FEATURES

- Provides fresh insights on the multifaceted complexity of everyday life and material culture in Mao's China
- For all readers interested in interdisciplinary China studies, PRC studies, world communism, and urban history
- Deeply researched and highly readable contribution to the field

CONTENTS

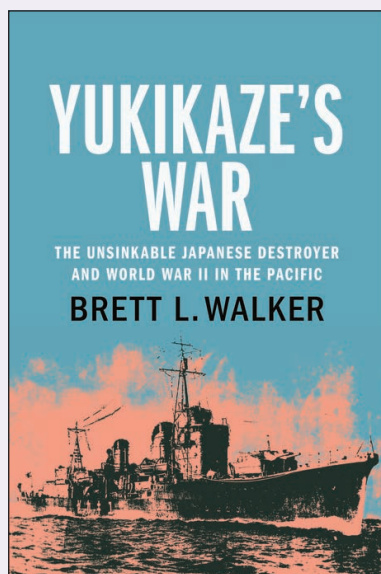
List of Figures; List of Maps; List of Tables; Notes on the Text; Introduction; **Part I.** The Condemned: 1. The upper crust; 2. The stinking number nine; **Part II.** The Liberated: 3. The power of Balzac; 4. Alleyway women's detachments; **Part III.** Under the French Parasol Trees: 5. Everyday flora; 6. In the eyes of foreign onlookers; 7. The essential does not change; Conclusion; Appendix: List of Informants; Character List; References; Index.

ADDITIONAL INFORMATION

Level: Graduate students, undergraduate students, general readers

Series: [Cambridge Studies in the History of the People's Republic of China](#)

Chinese language
rights retained
by the author



February 2024 332pp
 978-1-108-83729-3 Hardback
 £25.00 / US\$29.95

YUKIKAZE'S WAR

The Unsinkable Japanese Destroyer and World War II in the Pacific

Brett L. Walker
 Montana State University

Only one elite Imperial Japanese Navy destroyer survived the cruel ocean battlefields of World War II. This is her story. Brett Walker, historian and captain, delves into questions of mechanics, armaments, navigation, training, and even indoctrination, illustrating the daily realities of war for Yukikaze and her crew. By shifting our perspective of the Pacific War away from grand Imperial strategies, and toward the intricacies of fighting on the water, Walker allows us to see the war from Yukikaze's bridge during the most harrowing battles, from Midway to Okinawa. Walker uncovers the ordinary sailor's experience, and we see sailors fight while deep-running currents of Japanese history unfold before their war-weary eyes. As memories of World War II fade, Yukikaze's story becomes ever more important, providing valuable lessons in our contemporary world of looming energy shortfalls, menacing climate uncertainties, and aggressive totalitarian regimes.

KEY FEATURES

- Provides a unique perspective on World War II as it was experienced by individual sailors
- Shifts the history of World War II away from a traditional western narrative
- A naval history told by an experienced US Merchant Mariner with in-depth understanding of life at sea

CONTENTS

1. Divine ships of a bluewater navy; 2. Torpedoes, destroyers, and samurai of the seas; 3. Oil empire and Japan's southern advance; 4. Conquest of the south seas; 5. Escorting catastrophe at Midway; 6. Barroom brawl at Guadalcanal; 7. Defending the Solomon Sea and Bismarck Barrier; 8. Mariana Islands and the collapse of Japan's defensive sphere; 9. Leyte Theater; 10. Dangerous homewaters and Shinano destroyed; 11. Yamato and the specter of history; 12. Surrender and the enduring dangers of Yukikaze's haunt.



November 2023

216 x 140 mm c.304pp

978-1-108-47225-8 Hardback

c. £79.99 / c. US\$99.99

A CONCISE HISTORY OF JAMAICA

Kenneth Morgan

Brunel University

Kenneth Morgan's history of Jamaica is a social, economic, political, and cultural assessment of the island's most important periods and themes over the past millennium. This includes the island's development before 1500, with detailed material on the Taino society; the two centuries of slavery and its aftermath between 1660 and 1860; the continuance of colonialism between 1860 and 1945; the background to Jamaican independence between 1945 and 1960; and the evolution of Jamaica as an independent nation since the early 1960s. Throughout, Morgan discusses important themes such as race, slavery, empire, poverty, and colonialism, and the unbalanced social structure that existed for much of Jamaica's history – the small, overwhelmingly white elite overseeing and controlling the lives of black and brown people beneath them on the social scale. Ending with an assessment of the contemporary period, this work offers an authoritative, up-to-date history of Jamaica.

KEY FEATURES

- Offers the most up-to-date, authoritative history of Jamaica over the past millennium
- Accessibly written for a wide range of readers
- Sheds light on Jamaica's role in the Caribbean and the wider world

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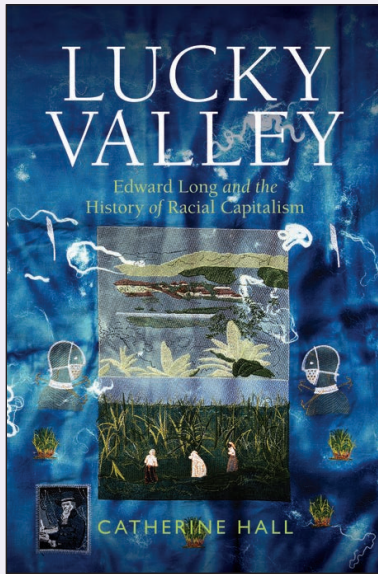
Acknowledgements;
Introduction;
1. The Taino, c. 600–1508;
2. Spanish Jamaica, 1509–1655;
3. Creating an English Jamaica, 1656–1775;
4. From Slavery to Freedom, 1776–1865;
5. The Shadow of Colonialism, 1866–1944;
6. Modern Jamaica, 1945–2022;
Conclusion.

ADDITIONAL INFORMATION

Level: Undergraduate students, general readers, graduate students

Series: [Cambridge Concise Histories](#)





February 2024

229 x 152 mm c.350pp

978-1-00-909885-4 Hardback

£35.00 / US\$44.99

LUCKY VALLEY

Edward Long and the History of Racial Capitalism

Catherine Hall

University College London

Why does Edward Long's *History of Jamaica* matter? Written in 1774, Long's *History*, that most 'civilised' of documents, attempted to define White and Black as essentially different and unequal. Long deployed natural history and social theory, carefully mapping the island, and drawing on poetry and engravings, in his efforts to establish a clear and fixed racialized hierarchy. His White family sat at the heart of Jamaican planter society and the West India trade in sugar, which provided the economic bedrock of this eighteenth-century system of racial capitalism. Catherine Hall tells the story behind the *History* of a slave-owning family that prospered across generations together with the destruction of such possibilities for enslaved people. She unpicks the many contradictions in Long's thinking, exposing the insidious myths and stereotypes that have poisoned social relations over generations and allowed reconfigured forms of racial difference and racial capitalism to live on in contemporary societies.

KEY FEATURES

- The first critical exploration of Long's *History of Jamaica* in its full political and economic context
- Essential to understanding the history of racial difference through 'enlightenment' definitions and how these have shaped society even to the present day
- Explores the concept of racial capitalism and how race and wealth could not be disentangled

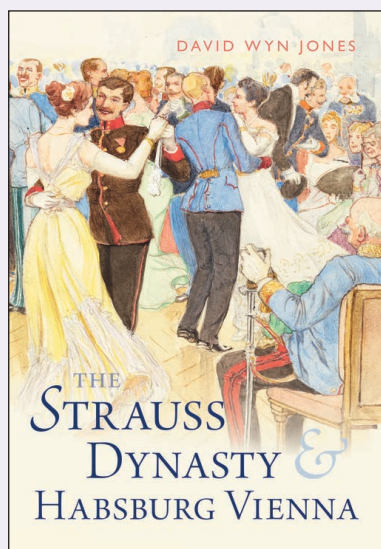
CONTENTS

- I. Growing up English:
 1. A gentleman's son;
 2. The young Englishman;
- II. The Lineaments of Racial Capitalism:
 3. The plantation;
 4. The merchant house;
 5. Reproducing capital: the Long family;
- III. Making a Slave Society:
 6. Colonizing geographies;
 7. Colonizing the state;
 8. Theorizing racial difference;
- Epilogue.

ADDITIONAL INFORMATION

Level: Academic researchers, general readers

Series: [Critical Perspectives on Empire](#)



July 2023

244 x 170 mm c.300pp

978-1-00-927647-4 Hardback

£30.00 / US\$39.99

THE STRAUSS DYNASTY AND HABSBURG VIENNA

David Wyn Jones

Cardiff University

The music of the Strauss family – Johann and his three sons, Johann, Josef and Eduard – enjoys enormous popular appeal. Yet existing biographies have failed to do justice to the family's true significance in nineteenth and early twentieth-century musical history. David Wyn Jones addresses this deficiency, engagingly showing that – from Johann's first engagements in the mid-1820s to the death of Eduard in 1916 – the music making of the family was at the centre of Habsburg Viennese society as it moved between dance hall, concert hall and theatre. The Strauss industry at its height was, he demonstrates, greater than any one of the individuals, with serious personal and domestic consequences including affairs, illness, rivalry and fraud. This zesty biography, spanning over a hundred years of history, brings the dynasty brilliantly to life across a large canvas as it offers fresh and revealing insights into the cultural life of Vienna as a whole.

KEY FEATURES

- Offers new and fascinating insights into Viennese musical life 'in the round', not just the Strauss family in isolation, and as such will be of interest to scholars working on nineteenth- and early twentieth-century Vienna generally
- Relates the combined achievements of the Strauss dynasty to profound cultural, social and political changes in nineteenth-century Habsburg Vienna, and will thus have strong appeal to social as much as musical historians, as well as to historians of ideas
- Rescues the Strauss family from the belittling category of composers of 'light' music by arguing that the family's achievements were as 'serious' as anything done by the likes of Brahms, Mahler and Bruckner
- Incorporates much new scholarly work on the Strauss family members, mainly written in German, to bring revealing new insights to their lives, loves, work and times

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List of Illustrations;

List of Tables;

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Eingang The depth of the Blue Danube;

Presenting a biography of the Strauss family;

1. 1804-1832 Johann Strauss and the making of a tradition;

2. 1833-1849 Father and son. Travel and revolution;

3. 1850-1870 Three brothers: Johann, Josef and Eduard;

4. Dance and march: music and culture;

5. 1871-1899 Two brothers: Johann and Eduard;

6. Staging comedy: Operetta and Opera;

7. 1900-1916. One brother: Eduard;

Bibliography;

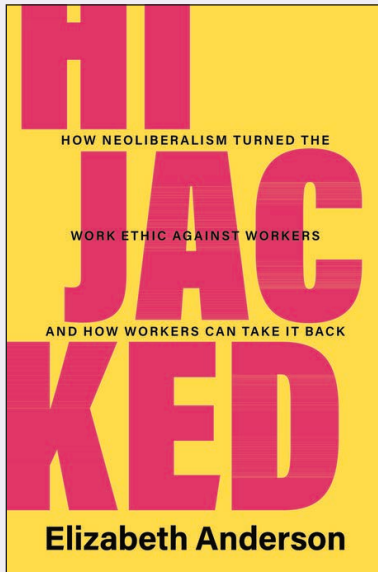
Index of works by Johann Strauss (father), Johann Strauss (son), Josef Strauss and Eduard Strauss;

Strauss Family Tree: individuals mentioned in the biography;

General Index

ADDITIONAL INFORMATION

Level: Academic researchers, graduate students, amateurs/enthusiasts



August 2023

229 x 152 mm c.384pp

978-1-00-927543-9 Hardback

£25.00 / US\$29.95

HIJACKED

How Neoliberalism Turned the Work Ethic against Workers and How Workers Can Take It Back

Elizabeth Anderson

University of Michigan, Ann Arbor

What is the work ethic? Does it justify policies that promote the wealth and power of the One Percent at workers' expense? Or does it advance policies that promote workers' dignity and standing? *Hijacked* explores how the history of political economy has been a contest between these two ideas about whom the work ethic is supposed to serve. Today's neoliberal ideology deploys the work ethic on behalf of the One Percent. However, workers and their advocates have long used the work ethic on behalf of ordinary people. By exposing the ideological roots of contemporary neoliberalism as a perversion of the seventeenth-century Protestant work ethic, Elizabeth Anderson shows how we can reclaim the original goals of the work ethic, and uplift ourselves again. *Hijacked* persuasively and powerfully demonstrates how ideas inspired by the work ethic informed debates among leading political economists of the past, and how these ideas can help us today.

KEY FEATURES

- Shows how the dominant way of thinking about work and socio-economic policies, neoliberalism, is rooted in centuries of distorted thinking about the work ethic
- Makes the history of political economy accessible to readers without specialized training in philosophy or economics
- Challenges the conventional Cold War historiography of political economy by exposing fissures within liberal thought and continuities between liberalism and the Marxist tradition

CONTENTS

Preface;

1. The dual nature of the Protestant work ethic and the birth of utilitarianism;
2. Locke and the progressive work ethic;
3. How conservatives hijacked the work ethic and turned it against workers;
4. Welfare reform, famine, and the ideology of the conservative work ethic;
5. The progressive work ethic (1): Smith, Ricardo, and Ricardian socialists;
6. The progressive work ethic (2): J. S. Mill;
7. The progressive work ethic (3): Marx;
8. Social democracy as the culmination of the progressive work ethic;
9. Hijacked again: Neoliberalism as the return of the conservative work ethic;
10. Conclusion: What should the work ethic mean for us today?;

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ADDITIONAL INFORMATION

Level: Undergraduate students, graduate students, general readers

MODERN MORAL PHILOSOPHY



From Grotius to Kant

STEPHEN DARWALL

June 2023

229 x 152 mm 362pp

978-0-521-86047-5 Hardback

£30.00 / US\$39.99

MODERN MORAL PHILOSOPHY

From Grotius to Kant

Stephen Darwall

Yale University, Connecticut

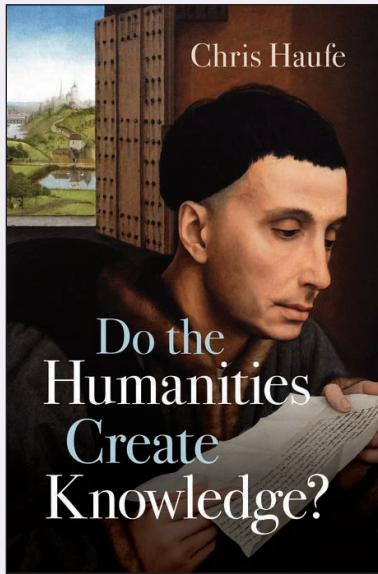
In this magisterial study, one of our leading moral philosophers refutes the charge (originally made by Elizabeth Anscombe) that modern ethics is incoherent because it essentially depends on theological and religious assumptions that it cannot acknowledge. Stephen Darwall's panoramic picture starts with the seventeenth-century thinker Grotius and tells the story continuously down to the time of Kant, exploring what was in fact a completely new way of doing ethics based on secular ideas of human psychology and universal accountability. He shows that thinkers from Grotius to Kant are profoundly united by this modern approach, and that it helped them to create a theory of natural human rights that remains of great political relevance today. He further shows that this new way of thinking provides conceptual resources that are far from exhausted, and that moral philosophy in this idiom still has a vibrant future.

KEY FEATURES

- Traces the story of modern moral philosophy and how it emerged in the seventeenth century
- Shows how modern moral philosophy enabled the creation of a theory of natural human rights
- Explores the conceptual resources which modern moral philosophy continues to offer

CONTENTS

1. Grotius;
2. Hobbes and Pufendorf;
3. Locke and Cumberland;
4. Spinoza, Cudworth, Shaftesbury, and Leibniz;
5. Hutcheson and Butler;
6. Hume and Smith;
7. The British Rationalists and Reid;
8. Rousseau and Kant.



August 2023

229 x 152 mm c.264pp

978-1-316-51250-0 Hardback

£30.00 / US\$39.99

DO THE HUMANITIES CREATE KNOWLEDGE?

Chris Haufe

Case Western Reserve University, Ohio

There is in certain circles a widely held belief that the only proper kind of knowledge is scientific knowledge. This belief often runs parallel to the notion that legitimate knowledge is obtained when a scientist follows a rigorous investigative procedure called the 'scientific method.' Chris Haufe challenges this idea. He shows that what we know about the so-called scientific method rests fundamentally on the use of finely tuned human judgments directed toward certain questions about the natural world. He suggests that this dependence on judgment in fact reveals deep affinities between scientific knowledge and another, equally important, sort of comprehension: that of humanistic creative endeavour. His wide-ranging and stimulating new book uncovers the unexpected unity underlying all our efforts – whether scientific or arts-based – to understand human experience. In so doing, it makes a vital contribution to broader conversation about the value of the humanities in an increasingly STEM-saturated educational culture.

KEY FEATURES

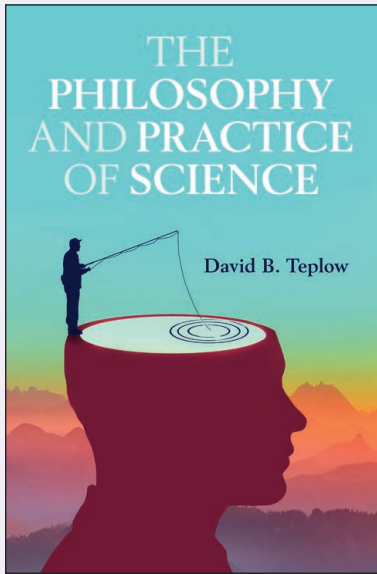
- If it is agreed that the humanities are valuable and essential, are there better and worse ways in which to generate humanistic knowledge? This book offers compelling answers
- Critically assesses our knowledge-making practices and in so doing shows that STEM and the humanities are actually far closer together here than many assume
- Aims to address critics of the humanities as well as those who perhaps have not been critical enough: and thus offers essential self-reflection on how human knowledge is really acquired
- Shows how philosophy can illuminate much wider and urgent questions relating to the future of higher education
- A book by a rising star in epistemology who uses philosophical wisdom to a greater end
- Will inspire all those looking for a robust but not uncritical take on humanistic learning

CONTENTS

1. Grotius;
2. Hobbes and Pufendorf;
3. Locke and Cumberland;
4. Spinoza, Cudworth, Shaftesbury, and Leibniz;
5. Hutcheson and Butler;
6. Hume and Smith;
7. The British Rationalists and Reid;
8. Rousseau and Kant.

ADDITIONAL INFORMATION

Level: Academic researchers, graduate students



August 2023

244 x 170 mm 430pp

978-1-107-04430-2 Hardback

£54.99 / US\$69.99

THE PHILOSOPHY AND PRACTICE OF SCIENCE

David B. Teplow

University of California, Los Angeles

This book is a novel synthesis of the philosophy and practice of science, covering its diverse theoretical, metaphysical, logical, philosophical, and practical elements. The process of science is generally taught in its empirical form: what science is, how it works, what it has achieved, and what it might achieve in the future. What is often absent is how to think deeply about science and how to apply its lessons in the pursuit of truth, in other words, knowing how to know. In this volume, David Teplow presents illustrative examples of science practice, history and philosophy of science, and sociological aspects of the scientific community, to address commonalities among these disciplines. In doing so, he challenges cherished beliefs and suggests to students, philosophers, and practicing scientists new, epistemically superior, ways of thinking about and doing science.

KEY FEATURES

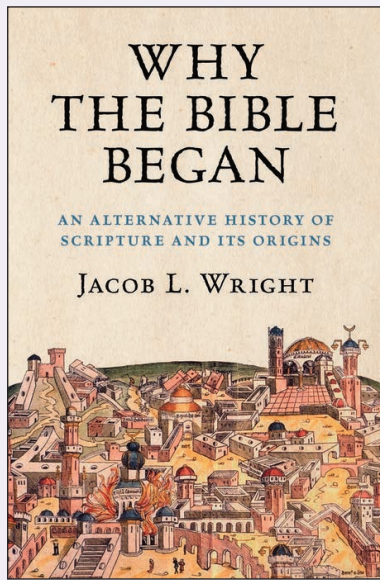
- Aims to remedy the fact that most students, and even some professors, have only a superficial appreciation of the historical and philosophical principles upon which their work is based
- Provides a detailed historical account of the development of the "scientific method" from the philosophy of the Ancient Greeks to the present day
- Discusses how one should think about and the 'hows' and 'whys' of doing science, for the mutual benefit of both scientists and philosophers
- Discusses and exemplifies the epistemology and sociology of science, for readers to appreciate the huge impact non-scientific factors have in all aspects of science practice

CONTENTS

Forewords;
 Preface;
 1. Introduction;
 2. Defining science;
 3. Learning science;
 4 Development of the scientific method: from papyrus to petaflops;
 5. Science in practice;
 6 Science as a social endeavor;
 7. Epilogue;
 Appendices;
 Index.

ADDITIONAL INFORMATION

Level: Graduate students, academic researchers



August 2023

228 x 152 mm c.500pp

978-1-108-49093-1 Hardback

£25.00 / US\$34.95

WHY THE BIBLE BEGAN

An Alternative History of Scripture and its Origins

Jacob L. Wright

Emory University, Atlanta

Why did no other ancient society produce something like the Bible? That a tiny, out of the way community could have created a literary corpus so determinative for peoples across the globe seems improbable. For Jacob Wright, the Bible is not only a testimony of survival, but also an unparalleled achievement in human history. Forged after Babylon's devastation of Jerusalem, it makes not victory but total humiliation the foundation of a new idea of belonging. Lamenting the destruction of their homeland, scribes who composed the Bible imagined a promise-filled past while reflecting deeply on abject failure. More than just religious scripture, the Bible began as a trailblazing blueprint for a new form of political community. Its response to catastrophe offers a powerful message of hope and restoration that is unique in the Ancient Near Eastern and Greco-Roman worlds. Wright's Bible is thus a social, political, and even economic roadmap – one that enabled a small and obscure community located on the periphery of leading civilizations and empires not just to come back from the brink, but ultimately to shape the world's destiny. The Bible speaks ultimately of being a united yet diverse people, and its pages present a manual of pragmatic survival strategies for communities confronting societal collapse.

KEY FEATURES

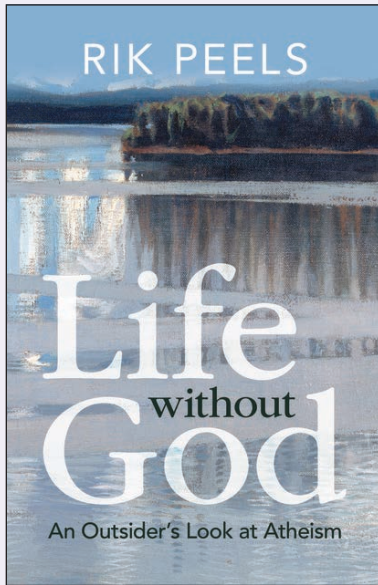
- Compellingly conveys why we are still reading the Bible – two millennia after it was written
- Interrogates why no other ancient society – Babylon, Assyria, and Rome – produced any comparable text
- Conveys a story of triumph over defeat and explains how the scribes who wrote the Bible inspired the creation of a nation

CONTENTS

I. The Rise and Fall: 1. Abraham and Sarah: From One to the Many; 2. Miriam: Empire and Exodus; 3. Deborah: A New Dawn; 4. David: Between North and South; 5. Ahab and Jezebel: Putting Israel on the Map; 6. Jehu and Elisha: Israel's Downfall and Judah's Jubilation; 7. Hezekiah and Isaiah: Putting Judah on the Map; 8. Josiah and Huldah: Judah's Downfall and Deportation; II. Admitting Defeat: 9. Daughter Zion: Finding One's Voice; 10. The Creator: Comforting the Afflicted; 11. Haggai the Prophet: Laying the Foundation; 12. Nehemiah the Builder: Restoring Judean Pride; 13. Ezra the Educator: Becoming a People of the Book; 14. Hoshayahu the Soldier: Peoplehood as a Pedagogical Project; III. A New Narrative: 15. Jeremiah and Baruch: A Monument to Defeat; 16. Isaac and Rebekah: The Family Story; 17. Moses and Joshua: The People's History; 18. Hannah and Samuel: The Palace History; 19. Solomon and the Queen of Sheba: The National Narrative; 20. Jonah: The Prophets as Survival Literature; 21. Yhwh's People: Codes, Covenant, and Kinship; IV. A People of Protest: 22. Matriarch: Women and the Biblical Agenda; 23. The Hero: Redefining Gender Roles; 24. The Other: Tales of War, Outsiders, and Allegiance; 25. The Soldier: Sacrificial Death and Eternal Life; 26. Prophet and Priest: Open Access and Separation of Powers; 27. The Sage: Job, Proverbs, and Ecclesiastes; 28. The Poet: The Song of Songs and Psalms; 29. The Queen: Peoplehood without Piety.

ADDITIONAL INFORMATION

Level: Undergraduate students, graduate students



May 2023

216 x 140 mm c.216pp

978-1-00-929777-6 Paperback

£22.99 / US\$29.99

LIFE WITHOUT GOD

An Outsider's Look at Atheism

Rik Peels

Vrije Universiteit, Amsterdam

In this book, Rik Peels explores atheism from a new perspective that aims to go beyond the highly polarized debate about arguments for and against God's existence. Since our beliefs about the most important things in life are not usually based on arguments, we should look beyond atheistic arguments and explore what truly motivates the atheist. Are there certain ideals or experiences that explain the turn to atheism? Could atheism be the default position for us, not requiring any arguments whatsoever? And what about the often-discussed arguments against belief in God—is there something that religious and nonreligious people alike can learn from them? This book explores how a novel understanding of atheism is possible – and how it effectively moves the God debate further. Believers and nonbelievers can learn much from Peels's assessment of arguments for and against atheism.

KEY FEATURES

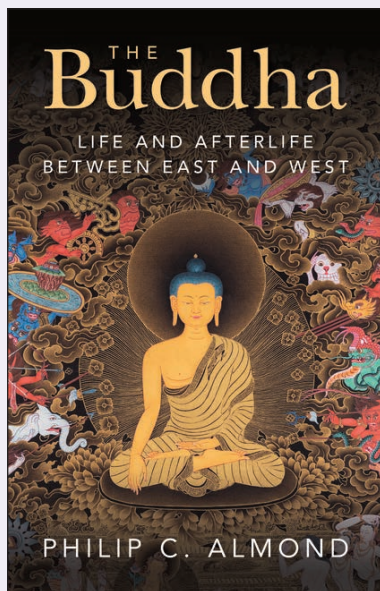
- Moves beyond the standard issues usually explored in public debates on religion, exploring desires, ideals, and experiences that readers may be familiar with themselves
- Reappraises atheistic arguments and a new approach to public debates on the existence of God
- Presents a new understanding of atheism and new ways to assess it

CONTENTS

1. A new approach to atheism;
2. Motivations for atheism;
3. Atheistic frameworks;
4. The presumption of atheism;
5. Atheistic arguments and faith;
6. Atheistic arguments and God;
7. Life after atheism.

ADDITIONAL INFORMATION

Level: Graduate students, undergraduate students



January 2024

216 x 138 mm c.300pp

978-1-00-934679-5 Hardback

£30.00 / US\$39.99

THE BUDDHA

Life and Afterlife Between East and West

Philip C. Almond

University of Queensland

Alongside Jesus and Muhammad, the Buddha is the most significant figure in the history of religion. Philip Almond's engaging new book is the first to combine a history of early traditions about Siddhartha Gautama's life with an authoritative account of how he and the tantalizing philosophy inspired by him came to the attention of the West. It takes the reader on a remarkable journey encompassing (among other topics) Alexander the Great, the courts of the Mongol Khans, Jesuit missions to China and Japan, and intrepid European travellers and scholars from the modern era. Melding Pali and Sanskrit sources with vivid reception, Almond presents the Buddha's story as multi-layered: one of transition from a world of angels and demons, water and tree spirits, to an altogether different context where Buddhism mixed with the cultural preoccupations of those who tentatively – sometimes following false trails – tried to make sense of its fascinating complexity.

KEY FEATURES

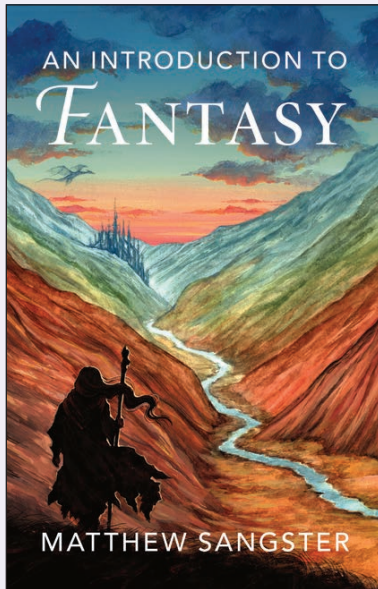
- The new book by the author of *The British Discovery of Buddhism*: arguably the most celebrated work of Western Buddhist reception
- The first general account of how Buddhism reached the West and what happened to the religion as it did so: will have considerable appeal to non-specialists as well as scholars
- A masterly summation of the key facets of Buddhist history, of great value to students
- Synthesises the complex Buddhist texts in a form easily intelligible to the generalist
- Crossover appeal to an audience in intellectual history as well as comparative religion
- The author is regularly reviewed in periodicals and broadsheets outside his own discipline
- Brings together a wealth of current literature on the life of the Buddha and his reception over the past 2,500 years which will appeal to all those with a passing interest in Buddhism

CONTENTS

1. Stories of the Buddha;
 2. The Quest for Enlightenment;
 3. The Buddha, the Greeks, and the Naked Philosophers;
 4. Mongols, Missionaries, and the Chief of the Idols;
 5. Saint Josaphat, the Buddha of Christendom;
 6. Imagining the Buddha;
 7. The Quest for the Historical Buddha;
 8. A Buddha for the West;
- Epilogue: 'Naturalised Buddhism'.

ADDITIONAL INFORMATION

Level: Academic researchers, graduate students, undergraduate students



September 2023

216 x 140 mm c.260pp

978-1-00-942994-8 Paperback

£19.99 / US\$24.99

AN INTRODUCTION TO FANTASY

Matthew Sangster

University of Glasgow

Providing an engaging and accessible introduction to the Fantasy genre in literature, media and culture, this incisive volume explores why Fantasy matters in the context of its unique affordances, its disparate pasts and its extraordinary current flourishing. It pays especial attention to Fantasy's engagements with histories and traditions, its manifestations across media and its dynamic communities. Matthew Sangster covers works ancient and modern; well-known and obscure; and ranging in scale from brief poems and stories to sprawling transmedia franchises. Chapters explore the roles Fantasy plays in negotiating the beliefs we live by; the iterative processes through which fantasies build, develop and question; the root traditions that inform and underpin modern Fantasy; how Fantasy interrogates the preconceptions of realism and Enlightenment totalisations; the practices, politics and aesthetics of world-building; and the importance of Fantasy communities for maintaining the field as a diverse and ever-changing commons.

KEY FEATURES

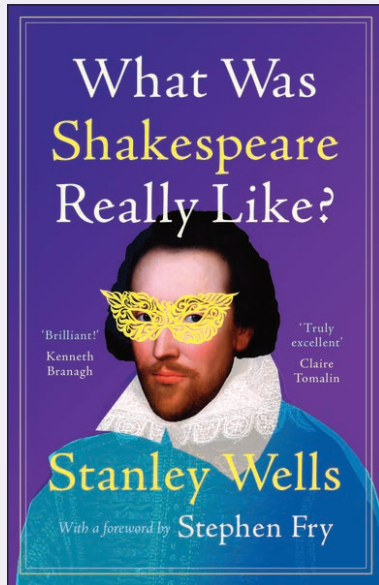
- Explores the long histories and deep-rooted traditions that feed into modern Fantasy, revealing how the genre knowingly engages with its pasts, caring for, critiquing and remaking older narratives
- Interdisciplinary in scope and covering a wide range of media forms, including novels, short fiction, tabletop games, video games, films, comics, TV and animation
- Radically reframes Fantasy as a community form, which draws from a shared commons and in which creators and audiences frequently switch roles and dynamically collaborate

CONTENTS

Introduction;
 1. Fantasy, Language and the Shaping of Culture;
 2. The Value of Iteration;
 3. Root Formations;
 4. Enlightenment and its Shadows;
 5. Fashioning Worlds;
 6. Fantastic Communities and Common Ground;
 Envoi.

ADDITIONAL INFORMATION

Level: Undergraduate students, graduate students, general readers



August 2023

198 x 129 mm c.130pp

978-1-00-934037-3 Hardback

£14.99 / US\$19.95

WHAT WAS SHAKESPEARE REALLY LIKE?

Stanley Wells

Shakespeare Birthplace Trust, Stratford-upon-Avon

Foreword by Stephen Fry

Sir Stanley Wells is one of the world's greatest authorities on William Shakespeare. Here he brings a lifetime of learning and reflection to bear on some of the most tantalising questions about the poet and dramatist that there are. How did he think, feel, and work? What were his relationships like? What did he believe about death? What made him laugh? This freshly thought and immensely engaging study wrestles with fundamental debates concerning Shakespeare's personality and life. The mysteries of how Shakespeare lived, whom and how he loved, how he worked, how he produced some of the greatest and most abidingly popular works in the history of world literature and drama, have fascinated readers for centuries. This concise, crystalline book conjures illuminating insights to reveal Shakespeare as he was. Wells brings the writer and dramatist alive, in all his fascinating humanity, for readers of today.

KEY FEATURES

- Sir Stanley Wells is a foremost writer and authority on Shakespeare
- The question of what Shakespeare was actually like – what really made him tick – is one of the great mysteries of modern Shakespearean scholarship, now addressed head-on
- This short, brilliantly accessible book addresses fundamental but challenging issues of identity and biography, and puts forward fresh, engaging and provocative interpretations
- Can be read and enjoyed with anyone with the slightest interest in Shakespeare and his immense literary legacy of sonnets and plays

CONTENTS

Foreword;

1. What Manner of Man Was He?;

2. How Did Shakespeare Write a Play?;

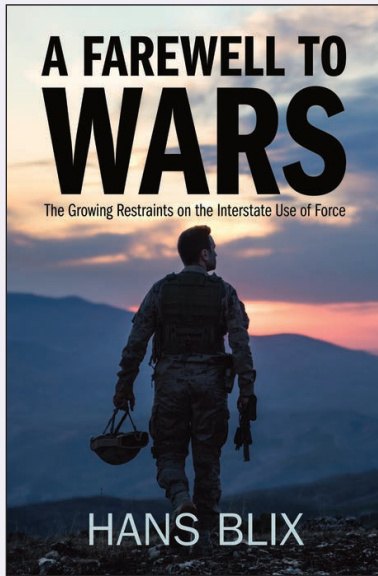
3. What Do the Sonnets Tell Us about Their Author?;

4. What Made Shakespeare Laugh?;

Epilogue: Eight Decades with Shakespeare.

ADDITIONAL INFORMATION

Level: General readers, undergraduate students



October 2023

229 x 152 mm c.310pp

978-1-00-939255-6 Hardback

£70.00 / US\$90.00

A FAREWELL TO WARS

The Growing Restraints on the Interstate Use of Force

Hans Blix

Director-General Emeritus, International Atomic Energy Agency

Since World War II, there has been a trend towards fewer wars, the Russian invasion of the Ukraine standing as a major 'aberration.' With decades of experience as an international lawyer, diplomat and head of UN Iraq inspections, Hans Blix examines conflicts and other developments after World War II. He finds that new restraints on uses of force have emerged from fears about nuclear war, economic interdependence and UN Charter rules. With less interest in the conquest of land, states increasingly use economic or cyber means to battle their adversaries. Such a turn is not free from perils but should perhaps be welcomed as an alternative to previous methods of war. By analysing these new restraints, Blix rejects the fatalistic assumption that there will always be war. He submits that today leading powers are saying farewell to previous patterns of war, instead choosing to continue their competition for power and influence on the battlefields of economy and information.

KEY FEATURES

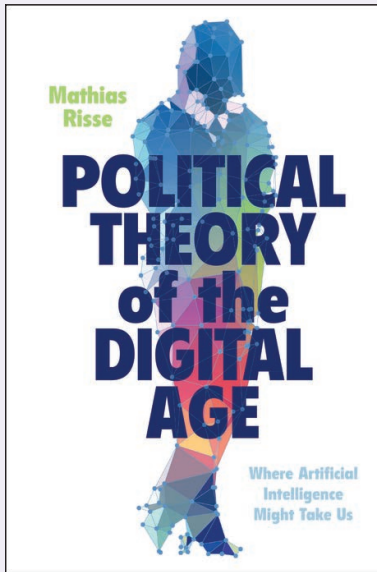
- Describes restraints on the use of force in a historical context and explains incentives and restraints at play in several interstate conflicts since WWII
- Outlines the different factors including military deterrence, fear of nuclear war, interdependence, diplomacy and UN Charter rules that contribute to upholding international peace
- Describes the differences in law-making and law enforcement between the community of states and the state community

CONTENTS

1. Introduction; 2. Interstate uses of force, tensions, and restraints by regions since World War II; 3. Interstate uses of force, tensions, and restraints during major phases of international relations since World War II; 4. Incentives to the interstate uses of force and restraints; 5. Historical evolution of norms and other means to restrain the use of force; 6. Overview of disincentives to and restraints on the interstate use of force; 7. Military strength to deter others from using force; 8. Nuclear and other non-conventional weapons and means as deterrents and threats; 9. Disarmament as restraint on the use of force; 10. Preventing the interstate use of force by preventing or solving conflicts: mediation, arbitration, fact-finding, diplomacy; 11. Restraints on the interstate use of force through legal norms; 12. UN Charter articles relating to the use of force; 13. The Security Council may use or authorize states or regional organizations to use force; 14. The right to individual and collective self-defence as an exception to Article 2:4; 15. Interventions triggered by factors unforeseen at the adoption of the Charter's ban on the interstate use of force; 16. Interventions seeking regime change, protection of people or punishment; 17. Findings regarding the role of norms to restrain the interstate use of force; 18. States are saying farewell to wars.

ADDITIONAL INFORMATION

Level: Academic researchers, graduate students



February 2023

229 x 152 mm c.400pp

978-1-00-925521-9 Hardback

£85.00 / US\$110.00

POLITICAL THEORY OF THE DIGITAL AGE

Where Artificial Intelligence Might Take Us

Mathias Risse

Harvard University, Massachusetts

With the rise of far-reaching technological innovation, from artificial intelligence to Big Data, human life is increasingly unfolding in digital lifeworlds. While such developments have made unprecedented changes to the ways we live, our political practices have failed to evolve at pace with these profound changes. In this path-breaking work, Mathias Risse establishes a foundation for the philosophy of technology, allowing us to investigate how the digital century might alter our most basic political practices and ideas. Risse engages major concepts in political philosophy and extends them to account for problems that arise in digital lifeworlds including AI and democracy, synthetic media and surveillance capitalism and how AI might alter our thinking about the meaning of life. Proactive and profound, *Political Theory of the Digital Age* offers a systemic way of evaluating the effect of AI, allowing us to anticipate and understand how technological developments impact our political lives – before it's too late.

KEY FEATURES

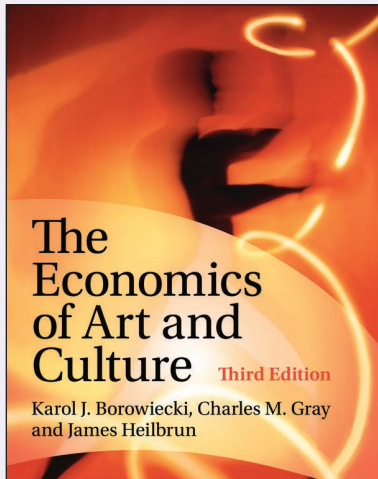
- Applies literatures in philosophy and political thought to technological developments
- Focuses on artificial intelligence, and how specifically AI changes the political landscape, and the landscape of thought about the political domain
- Establishes different time horizons to clarify the present, future, and speculative impacts of AI

CONTENTS

1. Introduction: digital lifeworlds in human history; 2. Learning from the Amish: political philosophy as philosophy of technology in the digital century; 3. Artificial intelligence and the past, present, and future of democracy; 4. Truth will not set you free: is there a right to it anyway? Elaborating on the work public reason does in life 2.0; 5. Knowing and being known: investigating epistemic entitlements in digital lifeworlds; 6. Beyond porn and discreditation: epistemic promises and perils of deepfake technology; 7. The fourth generation of human rights: epistemic rights in life 2.0 and life 3.0; 8. On surveillance capitalism, instrumentarian power, and social physics: securing the enlightenment for digital lifeworlds; 9. Data as social facts: distributive justice meets big data; 10. God, Golem, and gadget worshippers: meaning of life in the digital age; 11. Moral status and political membership: toward a political theory for life 3.0; Epilogue.

ADDITIONAL INFORMATION

Level: Graduate students, academic researchers



September 2023

254 x 203 mm 500pp

978-0-521-87030-6 Hardback

£99.99 / US\$130.00

THE ECONOMICS OF ART AND CULTURE

Third edition

Karol J. Borowiecki

University of Southern Denmark

Charles M. Gray

University of St Thomas, Minnesota

James Heilbrun

Fordham University, New York

Spanning the economics of the fine arts, performing arts, and public policy, this updated classic is the go-to resource for navigating today's creative industries. Building on real-world data, engaging case studies, and cutting-edge research, it prepares students for careers in the cultural, creative, and public sectors. By avoiding mathematical treatments and explaining theories with examples, this book develops theoretical concepts from scratch, making it accessible to readers with no background in economics. While most of the theory remains timeless, this new edition covers changes in the world's economic landscapes. Updates include new sections on gender representation, cultural districts and tourism, digital broadcasting and streaming, how technology impacts the arts, and arts management and strategy. The authors demonstrate data-driven decision-making using examples and cases from various databases. Students learn to assess academic results and apply the learned material using the discussion questions and problem sets.

KEY FEATURES

- Describes restraints on the use of force in a historical context and explains incentives and restraints at play in several interstate conflicts since WWII
- Outlines the different factors including military deterrence, fear of nuclear war, interdependence, diplomacy and UN Charter rules that contribute to upholding international peace
- Describes the differences in law-making and law enforcement between the community of states and the state community

CONTENTS

Contents; **Part I.** The Arts Sector in the Economy: Size, Growth, and Significance: 1. An Overview of the Arts Sector; 2. Growth of the Arts Sector; 3. Audiences for the Arts; **Part II.** The Microeconomics of Demand and Supply: 4. Consumer Demand: An Introduction; 5. Elasticities of Arts Demand and Their Policy Implications; 6. Production and Cost in the Performing Arts; 7. Firms and Markets in the Performing Arts; 8. Productivity Lag and the Financial Problem of the Arts; 9. Economics of Arts Management and Strategy; **Part III.** The Fine Arts and Museums: 10. The Market in Works of Art; 11. The Economics of Art Museums; **Part IV.** Public Policy and Support for the Arts: 12. Theory and Practice of Government Support for the Arts; 13. Private Support for the Arts; **Part V.** Art, Economy, and Society: 14. The Arts as a Profession: Education, Training, and Employment; 15. The Role of the Arts in a Local Economy; 16. The Mass Media, Digital Access, and the Cultivation of Taste; 17. Innovation, Diversity, and the Future of Art and Culture; Bibliography; Index.

Additional Resources: <http://www.cambridge.org/9780521870306>

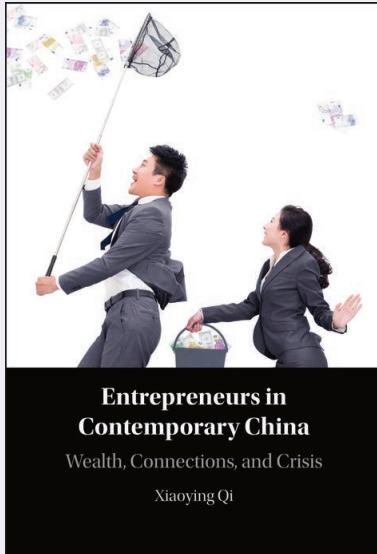
www.cambridge.org/borowiecki

Figures and tables from the book in PPT/JPG format

ADDITIONAL INFORMATION

Level: Undergraduate Students,
graduate students

Previous editions
sold in Chinese
Simplified and
Korean



September 2023

229 x 152 mm c.218pp

978-1-00-931610-1 Hardback

£85.00 / US\$110.00

ENTREPRENEURS IN CONTEMPORARY CHINA

Wealth, Connections, and Crisis

Xiaoying Qi

Australian Catholic University, Melbourne

Entrepreneurs in Contemporary China explores emerging business practices and related phenomena in contemporary China. It examines new forms of business practices and argues that an emerging strata of private entrepreneurs has entered the economy in recent decades, an under-researched sector of Chinese society. It draws on extensive interviews with business founders and CEOs in present-day China and shows why business-related themes are important to understanding society itself, the forces that underpin social relationships more broadly, and the basis and nature of social change. In capturing the experiences of individuals and their companies amid social and economic challenges, and by uncovering innovative strategies employed by business owners, this book makes a significant contribution to the sociological as well as the business studies literature both through its empirical richness and theoretical innovation regarding considerations of trust, social networks, crisis, gender, and social exchange.

KEY FEATURES

- Examines business characteristics previously unrecognized in the literature
- Identifies business practices and relations that have been neglected or underexplored in prior research
- Draws on extensive interviews with entrepreneurs to explore the complexities of their business practices and their exchange relations
- Provides significant new insights into our understanding of not only Chinese market society but business relations and engagements in general

CONTENTS

Introduction: An Invention of Entrepreneurs in Marketized China;

1. E-Commerce: Social Embeddedness Through and Behind the Screen;

2. Making Social Networks: Agency, Norms and Costs;

3. Trust, Broken Trust, and Trust Renegotiated; 4. Family Business and its Management;

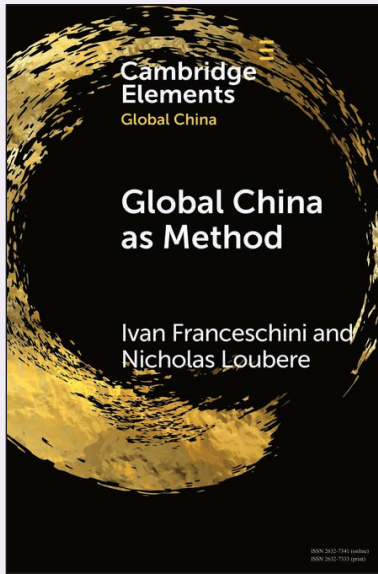
5. Female Entrepreneurs: Doing Gender and Displaying Gender as a Strategy;

6. Crisis as Opportunities: The Chinese Practice of Weiji;

Conclusion: Rethinking Entrepreneurship: Trust, Networks, Crisis and Gender.

ADDITIONAL INFORMATION

Level: Academic researchers, graduate students, undergraduate students



August 2022

229 x 152 mm c.75pp

978-1-108-99556-6 Paperback

£17.00 / US\$22.00

GLOBAL CHINA AS METHOD

Third edition

Ivan Franceschini

Australian National University, Canberra

Nicholas Loubere

Lunds Universitet, Sweden

Is China part of the world? Based on much of the political, media, and popular discourse in the West the answer is seemingly no. Even after four decades of integration into the global socioeconomic system, discussions of China continue to be underpinned by a core assumption: that the country represents a fundamentally different 'other' that somehow exists outside the 'real' world. Either implicitly or explicitly, China is generally depicted as an external force with the potential to impact on the 'normal' functioning of things. This core assumption, of China as an orientalist, externalised, and separate 'other', ultimately produces a distorted image of both China and the world. This Element seeks to illuminate the ways in which the country and people form an integral part of the global capitalist system. This title is also available as Open Access on Cambridge Core.

KEY FEATURES

- This title is also available as Open Access on Cambridge Core.

CONTENTS

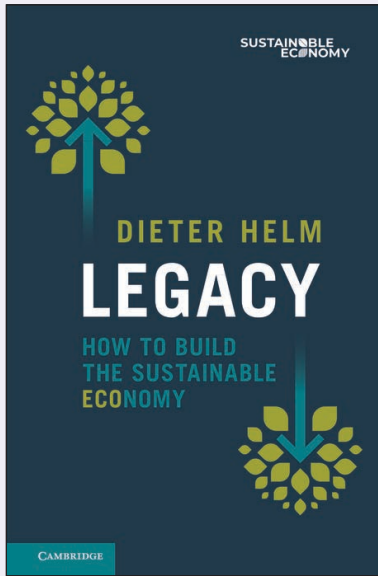
1. Chinese Labour in a Global Perspective;
2. Digital Dystopias;
3. Xinjiang;
4. Belts and Roads;
5. The Academe.

ADDITIONAL INFORMATION

Level: Academic researchers, graduate students

Series: [Elements in Global China](#)

Korean rights
sold



November 2023

229 x 152 mm c.266pp

978-1-00-944922-9 Hardback

£69.99 / US\$89.99

LEGACY

How to Build the Sustainable Economy

Dieter Helm

University of Oxford

What would a sustainable economy look like? What would it take to live within our environmental means? *Legacy* answers these and other questions, setting out the key features of the sustainable economy. It explains what it would take to properly maintain different types of capital, why polluters would have to pay, why the current generation would have to fund the necessary maintenance of our natural assets, and why we would have to save to invest. The message is a tough one: we are way off course in terms of meeting these conditions and we cannot escape the consequences. This book explains what we would have to do to mend our ways. In doing so, it highlights the feebleness of current approaches to net zero and biodiversity loss as well as our great neglect of the core infrastructures, and why we are not meeting our duties to the next generation. This title is Open Access.

KEY FEATURES

- Offers a comprehensive analysis of the sustainable economy
- Provides a clear exposition of the legacy we should leave the next generation
- Shows why the narrow utility-based and piecemeal approaches of convention economics (utility maximization, discrete goods and services, expected utility and cost benefit analyses) are flawed and don't help to address the environmental crises
- Offers a new approach based upon assets and the capabilities that we should leave for future generations able to choose how to live their lives
- This title is Open Access

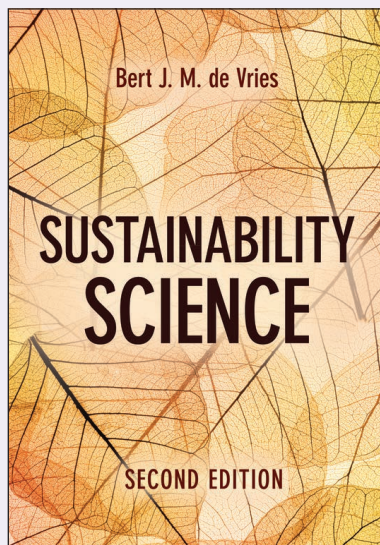
CONTENTS

1. Introduction;
2. The next generation;
3. Taking precautions, building resilience;
4. The capitals;
5. Sustainable accounting and the balance sheet;
6. Polluter pays;
7. Public goods and zero marginal costs;
8. Sustainable consumption, deficits and debt;
9. Social justice;
10. Delivering the system plans;
11. A new constitution;
12. Conclusions: it could go either way.

ADDITIONAL INFORMATION

Level: General readers, academic researchers, graduate students

www.cambridge.org/rights
rights@cambridge.org



December 2023

254 x 178 mm c.663pp

978-1-00-930019-3 Hardback

£110.00 / US\$140.00

SUSTAINABILITY SCIENCE

Second edition

Bert J. M. de Vries

Universiteit Utrecht, The Netherlands

The fully updated second edition of this innovative textbook provides a system analysis approach to sustainability for advanced undergraduate and graduate students. To an extent unparalleled in other textbooks, the latest scientific data and insights are integrated into a broad and deep transdisciplinary framework. Readers are encouraged to explore and engage with sustainability issues through the lenses of a cultural and methodological pluralism which promotes dialogue and alliances in the search for a (more) sustainable future. Ideal for students and their teachers in sustainable development, environmental science and policy, ecology, conservation, natural resources and geopolitics, the book will also appeal to interested citizens, activists, and policymakers, exposing them to the variety of perspectives on sustainability issues. Review questions and exercises provide the opportunity for consolidation and reflection. Online resources include appendices with more advanced mathematical material, model answers, and a wealth of recommended additional sources.

KEY FEATURES

- Fully revised and updated new edition; the more challenging mathematical material now moved online, enhancing its accessibility to a broader range of students
- Innovative in employing a deep transdisciplinary approach to sustainable development focused on worldviews; students reflect on their own values and beliefs as a basis for engagement
- Readers engage with sustainability issues through the lenses of cultural and methodological pluralism; helps train students to operate on 'post-normal science' projects with members from all disciplines
- Examines the dynamics of human-environment systems and facilitates the design, implementation, and evaluation of practical interventions to promote sustainability in varied contexts
- Appeals to engaged citizens, policymakers, and activists as well as its core audience of advanced students and their teachers
- Thought provoking review questions and exercises consolidate what the reader has learnt and stimulates further reflection

Figures

Additional appendices and boxes with more advanced mathematical material

Link to author website which has model answers (freely accessible to both students and instructors) and other resources

NEW TO THIS EDITION

- Structural changes to make the book more accessible
- Advanced mathematics moved to online appendices to make the book more accessible
- Updated in light of recent developments and controversies in sustainability
- New chapters on concepts, methods, indicators, health, education, mobility and water

CONTENTS

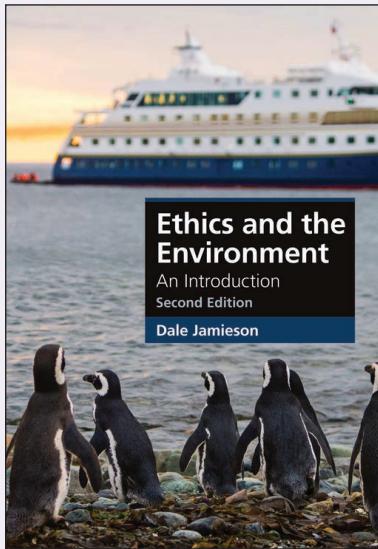
Foreword; Preface; List of acronyms and abbreviations; List of units; **Part I.** Setting the Stage: 1. Sustainable development: a personal and societal aspiration; 2. Sustainable science: context and content; **Part II.** The State We're In and How We Got There: 3. Early states and civilisations; 4. Industrialisation: the great acceleration; 5. Modernity: the idea of progress; **Part III.** Engagement through Worldviews: 6. The worldview framework; 7. Worldviews: values, beliefs, ethics; **Part IV.** Understanding Sustainable Development: 8. Understanding, modelling, managing complexity; 9. Modelling sustainable development; **Part V.** Sustainability Themes: 10. Concepts, methods and indicators; 11. Population: humans and their habitat; 12. Pillars of development: health, education and mobility; 13. Nature: the life-support system; 14. Renewable resources: fisheries and forests; 15. Land and agro-food systems; 16. Water: the precious resource; 17. Energy: to a carbon-free supply; 18. Materials: towards a circular economy; 19. The economy; **Part VI.** Closure: 20. Stories about the future; Glossary; References; Index.

Additional Resources: <http://www.cambridge.org/9781009300193>

JPEGs and PPTs of figures and tables, online-only appendices and boxes, link to author's website

ADDITIONAL INFORMATION

Level: Undergraduate students, graduate students, academic researchers



November 2023

244 x 170 mm c.240pp

978-1-108-83417-9 Hardback

£80.00 / US\$105.00

ETHICS AND THE ENVIRONMENT

Second edition

An Introduction

Dale Jamieson

New York University

This new edition of a widely used and cited introduction to ethics and the environment offers a broad and lively discussion of nature's future, focusing on climate change, conservation, and justice for both our contemporaries and future generations. It discusses the nature of environmental problems and their relationship to economics, religion, technology, and aesthetics. It includes incisive discussions of our moral relations with other animals, and of how animals are used in our food systems. It also provides a deep discussion of the value of nature, which takes up ecofeminist and deep ecology views as well as sentientism and biocentrism. It discusses the plurality of values, and applies this analysis to some conflicts from the author's home state of California. The volume is comprehensively revised and updated, with several new chapters, and concludes with a compelling discussion of the question "How should I live?" in this new epoch of the Anthropocene.

KEY FEATURES

- Recognises that ethical decision-making about the environment relies on a deep and rigorous understanding of the empirical background and relevant facts
- Demonstrates how questions of ethics are at the centre of thinking about environmental problems
- Sensitizes the reader to the difficult trade-offs involved in environmental decision-making

CONTENTS

1. The Environment as an Ethical Question;
2. Human Morality;
3. Moral Philosophy;
4. Normative Ethics;
5. Humans and Other Animals;
6. Animals, Food and the Environment;
7. The Value of Nature;
8. The Plurality of Values;
9. California Conflicts;
10. Nature's Future;
11. How Should I Live?

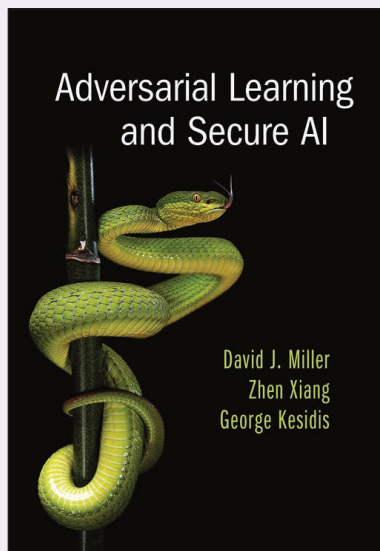
ADDITIONAL INFORMATION

Level: Graduate students, academic researchers

Series: [Cambridge Applied Ethics](#)

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August 2023

244 x 170 mm c.350pp

978-1-00-931567-8 Hardback

£54.99 / US\$69.99

ADVERSARIAL LEARNING AND SECURE AI

David J. Miller

Pennsylvania State University

Zhen Xiang

University of Illinois, Urbana-Champaign

George Kesidis

Pennsylvania State University

Providing a logical framework for student learning, this is the first textbook on adversarial learning. It introduces vulnerabilities of deep learning, then demonstrates methods for defending against attacks and making AI generally more robust. To help students connect theory with practice, it explains and evaluates attack-and-defense scenarios alongside real-world examples. Feasible, hands-on student projects, which increase in difficulty throughout the book, give students practical experience and help to improve their Python and PyTorch skills. Book chapters conclude with questions that can be used for classroom discussions. In addition to deep neural networks, students will also learn about logistic regression, naïve Bayes classifiers, and support vector machines. Written for senior undergraduate and first-year graduate courses, the book offers a window into research methods and current challenges. Online resources include lecture slides and image files for instructors, and software for early course projects for students.

KEY FEATURES

- Connects theory with practice by featuring realistic examples, case studies, and hands-on student projects in each chapter
- Offers instructors several options for structuring a course on adversarial machine learning, including the necessary background material
- Presents a logical structure to assist student learning
- Strengthens critical thinking by evaluating attacks and defenses
- Online resources include image files and lecture slides for instructors, and software for early course projects that improves students' skills in Python and PyTorch
- Chapters conclude with a set of questions that are suitable for classroom discussion

For Instructors:

Lecture Slides

Images from the book

For Students:

Software for early course projects

CONTENTS;

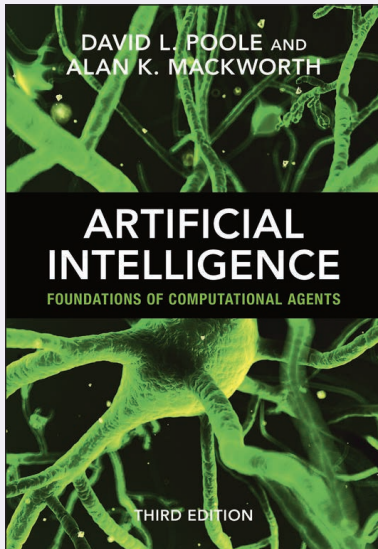
Preface; Notation; 1. Overview of adversarial learning; 2. Deep learning background; 3. Basics of detection and mixture models; 4. Test-time evasion attacks (adversarial inputs); 5. Backdoors and before/during training defenses; 6. Post-training reverse-engineering defense (PT-RED) Against Imperceptible Backdoors; 7. Post-training reverse-engineering defense (PT-RED) against patch-incorporated backdoors; 8. Transfer post-training reverse-engineering defense (T-PT-RED) against backdoors; 9. Universal post-training backdoor defenses; 10. Test-time detection of backdoor triggers; 11. Backdoors for 3D point cloud (PC) classifiers; 12. Robust deep regression and active learning; 13. Error generic data poisoning defense; 14. Reverse-engineering attacks (REAs) on classifiers; Appendix. Support Vector Machines (SVMs); References; Index.

Additional Resources: <http://www.cambridge.org/9781009315678>

For Instructors: image files and lecture slides. For students: software for early course projects.

ADDITIONAL INFORMATION

Level: Graduate students, undergraduate students, professionals



July 2023

254 x 177 mm c.900pp

978-1-00-925819-7 Hardback

£57.99 / US\$74.99

ARTIFICIAL INTELLIGENCE

Third edition

Foundations of Computational Agents

David L. Poole

University of British Columbia, Vancouver

Alan K. Mackworth

University of British Columbia, Vancouver

Fully revised and updated, this third edition includes three new chapters on neural networks and deep learning including generative AI, causality, and the social, ethical and regulatory impacts of artificial intelligence. All parts have been updated with the methods that have been proven to work. The book's novel agent design space provides a coherent framework for learning, reasoning and decision making. Numerous realistic applications and examples facilitate student understanding. Every concept or algorithm is presented in pseudocode and open source AIPython code, enabling students to experiment with and build on the implementations. Five larger case studies are developed throughout the book and connect the design approaches to the applications. Each chapter now has a social impact section, enabling students to understand the impact of the various techniques as they learn them. An invaluable teaching package for undergraduate and graduate AI courses, this comprehensive textbook is accompanied by lecture slides, solutions, and code.

KEY FEATURES

- Introduces concepts at the right level of detail, using straightforward language and minimum mathematics
- Examines the social and ethical impacts of AI, connecting techniques to real-world benefits and harms
- Explains state-of-the-art algorithms and examples underlying the theory, demonstrating how concepts are applied
- Provides two complementary software systems – AIPython and AILog – for experimentation and extension
- Pedagogical features include examples, end-of-chapter reviews, further reading lists, and exercises

For Instructors

- Lecture slides
- Solutions manual

For Students

- Website with interactive AI system
- Programming assignments
- Downloadable code
- Further reading

CONTENTS

Preface; **Part I.** Agents in the World: 1. Artificial intelligence and agents; 2. Agent architectures and hierarchical control; **Part II.** Reasoning and Planning with Certainty: 3. Searching for solutions; 4. Reasoning with constraints; 5. Propositions and inference; 6. Deterministic planning; **Part III.** Learning and Reasoning with Uncertainty: 7. Supervised machine learning; 8. Neural networks and deep learning; 9. Reasoning with uncertainty; 10. Learning with uncertainty; 11. Causality; **Part IV.** Planning and Acting with Uncertainty; 12. Planning with uncertainty; 13. Reinforcement learning; 14. Multiagent systems; **Part V.** Representing Individuals and Relations: 15. Individuals and relations; 16. Knowledge graphs and ontologies; 17. Relational learning and probabilistic reasoning; **Part VI.** The Big Picture: 18. The social impact of artificial intelligence; 19. Retrospect and prospect; Appendices; References; Index of Algorithms; Index.

Additional Resources: <http://www.cambridge.org/9781009258197>

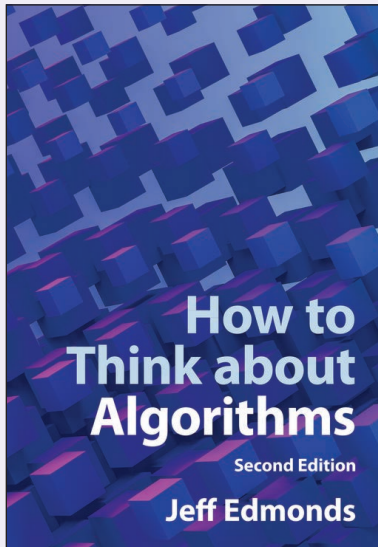
JPEGs and PPTs of figures and tables, author website (artint.info) includes student-facing resources, solutions manual, lecture slides

ADDITIONAL INFORMATION

Level: Undergraduate students, graduate students

Previous editions
sold in Simplified
Chinese

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December 2023

244 x 170 mm c.500pp

978-1-00-930213-5 Paperback

£29.99 / US\$39.99

HOW TO THINK ABOUT ALGORITHMS

Second edition

Jeff Edmonds

York University, Toronto

Understand algorithms and their design with this revised student-friendly textbook. Unlike other algorithms books, this one is approachable, the methods it explains are straightforward, and the insights it provides are numerous and valuable. Without grinding through lots of formal proof, students will benefit from step-by-step methods for developing algorithms, expert guidance on common pitfalls, and an appreciation of the bigger picture. Revised and updated, this second edition includes a new chapter on machine learning algorithms, and concise key concept summaries at the end of each part for quick reference. Also new to this edition are more than 150 new exercises: selected solutions are included to let students check their progress, while a full solutions manual is available online for instructors. No other text explains complex topics such as loop invariants as clearly, helping students to think abstractly and preparing them for creating their own innovative ways to solve problems.

KEY FEATURES

- Includes numerous new exercises, with selected solutions in the text and a full solutions manual for instructors available online
- Presents step-by-step methods for developing algorithms and guides students through common pitfalls, giving students the support they need to design their own algorithms
- Exceptionally clear and approachable and can be used to supplement other, more difficult textbooks

Solutions Manual for Instructors, Slides

CONTENTS

Preface; Introduction; **Part I.** Iterative Algorithms and Loop Invariants: 1. Iterative algorithms: measures of progress and loop invariants; 2. Examples using more-of-the-input loop invariant; 3. Abstract data types; 4. Narrowing the search space: binary search; 5. Iterative sorting algorithms; 6. Euclid's GCD algorithm; 7. The loop invariant for lower bounds; 8. Key concepts summary: loop invariants and iterative algorithms; 9. Additional exercises: Part I; 10. Partial solutions to additional exercises: Part I; **Part II.** Recursion: 11. Abstractions, techniques, and theory; 12. Some simple examples of recursive algorithms; 13. Recursion on trees; 14. Recursive images; 15. Parsing with context-free grammars; 16. Key concepts summary: recursion; 17. Additional exercises: Part II; 18. Partial solutions to additional exercises: Part II; **Part III.** Optimization Problems: 19. Definition of optimization problems; 20. Graph search algorithms; 21. Network flows and linear programming; 22. Greedy algorithms; 23. Recursive backtracking; 24. Dynamic programming algorithms; 25. Examples of dynamic programming; 26. Reductions and NP-completeness; 27. Randomized algorithms; 28. Key concepts summary: greedy algorithms and dynamic programmings; 29. Additional exercises: Part III; 30. Partial solutions to additional exercises: Part III; **Part IV.** Additional Topics: 31. Existential and universal quantifiers; 32. Time complexity; 33. Logarithms and exponentials; 34. Asymptotic growth; 35. Adding-made-easy approximations; 36. Recurrence relations; 37. A formal proof of correctness; 38. Additional exercises: Part IV; 39. Partial solutions to additional exercises: Part IV; Exercise Solutions; Conclusion; Index.

Additional Resources: <http://www.cambridge.org/9781009302142>

Solutions manual for instructors, JPEGs and PPTs of figures and tables

NEW TO THIS EDITION

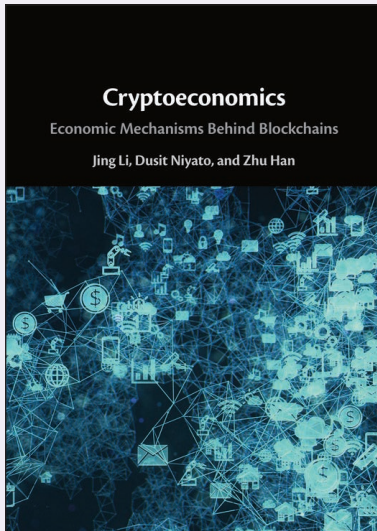
- Includes a new chapter on machine learning algorithms
- Now features concise key concept summaries at the end of each part for quick reference
- More than 150 new exercises with selected solutions included to let students check their progress

ADDITIONAL INFORMATION

Level: General readers, academic researchers, graduate students

Previous
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Portuguese

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July 2023

244 x 170 mm c.301pp

978-1-316-51578-5 Hardback

£105.00 / US\$135.00

CRYPTOECONOMICS

Economic Mechanisms Behind Blockchains

Jing Li

University of Houston

Dusit Niyato

Nanyang Technological University, Singapore

Zhu Han

University of Houston

The book offers a succinct overview of the technical components of blockchain networks, also known as distributed digital ledger networks. Written from an academic perspective, it surveys ongoing research challenges as well as existing literature. Several chapters illustrate how the mathematical tools of game theory and algorithmic mechanism design can be applied to the analysis, design, and improvement of blockchain network protocols. Using an engineering perspective, insights are provided into how the economic interests of different types of participants shape the behaviors of blockchain systems. Readers are thus provided with a paradigm for developing blockchain consensus protocols and distributed economic mechanisms that regulate the interactions of system participants, thus leading to desired cooperative behaviors in the form of system equilibria. This book will be a vital resource for students and scholars of this budding field.

KEY FEATURES

- Provides a comprehensive overview of emerging blockchain-based applications, discussing techniques for modeling, analyzing, and designing them
- Serves as a teaching tool and resource for insights into open problems and current areas of research in blockchain analysis and design
- Provides a unified framework of protocol analysis/design for blockchain networks, and a comprehensive analysis rooted in economic theory

CONTENTS

1. Introduction;
- Part I. Cryptoeconomics Basics:
2. Cryptography basics;
3. Economic incentive;
- Part II. Consensus Protocol Design in Blockchain Networks:
4. Consensus mechanism basics;
5. Incentivized consensus mechanism;
- Part III. Mechanism Design In Blockchain Networks and Beyond:
6. Mechanism design basics;
7. Auction theory;
8. Contract theory;
9. Equilibrium problem with equilibrium constraints;
10. Open questions about mechanism design in cryptoeconomics;
- References;
- Index.

ADDITIONAL INFORMATION

Level: Academic researchers, professionals, graduate students

Introduction to Probability for Computing

Mor Harchol-Balter



August 2023

244 x 170 mm c.555pp

978-1-00-930907-3 Hardback

£54.99 / US\$69.99

INTRODUCTION TO PROBABILITY FOR COMPUTING

Mor Harchol-Balter

Carnegie Mellon University, Pennsylvania

Learn about probability as it is used in computer science with this rigorous, yet highly accessible, undergraduate textbook. Fundamental probability concepts are explained in depth, prerequisite mathematics is summarized, and a wide range of computer science applications is described. Throughout, the material is presented in a “question and answer” style designed to encourage student engagement and understanding. Replete with almost 400 exercises, real-world computer science examples, and covering a wide range of topics from simulation with computer science workloads, to statistical inference, to randomized algorithms, to Markov models and queues, this interactive text is an invaluable learning tool whether your course covers probability with statistics, with stochastic processes, with randomized algorithms, or with simulation. The teaching package includes solutions, lecture slides, and lecture notes for students.

KEY FEATURES

- Designed to teach students about probability as it is used in computer science curricula today
- Includes many examples and applications specific to computer science, including hash table design, capacity provisioning in data centers, web page ranking, disk modeling, virus propagation, deducing signals in noisy environments, error correction, caching, and primality testing
- Fully rigorous, yet accessible for students, with an interactive question-and-answer style focusing on intuition-building
- Includes full-color illustrations, numerous examples, and nearly 400 exercises

For instructors: Solutions Manual; PowerPoint lecture slides; JPG and PPT figures from the book.

For students: Summary lecture notes for students

CONTENTS

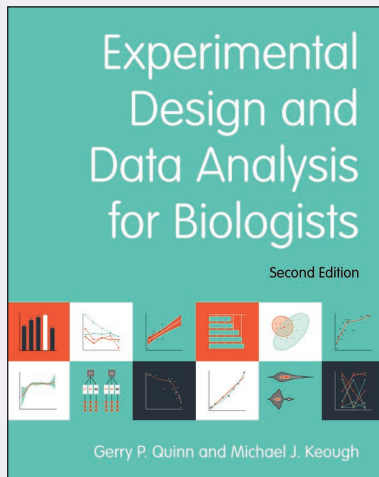
Preface; **Part I.** Fundamentals and Probability on Events: 1. Before we start ... some mathematical basics; 2. Probability on events; **Part II.** Discrete Random Variables: 3. Probability and discrete random variables; 4. Expectations; 5. Variance, higher moments, and random sums; 6. z-Transforms; **Part III.** Continuous Random Variables: 7. Continuous random variables: single distribution; 8. Continuous random variables: joint distributions; 9. Normal distribution; 10. Heavy tails: the distributions of computing; 11. Laplace transforms; **Part IV.** Computer Systems Modeling and Simulation: 12. The Poisson process; 13. Generating random variables for simulation; 14. Event-driven simulation; **Part V.** Statistical Inference: 15. Estimators for mean and variance; 16. Classical statistical inference; 17. Bayesian statistical inference; **Part VI.** Tail Bounds and Applications: 18. Tail bounds; 19. Applications of tail bounds: confidence intervals and balls-and-bins; 20. Hashing algorithms; **Part VII.** Randomized Algorithms: 21. Las Vegas randomized algorithms; 22. Monte Carlo randomized algorithms; 23. Primality testing; **Part VIII.** Discrete-time Markov Chains; 24. Discrete-time Markov chains: finite-state; 25. Ergodicity for finite-state discrete-time Markov chains; 26. Discrete-time Markov chains: infinite-state; 27. A little bit of queueing theory; References; Index.

Additional Resources: <http://www.cambridge.org/9781009309073>

Solutions manual, PowerPoint lecture slides, JPG and PPT figures from the book, summary lecture notes for students

ADDITIONAL INFORMATION

Level: Undergraduate students, graduate students



August 2023

254 x 203 mm 405pp 140 b/w illus.

978-1-107-03671-0 Hardback

£110.00 / US\$145.00

EXPERIMENTAL DESIGN AND DATA ANALYSIS FOR BIOLOGISTS

Second edition

Gerry P. Quinn

Deakin University, Victoria

Michael J. Keough

University of Melbourne

Applying statistical concepts to biological scenarios, this established textbook continues to be the go-to tool for advanced undergraduates and postgraduates studying biostatistics or experimental design in biology-related areas. Chapters cover linear models, common regression and ANOVA methods, mixed effects models, model selection, and multivariate methods used by biologists, requiring only introductory statistics and basic mathematics. Demystifying statistical concepts with clear, jargon-free explanations, this new edition takes a holistic approach to help students understand the relationship between statistics and experimental design. Each chapter contains further-reading recommendations, and worked examples from today's biological literature. All examples reflect modern settings, methodology and equipment, representing a wide range of biological research areas. These are supported by hands-on online resources including real-world data sets, full R code to help repeat analyses for all worked examples, and additional review questions and exercises for each chapter.

KEY FEATURES

- Provides worked examples from primary literature and includes relevant data to replicate the analyses, applying statistical concepts to real biological scenarios
- Takes a holistic approach, particularly for linear models, and maintains consistent terminology that covers the concepts without relying on niche jargon
- Supplies full annotated R code online for all worked examples, enabling students to do all analyses in R at their own pace
- Offers additional revision questions online, from the biological literature and with real data

CONTENTS

List of Acronyms; Preface; 1. Introduction; 2. Things to Know Before Proceeding; 3. Sampling and Experimental Design; 4. Introduction to Linear Models; 5. Exploratory Data Analysis; 6. Simple Linear Models with One Predictor; 7. Linear Models for Crossed (Factorial) Designs; 8. Multiple Regression Models; 9. Predictor Importance and Model Selection in Multiple Regression Models; 10. Random Factors in Factorial and Nested Designs; 11. Split-plot (Split-unit) Designs: Partly Nested Models; 12. Repeated Measures Designs; 13. Generalized Linear Models for Categorical Responses; 14. Introduction to Multivariate Analyses; 15. Multivariate Analyses Based on Eigenanalyses; 16. Multivariate Analyses Based on (dis)similarities or Distances; 17. Telling Stories with Data; References; Glossary; Index.

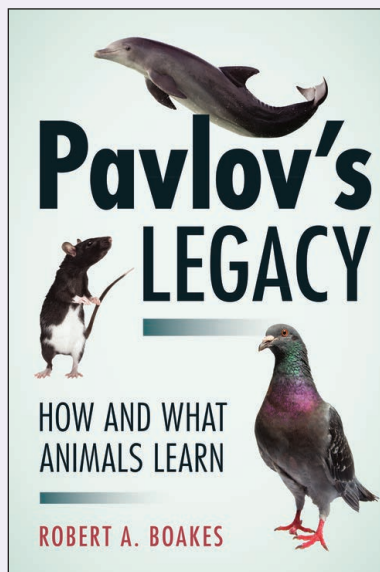
Additional Resources: <http://www.cambridge.org/9781107036710>

Data sets for worked examples, either directly or a via a link to the relevant data repository. The R code is provided to help repeat the analyses for all worked examples. Additional revision questions, with data if relevant, are provided for each chapter.

ADDITIONAL INFORMATION

Level: Undergraduate students, graduate students

Previous edition
sold in Chinese
Simplified



November 2023

244 x 170 mm c.375pp

978-1-316-51207-4 Hardback

£64.99 / US\$84.99

PAVLOV'S LEGACY

How and What Animals Learn

Robert A. Boakes

University of Sydney

Pavlov claimed that his experiments with dogs would transform the study of psychology and the treatment of mental illness. His work inspired researchers to study how animals learn to traverse mazes, avoid shocks, or press levers to obtain food, and also to compare the learning and cognitive abilities of different species, ranging from apes and dolphins to rats and pigeons. This book describes five decades of research into animal learning and comparative psychology, examining Pavlov's influence on this research and discoveries made by scientists who accepted many of his claims, while others looked for evidence to reject them. Drawing together diverse strands of research and providing historical and biographical information to bring the details to life, this is an ideal resource for graduate students and researchers in behavioural neuroscience, as well as for anyone in adjacent fields with an interest in learning theory.

KEY FEATURES

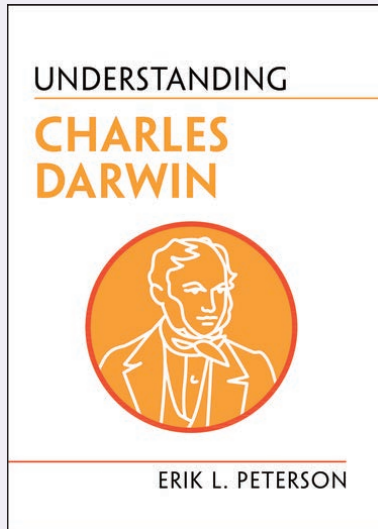
- Traces diverse strands of research over the 50-year period during which Pavlov's discoveries first became generally known outside of Russia
- Explains key studies and influential theories in detail using non-technical language, improving understanding of important research and the development of theories
- Includes short biographies of key players in animal learning research to improve understanding of the field's social and cultural background

CONTENTS

1. Ivan Pavlov, Conditioned reflexes and experimental neuroses;
2. Developing habits: Clark Hull and the Hullians;
3. Learning where things are and where events happen;
4. Fear, avoidance and punishment;
5. Comparative psychology: species differences in what animals can learn;
6. Imprinting and constraints on learning;
7. Discrimination learning and attention;
8. B. F. Skinner and the experimental analysis of behavior;
9. How animals learn to associate events.

ADDITIONAL INFORMATION

Level: Graduate students, academic researchers



September 2023

178 x 127 mm c.175pp

978-1-107-93385-2 Paperback

£14.99 / US\$19.99

UNDERSTANDING CHARLES DARWIN

Erik L. Peterson

University of Alabama

The legend of Charles Darwin has never been more alive or more potent, but by virtue of this, his legacy has become susceptible to myths and misunderstandings. *Understanding Charles Darwin* examines key questions such as what did Darwin's work change about the world? In what ways is 'Darwinism' reflective of Darwin's own views? What problems were left unsolved? In our elevation of Darwin to this iconic status, have we neglected to recognise the work of other scientists? The book also examines Darwin's struggle with his religious beliefs, considering his findings, and whether he was truly an atheist. In this engaging account, Peterson paints an intimate portrait of Darwin from his own words in private correspondence and journals. The result is the Darwin you never knew.

KEY FEATURES

- Provides a myth-busting account of five major misconceptions surrounding Darwin's work and his views
- Examines the use of Darwin and 'Darwinism' in the 20th century and today
- Part of the *Understanding Life* series, jargon-free and non-technical making it accessible to the non-expert

CONTENTS

Introduction: The legends of Charles Darwin;

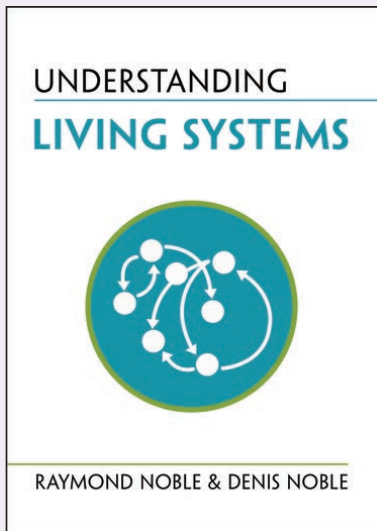
1. The evolutionary darwins, 1794–1835;
2. The truth about atolls;
3. London calling, 1836–1842;
4. Darwin-wallaceism;
5. '[T]his view of life, with its several powers';
6. Saint Charles's place;
7. The struggle is real;

Conclusion: The legend machine.

ADDITIONAL INFORMATION

Level: General readers, undergraduate students, graduate students

Series: [Understanding Life](#)



June 2023

178 x 127 mm 182pp

978-1-00-927736-5 Paperback

£14.99 / US\$19.99

UNDERSTANDING LIVING SYSTEMS

Raymond Noble

University College London

Denis Noble

University of Oxford

Life is definitively purposive and creative. Organisms use genes in controlling their destiny. This book presents a paradigm shift in understanding living systems. The genome is not a code, blueprint or set of instructions. It is a tool orchestrated by the system. This book shows that gene-centrism misrepresents what genes are and how they are used by living systems. It demonstrates how organisms make choices, influencing their behaviour, their development and evolution, and act as agents of natural selection. It presents a novel approach to fundamental philosophical and cultural issues, such as free-will. Reading this book will make you see life in a new light, as a marvellous phenomenon, and in some sense a triumph of evolution. We are not in our genes, our genes are in us.

KEY FEATURES

- Corrects fundamental misunderstandings about the role of genes in living systems. Organisms use genes functionally and are not controlled by them
- Explains why the gene-centric view of evolution is a mistake
- Presents a new understanding of how living systems function and evolve creatively

CONTENTS

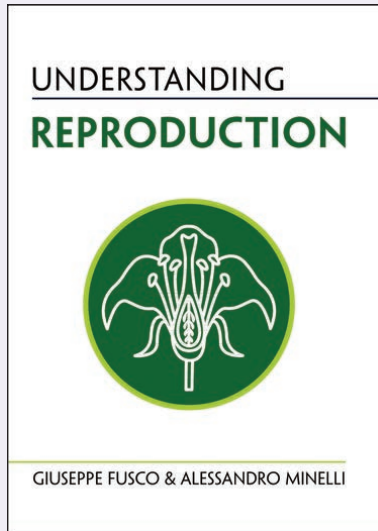
Part I. Introduction:

1. The gene delusion;
 2. Replication, reproduction and variation;
 3. What evolves?;
 4. Purpose in life;
 5. Cry of the wolf;
 6. Learning from the wood mouse;
 7. Artificial intelligence;
 8. Culture and cooperation;
 9. People of the forest summary of common misunderstandings;
- References and Further reading;
Figure credits;
Index.

ADDITIONAL INFORMATION

Level: General readers, graduate students, undergraduate students

Series: [Understanding Life](#)



August 2023

178 x 127 mm c.225pp

978-1-00-922593-9 Paperback

£14.99 / US\$19.99

UNDERSTANDING REPRODUCTION

Giuseppe Fusco

Università degli Studi di Padova, Italy

Alessandro Minelli

Università degli Studi di Padova, Italy

Our understanding of reproduction and reproductive processes is often biased towards the behaviour of organisms most familiar to us. As such, the amazing disparity of the phenomena of reproduction and sex is often overlooked. *Understanding Reproduction* addresses all the main facets of this large chapter of the life sciences, including discussions of asexual reproduction, parthenogenesis, sex determination, reproductive effort, and much more. The book features an abundance of examples from across the tree of life, including animals, plants, fungi, protists and bacteria. Written in an accessible and easy to digest style, overcoming the intimidating diversity of the technical terminology, this book will appeal to interested general readers, biologists, science educators, philosophers and medical doctors.

KEY FEATURES

- Covers a wealth of unexpected phenomena in the domain of sex and reproduction, discussing a number of issues that have previously been overlooked
- Features examples from across the tree of life, providing arguments to go beyond the narrow popular perspectives on sex and reproduction
- Identifies issues across the amazing disparity of reproductive phenomena, which are concisely explained and illustrated by examples from all the main branches of the tree of life

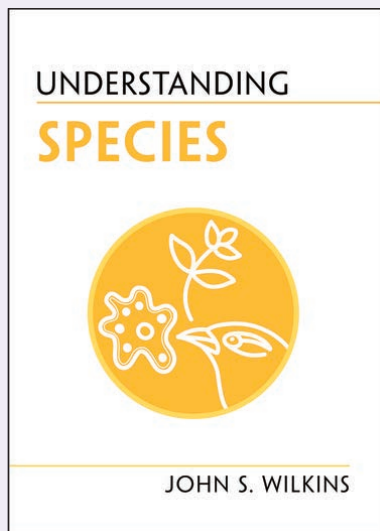
CONTENTS

1. Individuals and Reproduction;
 2. Reproduction in the Life Cycle;
 3. Reproduction Without Sex;
 4. Reproduction with Sex;
 5. Two-Parent Sexual Reproduction;
 6. One-Parent (or Nearly so) Sexual Reproduction;
 7. Development of Sexual Traits;
 8. Widening the View: Reproductive Strategies;
- Concluding Remarks: Difficult Boundaries.

ADDITIONAL INFORMATION

Level: General readers, graduate students, undergraduate students

Series: [Understanding Life](#)



April 2023

178 x 127 mm c.150pp

978-1-108-98719-6 Paperback

£14.99 / US\$19.99

UNDERSTANDING SPECIES

John S. Wilkins

University of Melbourne

Are species worth saving? Can they be resurrected by technology? What is the use of species in biomedicine? These questions all depend on a clear definition of the concept of 'species', yet biologists have long struggled to define this term. In this accessible book, John S. Wilkins provides an introduction to the concept of 'species' in biology, philosophy, ethics, policymaking and conservation. Using clear language and easy-to-understand examples throughout, the book provides a history of species and why we use them. It encourages readers to appreciate the philosophical depth of the concept as well as its connections to logic and science. For any interested reader, this short text highlights the complexities of a single idea in biology, the problems with the concept of 'species' and the benefits of it in helping us to answer the bigger questions and understand our living world.

KEY FEATURES

- Introduces the concept of 'species' using straightforward explanations and examples throughout
- Offers readers an insight into the impact and uses of the "species" concept in a range of fields, including conservation and biomedicine
- Provides a history of the idea, overturning many of the standard textbook accounts, so that readers appreciate the current debates over definitions and the philosophical and biological approaches to this concept.

CONTENTS

Foreword;
 Preface;
 1. How species matter;
 2. Classifying species;
 3. Making species;
 4. A short history of species and kinds;
 5. Philosophy and species;
 6. Finding species;
 7. Extinction, or how species are lost;
 8. The value of species;
 9. Replacing species;
 10. Conclusions and summary;
 Summary of misunderstandings of species;
 Readings;
 Figure credits;
 Index.

ADDITIONAL INFORMATION

Level: General readers, undergraduate students, graduate students

Series: [Understanding Life](#)

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UNDERSTANDING THE CHRISTIANITY- EVOLUTION RELATIONSHIP



MICHAEL RUSE

June 2023

178 x 127 mm c.225pp

978-1-00-927728-0 Paperback

£14.99 / US\$19.99

UNDERSTANDING THE CHRISTIANITY- EVOLUTION RELATIONSHIP

Michael Ruse

Florida State University

The relationship between science and religion is a topic that runs rife with misconceptions, misunderstandings and debates. Are science and religion always in conflict? Is Darwin's theory of evolution through natural selection atheistic? How does history shape current debates around science and religion? This book explores these questions in a neutral and balanced way, focusing on the Christianity-evolution relationship. It shows that two paradigms – the world as an organism and the world as a machine – have critically informed and guided the discussions. The author uses his deep understanding of the history and philosophy of science, particularly Darwinian evolutionary theory and its controversies through the past 150 years, to bring fresh ideas to the debate and to wider discussions such as environmental issues and hate. *Understanding the Christianity-Evolution Relationship* provides a lively and informative analysis and lays out multiple views so that readers can make their own judgements to increase their understanding.

KEY FEATURES

- Draws on philosophy, history, science and religion to bring new ideas to the science/religion debate
- Takes a balanced approach, considering both religious and scientific perspectives, so that readers can come to their own conclusions
- Uses the root metaphors of the world as an organism vs the world as a machine to inform and guide the reader's thinking on the Christianity-evolution relationship

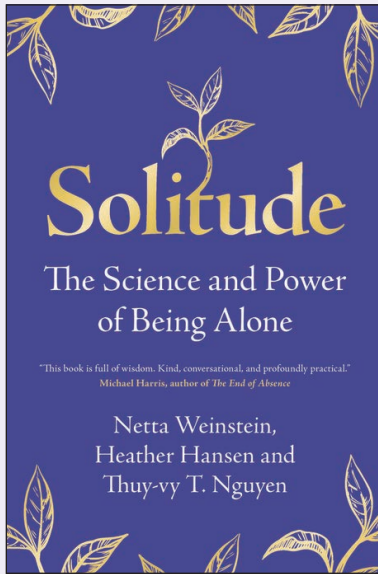
CONTENTS

Preface;
1. Rival paradigms;
2. The mechanists' god;
3. The organicists' god;
4. Humans;
5. Environment;
6. Hate;
Epilogue;
Common Misunderstandings;
Bibliography.

ADDITIONAL INFORMATION

Level: General readers, undergraduate students, graduate students

Series: [Understanding Life](#)



March 2024
 229 x 152 mm c.300pp
 978-1-00-925660-5 Hardback
 c. £20.00 / c. US\$24.95

SOLITUDE

The Science and Power of Being Alone

Netta Weinstein
 University of Reading

Heather Hansen
 University of Reading

Thuy-vy T. Nguyen
 Durham University

The average adult spends nearly one-third of their waking life alone. How do we overcome the stigma of solitude and find strength in going it alone? Whether we love it or try to avoid it, we can make better use of that time. The science of solitude shows that alone time can be a powerful space used to tap into countless benefits. Translating key research findings into actionable facts and advice, this book shows that alone time can boost well-being. From relaxation and recharging to problem solving and emotional regulation, solitude can benefit personal growth, contentment, creativity, and our relationships with ourselves and others. By learning what makes us better at spending time alone, you can use these principles to move toward your best possible self.

KEY FEATURES

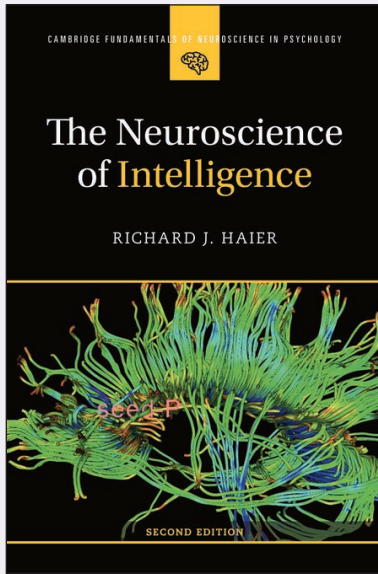
- Showcases different perspectives, traditions, stories, and research methods on solitude from people around the world
- Explains how we can balance our social and solo needs
- Clearly defines 'solitude' and demonstrates how it plays a role in the move toward our best possible selves
- Highlights some of the research conducted by the Solitude Lab and others before and during the COVID-19 pandemic
- Explores a wide range of topics connected to solitude, including but not limited to: creativity, anxiety, authenticity, ageing, and emotional regulation

CONTENTS

- A note to the reader;
 Introduction;
 1. Solitude is not just for hermits, poets, and billionaires;
 2. Everyday solitude for everyday people;
 3. What makes solitude great?;
 4. Mapping the benefits of solitude;
 5. What's choice got to do with it?;
 6. Balancing solitude with social time;
 7. Super/natural solitude;
 8. Finding your happy place in solitude;
 9. Can we get better at being alone?;
 10. Solitude across a lifetime.

ADDITIONAL INFORMATION

Level: General readers, academic researchers, graduate students



July 2023

229 x 152 mm c.332pp

978-1-108-92950-6 Paperback

£30.99 / US\$39.99

THE NEUROSCIENCE OF INTELLIGENCE

Second edition

Richard J. Haier

University of California, Irvine

This new edition provides an accessible guide to advances in neuroscience research and what they reveal about intelligence. Compelling evidence shows that genetics plays a major role as intelligence develops from childhood, and that intelligence test scores correspond strongly to specific features of the brain assessed with neuroimaging. In detailed yet understandable language, Richard J. Haier explains cutting-edge techniques based on DNA and imaging of brain connectivity and function. He dispels common misconceptions – such as the belief that IQ tests are biased or meaningless. Readers will learn about the real possibility of dramatically enhancing intelligence and the positive implications this could have for education and social policy. The text also explores potential controversies surrounding neuro-poverty, neuro-socioeconomic status, and the morality of enhancing intelligence for everyone.

KEY FEATURES

- Demonstrates that much of the controversy surrounding intelligence has in fact been resolved by modern neuroscience research
- Explains advanced concepts in a way that makes them accessible to readers without technical backgrounds
- Inspires a new optimism about intelligence and its role in readers' everyday lives

CONTENTS

Preface to first edition;

Preface to second edition;

1. What we know about intelligence from the weight of studies;
 2. Nature more than nurture: the impact of genetics on intelligence;
 3. Peeking inside the living brain: neuroimaging is a game change for intelligence research;
 4. 50 shades of gray matter: a brain image of intelligence is worth a thousand words;
 5. The holy grail: can neuroscience boost intelligence?;
 6. As neuroscience advances, what's next for intelligence research?;
- Glossary.

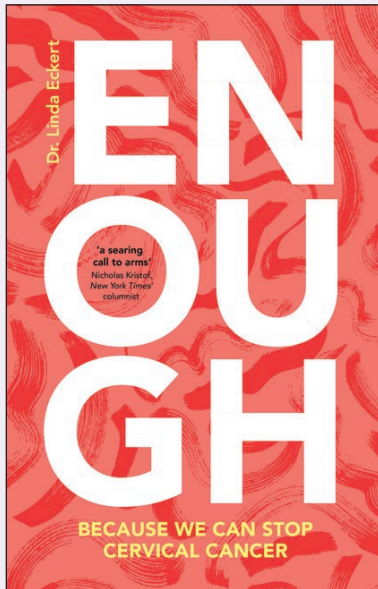
ADDITIONAL INFORMATION

Level: Graduate students, academic researchers

Series: [Cambridge Fundamentals of Neuroscience in Psychology](#)

Previous edition
sold in Turkish

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ENOUGH

Because We Can Stop Cervical Cancer

Linda Eckert

University of Washington

Cervical cancer kills almost 350,000 women each year. What's more horrifying, is that millions have died of this disease that's nearly 100% preventable. It's no secret that healthcare is full of inequities, with a severe lack of accessible screening programs. But women's health care is also impeded by cultural, gender, and political barriers, issues that have combined to create devastating consequences. A leading expert in cervical cancer prevention, Dr Linda Eckert takes her years of experience and weaves it together with the voices of the courageous women who use their own experience of cervical cancer to advocate for change. This heart-breaking, yet hopeful, book takes you through the world of cervical cancer with evidence-based information, personal stories and actionable outcomes. Society flourishes when women have access to safe and affordable healthcare. Together we can make this need a reality and eliminate the world's most preventable cancer.

October 2023

216 x 140 mm c.350pp

978-1-00-941265-0 Hardback

£20.00 / US\$24.95

KEY FEATURES

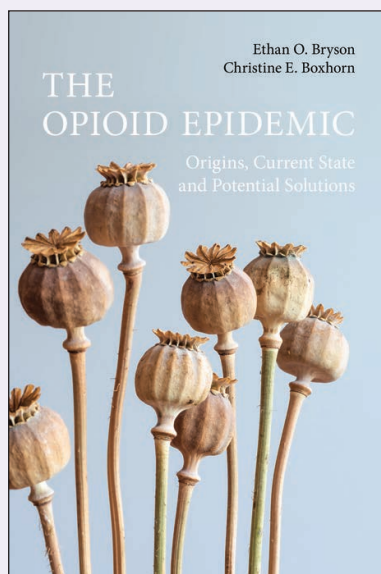
- Written by Dr Linda Eckert, an expert in gynecology, immunization and cervical cancer, the book is grounded in her decades of experience working with women around the world. Information is evidence-based but accessible as she explores the reasons for such a persistently high death toll and the barriers to changing it
- Stories told by survivors or patients' families paint a picture of the impact this deadly disease has on women and their communities. These powerful tales are both heartbreaking in their portrayal of loss, as well as passionate and optimistic in their advocacy for change
- An outlines of what steps need to be taken to improve access to safe and affordable healthcare for everyone with a cervix, as well as the societal benefits of doing so, this is a practical call to action. Shows readers myriad ways they can help in their own communities, and how men can dismantle wider patriarchal barriers and support the cause more broadly

CONTENTS

Introduction: The calling; **Part I.** A Preventable Cancer: 1. The potent promise and the rotten reality; 2. The vision; 3. Must we ask what a woman is worth?; **Part II.** The Science Behind Cervical Cancer: 4. The dangerous clout of a sexually transmitted virus; 5. The power of prevention; 6. The toll of treatment; 7. Gasoline on the fire: when HIV meets HPV; **Part III.** The Prevention Problem: 8. The deadly link between inequality and cervical cancer; 9. Losing the life lottery because of where you are born; 10. Sex, lies, and logistics: obstacles to vaccination beyond the marketplace; 11. Putting out the fires: obstacles to screening; 12. 'Dying inside': obstacles to treatment-and the catastrophic consequences; 13. What money cannot buy; **Part IV.** Getting to Enough: 14. A sea change starts with a ripple; 15. Wanted: men to champion the movement; 16. Join the collective cry of 'enough!'.

ADDITIONAL INFORMATION

Level: General readers, medical specialists/consultants



November 2023

234 x 156 mm 242pp

978-1-00-925657-5 Paperback

£19.99 / US\$24.99

THE OPIOID EPIDEMIC

Origins, Current State and Potential Solutions

Ethan O. Bryson

Icahn School of Medicine at Mount Sinai, New York

Christine E. Boxhorn

Medical College of Wisconsin, Milwaukee

Opioid misuse is now a worldwide epidemic and major public health issue with widespread implications. This fascinating book provides a collection of compelling arguments on how the course of the opioid epidemic can be changed. It offers an overview of the historical origins of opioid addiction, a summary of the current state of the worldwide epidemic and an examination of the likelihood of success for current and proposed solutions. Specific chapters focus on why some people are affected by addiction, the effect of policy and regulations, changing trends in opioid use, detoxification, the financial cost of addiction treatment, and proactive measures to prevent addiction. Drawing upon both past and current academic research as well as personal accounts, ideas and concepts are presented in a clear and accessible narrative. This book is a convenient single source of information for healthcare professionals, students and individuals personally affected by opioid addiction.

KEY FEATURES

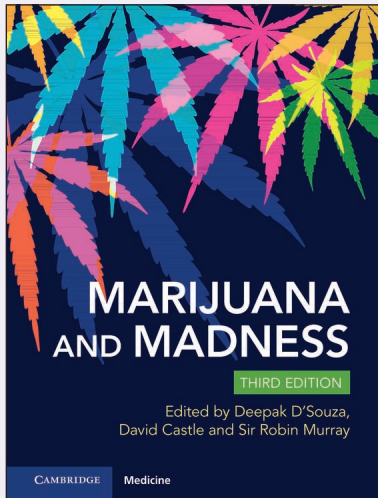
- Combines historical information with current statistics to inform solutions based on what does and what does not work, allowing readers to understand why some proposed solutions have failed in the past and why others are more likely to be successful
- Broadly comprehensive yet accessible, serving as a convenient and digestible single source for information
- Features a roadmap with links to external online resources for further information directing readers to more in-depth information or to contact relevant programs, groups, societies or services for help

CONTENTS

Foreword; Preface; **Part I.** The Origins of Addiction: 1. A Brief History of Opioid Misuse and Addiction; 2. Why Do Some People Become Addicted to Opioids while Others Don't?; 3. How Culture, Religion, and Society Impact Opioid Addiction; 4. The Effect of Policy and Governmental Regulations on the Opioid Epidemic; **Part II.** Recognizing That a Problem Exists: 5. Current Data and Worldwide Opioid Misuse Statistics; 6. Changing Trends in Opioid Misuse; 7. The Actual Cost of the Opioid Epidemic; 8. The Impact of the Opioid Epidemic on Healthcare Infrastructure; **Part III.** The Treatment Plan: 9. Detoxification: How Do We Get Ourselves Off Opioids?; 10. Outpatient Treatment Modalities; 11. The True Cost of Opioid Addiction Treatment; 12. Harm Reduction, Legal Issues, Drug Court and Other Alternatives to Discipline; **Part IV.** Recovery: 13. Stopping the Cycle of Relapse; 14. Re-thinking Anti-Drug Policies and Changing Drug Education; 15. Proactive Measures to Prevent Opioid Addiction; 16. Can We Make Opioid Use Less Dangerous?

ADDITIONAL INFORMATION

Level: Specialist medical trainees, medical interns, academic researchers



June 2023

15 b/w illus. 15 colour illus.
978-1-108-83783-5 Hardback
TBA / TBA

MARIJUANA AND MADNESS

Third edition

Deepak Cyril D'Souza

Staff Psychiatrist, VA Connecticut Healthcare System; Professor of Psychiatry, Yale University School of Medicine

David Castle

University of Tasmania, Australia

Sir Robin Murray

Honorary Consultant Psychiatrist, Psychosis Service at the South London and Maudsley NHS Trust; Professor of Psychiatric Research at the Institute of Psychiatry

An updated third edition of this award-winning book provides a comprehensive overview of the complex associations between cannabis and mental illness. Organised into easy to navigate sections, the book has been fully revised to feature eight entirely new chapters covering important novel aspects. Marijuana and Madness incorporates new research findings on the potential use of cannabinoids, and synthetic cannabinoids, in an array of mental illnesses, balanced against the potential adverse effects. The associations between cannabis and psychosis, developing putative models of 'cannabis induced' psychosis and pathways to schizophrenia are all covered. The book importantly discusses the impact of exposure to cannabis at various stages of neurodevelopment (in utero, in childhood, and during adolescence) and it thoroughly reviews the treatments for cannabis dependence and health policy implications of the availability of increasingly high potency cannabis. This book will quickly become an essential resource for all members of the mental health team.

KEY FEATURES

- A comprehensive and up-to-date resource for a rapidly advancing field, featuring contributions from an international line up of leading researchers and clinicians and incorporating a wealth of new information and research
- Presenting a multidimensional approach, it is of interest and relevance to a wide readership and offers a broad range of topics covering epidemiology, health policy, neuroscience and treatments
- The text is both accessible and easy to navigate, augmented by numerous tables, figures and 'fact boxes'

CONTENTS

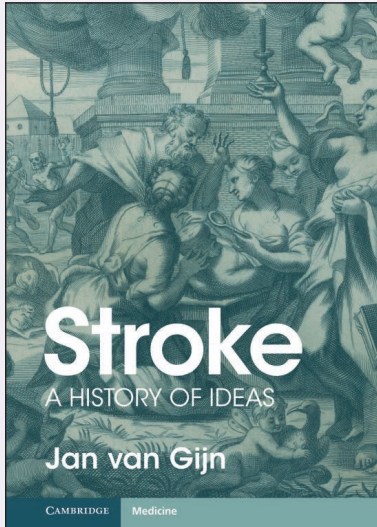
Part I. Pharmacology of Cannabis and the Endocannabinoid System: 1. How cannabis works in the brain; 2. The function of the endocannabinoid system; 3. Synthetic cannabinoids; **Part II.** The Changing Face of Cannabis: 4. The epidemiology of cannabis use and cannabis use disorder; 5. Is cannabis becoming more potent?; 6. Policy implications of the evidence on cannabis use and psychosis; **Part III.** Cannabis and the Brain: 7. The impact of pubertal exposure to cannabis on the brain: a focus on animal studies; 8. The impact of cannabis exposure on the adolescent brain: humans studies and translational insights; 9. Cannabis and cognition: an update on short- and long-term effects; 10. Is there a cannabis-associated psychosis subtype? Lessons from biological typing in the b-snip project, and implications for treatment; **Part IV.** Cannabis, Anxiety and Mood: 11. Cannabis and anxiety; 12. Cannabis consumption and risk of depression and suicidal behaviour; 13. Cannabis and bipolar disorder; **Part V.** Cannabis and Psychosis: 14. Cannabis and psychosis proneness; 15. Which cannabis users develop psychosis?; 16. Cannabis causes positive, negative, cognitive symptoms and produces impairments in electrophysiological indices of information processing; **Part VI.** Cannabinoids and Schizophrenia: Aetiopathology and Treatment Implications: 17. Does cannabis cause schizophrenia?; 18. Postmortem studies of the brain cannabinoid system in schizophrenia; 19. The endocannabinoid system in schizophrenia; 20. Cannabidiol as a potential antipsychotic; 21. Genetic explanations for the association between cannabis and schizophrenia; **Part VII.** Cannabis and its Impact on Schizophrenia: 22. Acute effects of cannabinoids in people with a psychotic illness; 23. Cannabis and the long-term course of schizophrenia; 24. Treating cannabis use in schizophrenia and other psychotic disorders; **Part VIII.** Special Topics: 25. Prenatal cannabis exposure: associations with development and behavior; 26. Cannabis use and violence; 27. Cannabis withdrawal; 28. Cannabis and addiction; 29. Tobacco use among cannabis users: insights into co-use and why it matters for people with psychosis; 30. Cannabis addiction genetics; 31. Snoozing on pot: cannabis and sleep; 32. Cannabinoids as medicines: what the evidence says and what it does not say.

ADDITIONAL INFORMATION

Level: Medical specialists/consultants, specialist medical trainees, medical interns

Previous editions
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July 2023

254 x 178 mm c.250pp

978-1-108-83254-0 Hardback

£64.99 / US\$84.99

STROKE

A History of Ideas

Jan van Gijn

Utrecht University Medical Centre

Stroke, as known today, is caused by occlusion or rupture of one or more blood vessels in the brain. Its manifestations were reported as long as medical records exist; sudden collapse, loss of movement and sensation, with preserved respiration and heart action. The book chronicles how ideas about events in the brain or its blood vessels evolved over 400 years. Starting with the revival of ancient medicine in the middle of the 16th century, the narrative ends in the 20th century, when techniques for brain scanning heralded the possibility of treatment for cerebrovascular disease. The narrative is exclusively based on primary sources and shows how this part of medical knowledge evolved, including byways and blind alleys. Frequent accounts from original sources assist the reader in following how clashes of opinions led to improved understanding, making this an indispensable reference for the history of stroke research.

KEY FEATURES

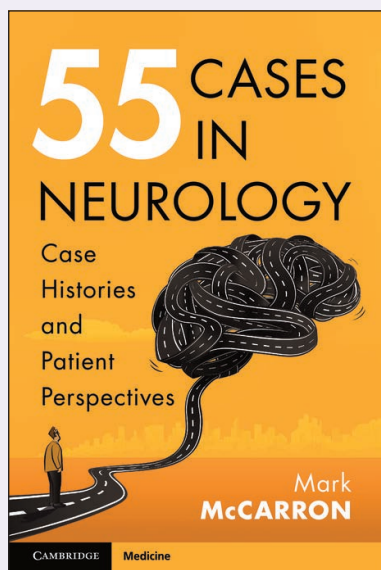
- Emphasises complete coverage of the history of stroke research and treatment, painting a true account that encompasses both the successes and the blind alleys that led to today's understanding of the condition
- Exclusively based on primary sources throughout the centuries and using citations translated by the author, readers will be sure in the knowledge that the book portrays events in the context in which they occurred
- Authored by eminent professor of neurology Jan van Gijn, this book is a comprehensive history of stroke from an authoritative figure in the field

CONTENTS

1. The ventricles (apoplexy in the 16th century);
2. The force of blood (apoplexy in the 17th century);
3. Congestion (apoplexy in the 'long 18th century');
4. Forgotten forms of apoplexy;
5. Haemorrhage;
6. Ramollissement;
7. Thrombosis and embolism;
8. No man's land: the neck arteries;
9. Lacunes;
10. Stroke warnings;
11. Saccular aneurysms;
12. Cerebral venous thrombosis.

ADDITIONAL INFORMATION

Level: Medical specialists/consultants, specialist medical trainees, medical students



July 2023

234 x 156 mm c.275pp

978-1-00-921411-7 Paperback

£29.99 / US\$39.99

55 CASES IN NEUROLOGY

Case Histories and Patient Perspectives

Mark McCarron

Ulster University

Written by a neurologist with 20 years of experience working in a general hospital, this engaging and informative book brings together 55 example cases from a general hospital setting with differential diagnoses. The case report format facilitates up to date management including modern neuroimaging, but also allows the reader to consider the potential diagnoses before turning the page to determine the correct diagnosis and treatment. The history, epidemiology as well as diagnostic criteria and management of specific neurological disorders are provided in an accompanying comment section. Unusual for a book of neurology, patients have had an opportunity to explain how neurological illness impacted their physical, psychological and social activities (provided by a relative/carer when the patient could not contribute). The themes provide a personal and truthful testament of the immediate and longer-term real-life impact of neurological illness, giving readers an insight into the effects of neurological diagnoses on their patients.

KEY FEATURES

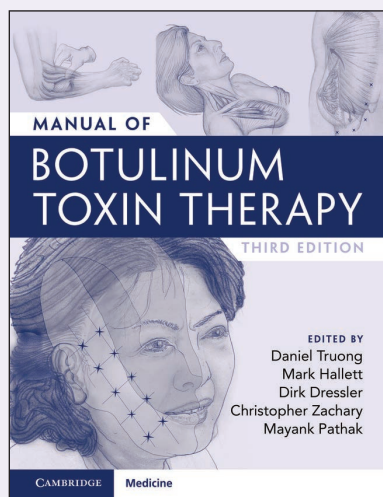
- Increasingly, neurologists in general hospital settings are having to treat rare and unusual disorders. Here, general neurologists will be shown up to date diagnostic and management strategies for disorders they may not have encountered previously
- The structure of each case report is standardised, allowing quick and easy access and retrieval of information by readers, as well as encouraging readers to consider differential diagnoses before revealing the correct diagnosis
- The inclusion of the patient's perspective in each case report supports the growing recognition of the impact that neurological disorders can have on the happiness and well-being of a patient and their family. Readers will expand their understanding of how they can better care for their patients and improve their experience during treatment

CONTENTS

Section I. Visual Disturbance; 1. Weight loss effects on vision and limbs; 2. Adult-onset visual loss; 3. A bee of a syndrome; 4. Multiple problems; 5. Chasing periorbital nerves; 6. High pressure; 7. Test characteristic limitations; 8. Temporary visual failure; 9. Chasing the clot; Section II. Headache and Pain: 10. Losing volume; 11. Where is the pus?; 12. Recurrent acute headaches; 13. A 'never' recurring event; 14. Headache and fever; 15. Brain infection; 16. Headache and droopy eye; 17. Facial somatic mosaicism; 18. An alarm clock headache; Section III. Weakness: 19. Bleeding brain; 20. A battery issue; 21. Symptoms took years to develop; 22. High-frequency improvement; 23. Singling out dermatomes; 24. Asthmatic neurology; 25. Neurological consequences of infection; 26. When speech and swallow fail; 27. Recurrent weakness; 28. Increasing golfing handicap; Section IV. Behavioural and Language Changes: 29. Emotional consequences; 30. Covalent cascade; 31. Progressive silence; 32. Personality change; 33. Evolving and changing neurology; Section V. Confusion: 34. Clouding of consciousness in hospital; 35. Leaky effects of rising pressure; 36. Smoking encephalopathy; 37. Losing running memories; Section VI. Movement Disturbances: 38. Involuntary arm movement; 39. Salt control; 40. A young man with more than dizziness; 41. Late Familial Falling; 42. Non-familial falling; 43. Shaking leg; 44. A viral opportunity; 45. More searching for causes of progressive unsteadiness; Section VII. Acute Onset of Neurological Symptoms: 46. A neurological miscarriage; 47. Am I repeating myself?; 48. A raspberry causing trouble; 49. Different spells; 50. Following the eyes; 51. Fuming loss of consciousness; 52. From skin to brain; 53. Self-tolerance failure; 54. Not a minor problem; 55. Seized; Index.

ADDITIONAL INFORMATION

Level: Specialist medical trainees, medical specialists/consultants



November 2023

280 x 216 mm c.439pp

978-1-00-909866-3 Hardback

£99.99 / US\$130.00

MANUAL OF BOTULINUM TOXIN THERAPY

Third edition

Daniel Truong
University of California, Riverside

Dirk Dressler
Hannover Medical School

Mark Hallett
National Institutes of Health (NIH)

Christopher Zachary
University of California, Irvine

Mayank Pathak
Truong Neuroscience Institute

Providing practical, visually oriented guidance on the benefits of botulinum toxin in a wide variety of disorders, some new and unexpected, this new edition of *Manual of Botulinum Toxin Therapy* is fully updated in scope and detail. Chapters discuss the pathophysiology of each condition, summarizing the rationale for botulinum toxin, and describing the injection approach. Clear illustrations of the injection sites are included, using a 'clinician's eye' perspective, which allows physicians to readily identify anatomical landmarks and approach angles for injection. Dosing tables for available toxin formulations are included. The Manual covers cosmetic treatment of the upper and lower face, as well as aesthetic smile correction. Extensive guidance on how to use ultrasound and how cadaveric dissections can assist localization and targeting of injections is provided. Designed for teaching and bedside guidance, the Manual is useful to a diverse range of clinicians looking to use botulinum toxin in their practice.

KEY FEATURES

- Chapters are authored by internationally renowned clinicians and investigators, ensuring content is cutting edge and valuable to professionals worldwide
- Clear and eye-catching illustrations show a 'clinician's eye view' of the injection procedure, allowing practitioners to readily identify anatomical landmarks and approach angles for injection
- Providing extensive instruction in the use of ultrasound, correlating probe positioning, on-screen image and illustrations or dissection photos of injection targets, readers will learn about the fastest growing modality for injection guidance

CONTENTS

1. The pretherapeutic history of botulinum neurotoxin; 2. Botulinum neurotoxin: History of clinical development; 3. Pharmacology of botulinum toxin therapy; 4. Immunological properties of botulinum neurotoxins; 5. Examination and treatment of complex cervical dystonia; 6. Visualization of ultrasound guided intramuscular injections in muscles relevant for cervical dystonia; 7. Ultrasound guidance for botulinum neurotoxin therapy: cervical dystonia; 8. Treatment of cervical dystonia; 9. Treatment of blepharospasm; 10. Botulinum neurotoxin in oromandibular dystonia; 11. Botulinum neurotoxin therapy of laryngeal muscle hyperactivity syndromes; 12. The use of botulinum neurotoxin in otorhinolaryngology; 13. Treatment of Hemifacial Spasm with Botulinum Toxin; 14. Botulinum toxin in treatment of tics; 15. The use of botulinum toxin in tremors; 16. The role of ultrasound for botulinum neurotoxin injection in childhood spasticity; 17. The use of botulinum neurotoxin in spastic infantile cerebral palsy; 18. The use of botulinum neurotoxin in spasticity using ultrasound guidance; 19. The use of botulinum toxin in spasticity; 20. Treatment of stiff-person syndrome with botulinum toxin; 21. Botulinum toxin in ophthalmology; 22. Cosmetic uses of botulinum neurotoxins for the upper face; 23. Botulinum toxin on the lower face; 24. Botulinum Toxin in the treatment of Gummy Smile; 25. Botulinum toxin for the breast; 26. Treatment of depression with botulinum toxin; 27. Hyperhidrosis Berthold: A treatment for ischemic digits and chronic pain; 28. Botulinum toxin in the treatment for ischemic digits and chronic pain; 29. Botulinum Toxin in Wound Healing; 30. Use of botulinum neurotoxin in neuropathic pain; 31. The Use of botulinum toxin in the management of headache disorders; 32. Use of Botulinum Toxin in Musculoskeletal Pain and Arthritis; 33. Treatment of plantar fasciitis/plantar fasciopathy with botulinum neurotoxins; 34. Use of botulinum toxin in the treatment of low back pain; 35. Use of botulinum neurotoxin in the treatment of piriformis syndrome; 36. Ultrasound guided botulinum toxin injections for thoracic outlet syndrome; 37. Botulinum neurotoxin in the gastrointestinal tract; 38. Botulinum neurotoxin applications in urological disorders; 39. Treatment of focal hand dystonia.

ADDITIONAL INFORMATION

Level: Medical specialists/consultants, specialist medical trainees

Previous editions
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February 2024

234 x 156 mm c.300pp

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c. £29.99 / c. US\$39.99

ACCELERATING DIAGNOSTICS IN A TIME OF CRISIS

The Response to COVID-19 and a Roadmap for Future Pandemics

Steven C. Schachter

Harvard Medical School

Wade E. Bolton

VentureWell/Rapid Acceleration of Diagnostics (RADx)

Those who responded to the COVID-19 pandemic have now had the opportunity to reflect on lessons learned, and in this science and data-rich book, those reflections are presented as a behind-the-scenes chronology of events and discoveries that occurred in COVID-19's wake. Offering a rubric for a future pandemic response, each chapter is written by experts, with their unique perspectives, experience, and learnings woven into visual roadmaps throughout the book. These roadmaps serve as a scaffolding upon which future healthcare leaders can build when creating, implementing and executing operational strategies in the face of future infectious disease outbreaks. Written for both lay and scientific audiences and featuring case studies which give clinical insight into the unique bond between COVID patients, their loved ones and their healthcare providers, this important book allows readers to leverage the knowledge of experts to improve the outcomes of future pandemics.

KEY FEATURES

- Provides guidance for future pandemic response in a visual format of roadmaps per chapter, displaying vital activities, their chronology, and an estimated timeframe
- Featuring broad and comprehensive coverage of the US national response to COVID-19 as captured by experts who were on the ground
- Case studies are used throughout, offering clinical insight into the unique bond between COVID patients, their loved ones, and their healthcare providers

CONTENTS

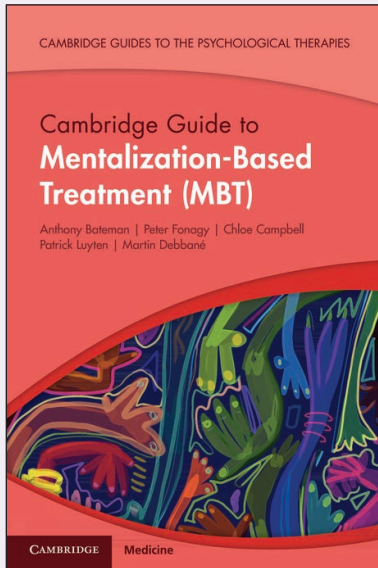
Introduction;

1. Early detection, response, and surveillance of the covid-19 pandemic crisis;
2. Immune system responses to SARS-CoV-2;
3. Clinical management: a roadmap for one nyc hospital's response to the covid-19 pandemic;
4. Contribution of radx to the rapid development and commercialization of covid-19 diagnostic assays;
5. Coordination of resources for the deployment of covid-19 diagnostic assays;
6. Quality and risk management processes for diagnostic assays during an emergency pandemic response;
7. Development of assays to diagnose covid-19;
8. Laboratory verification and clinical validation of covid-19 diagnostic assays;
9. Importance of timely sequencing, tracking and surveillance of emergent variants;
10. The RADx regulatory core and its role in covid-19 emergency use authorizations;
11. Commercialization and market assessment of covid-19 assays;
12. Testing strategies to mitigate covid-19 disease spread;
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CAMBRIDGE GUIDE TO MENTALIZATION-BASED TREATMENT (MBT)

Anthony Bateman

Anna Freud National Centre for Children and Families, London

Peter Fonagy

University College London

Chloe Campbell

University College London

Patrick Luyten

University College London

Martin Debbané

University College London

A complete and practical guide offering a concise overview of mentalization-based treatment (MBT) and its application in different situations and with different groups of patients to help improve the treatment of mental health disorders. Featuring an introduction to mentalizing and the evidence base to support it, followed by the principles of MBT and the basic clinical model in individual and group psychotherapy. Other chapters offer extensive clinical illustrations of the treatment of patients with depression, psychosis, trauma, eating disorders, and borderline, antisocial, narcissistic, and avoidant personality disorders. The final section outlines the application of mentalizing and MBT in different populations – children, adolescents, families, couples – and their use in different contexts – teams, schools, and care settings. Part of the Cambridge Guides to the Psychological Therapies series, offering all the latest scientifically rigorous and practical information on a range of key, evidence-based psychological interventions for clinicians.

KEY FEATURES

- Introduces the theory of mentalizing and mentalization-based treatment (MBT), simplifying the complexity of mentalizing and linking core concepts to clinical practice
- A step-by-step clinical guide to the implementation of MBT for a variety of psychiatric disorders that features vivid clinical examples from everyday practice and outlines the essential theoretical formulations using mentalizing as a framework, linking these to evidence-based clinical treatment
- Discusses mentalizing, MBT and its application in different groups and contexts, for example, in populations such as children, adolescents, families, and couples, and contexts such as schools and in emergency care

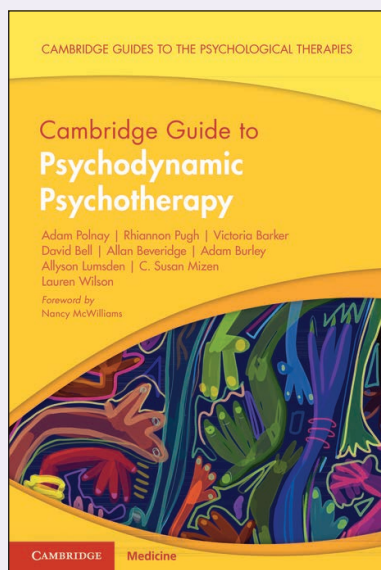
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Preface; **Part I.** An Overview of the Model: 1. A history of mentalizing and MBT; 2. The supporting theory of MBT; **Part II.** The MBT Model in Practice: 3. What is mentalization-based treatment?; 4. The clinical process of MBT – a step-by-step guide; 5. MBT Group (MBT-G); **Part III.** Application and Adaptations for Mental Health Presentations: 6. Narcissistic personality disorder; 7. Antisocial personality disorder; 8. Avoidant personality disorder; 9. Depression; 10. Psychosis; 11. Trauma; 12. Eating disorders; **Part IV.** Application of MBT in Different Populations and in Different Settings: 13. Working with children; 14. Working with adolescents; 15. Working with families; 16. Working with couples; 17. Mentalizing in other settings; 18. Mentalizing and emergency care.

ADDITIONAL INFORMATION

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CAMBRIDGE GUIDE TO PSYCHODYNAMIC PSYCHOTHERAPY

Adam Polnay

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British Psychoanalytic Society

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Royal College of Psychiatrists, London

Adam Burley

Simon Community Scotland, Glasgow

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NHS Greater Glasgow and Clyde

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Devon and Exeter NHS Foundation Trust, Exeter

Lauren Wilson

Royal Edinburgh Hospital, Edinburgh

A unique and accessible guide to contemporary psychodynamic therapy and its applications. An author line-up of experienced educators guide the reader through the breadth of psychodynamic concepts in a digestible and engaging way. The key applications of psychodynamic psychotherapy to a range of presentations are explored, including anxiety, depression, problematic narcissism as well as the dynamics of 'borderline' states. Specific chapters cover the dynamics of anger and aggression, and working with people experiencing homelessness. A valuable resource for novice and experienced therapists, presenting a clear, comprehensive review of contemporary psychodynamic theory and clinical practice. Highly relevant for general clinicians, third-sector staff and therapists alike, the authors also examine staff-client dynamics and the development of psychologically-informed services underpinned by reflective practice. Part of the Cambridge Guides to the Psychological Therapies series, offering all the latest scientifically rigorous, and practical information on a range of key, evidence-based psychological interventions for clinicians.

KEY FEATURES

- Discusses the various theoretical and practical dimensions of psychodynamic therapy but focuses on those particularly useful in clinical practice, capturing the depth of a psychodynamic approach whilst being highly readable and relevant to clinical work across a range of settings
- Explains psychodynamic terms and concepts clearly, using clinical examples throughout and including a glossary of terms and original illustrations
- Applies psychodynamic concepts to settings outside of specialist psychotherapy clinics – such as healthcare, secure facilities, homelessness services, education and social work – supporting staff and clinical teams with understanding the psychological dynamics (psychodynamics) of human relations and developing reflective practice

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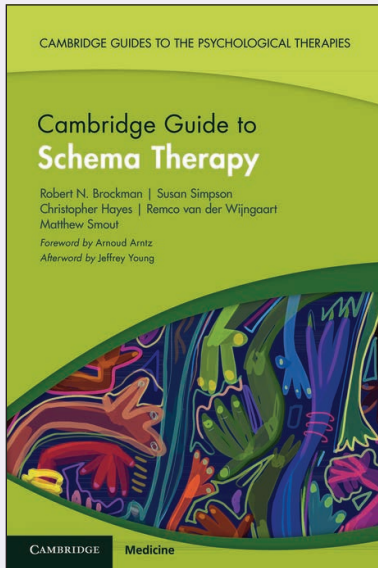
Foreword; Preface; Part 1. An Overview of the Model: 1. An Historical Overview of Psychodynamic Psychotherapy; 2. The Supporting Theory of Psychodynamic Psychotherapy; 3. A Brief Description of the Empirical Basis of Psychodynamic Psychotherapy; 4. An Outline of Psychodynamic Psychotherapy; Part 2. The Model of Psychodynamic into Practice: 5. Framing a psychodynamic space; 6. The Goals of Psychodynamic Psychotherapy; 7. The specific Techniques of Psychodynamic Psychotherapy; 8. The overall Structure of Psychodynamic Psychotherapy; 9. Psychological Assessment and Formulation in Psychodynamic Psychotherapy; 10. Some Reflections on the Supervisory Process; Part 3. Application for Mental Health Presentations; Applications of Psychodynamic Psychotherapy with accompanying Case Study description for each presentation; 11. Psychodynamic approaches to anxiety; 12. The psychodynamics of depressing/depressed states; 13. Dynamics of borderline states of mind; 14. Narcissistic difficulties, a transdiagnostic presentation requiring a system-wide approach; Part 4. Application of Psychodynamic Psychotherapy in Different Populations and in Different Settings; Beyond 1:1 therapy- working psychodynamically with clinicians, teams and organisations; 15. Applications of psychodynamic theory and principles outside of specialist psychotherapy settings; 16. An introduction to the dynamics of anger, aggression and violence; 17. Psychologically informed organisations and services; 18. Psychodynamic reflective practice groups; 19. Psychodynamic consultation to clinical teams; Other forms and settings of psychotherapeutic work; 20. A psychodynamic approach to working with people experiencing multiple exclusion homelessness; 21. Psychodynamic psychotherapy online and by phone; 22. Group analysis and its applications; Glossary of Terms.

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CAMBRIDGE GUIDE TO SCHEMA THERAPY

Robert N. Brockman

Australian Catholic University

Susan Simpson

NHS Forth Valley and University of South Australia

Christopher Hayes

Schema Therapy Institute Australia

Remco van der Wijngaart

International Society of Schema Therapy

Matthew Smout

University of South Australia

The book provides the reader with a thorough understanding of the model of Schema Therapy, methods and techniques used throughout the process of Schema Therapy treatment. Experienced trainers in Schema Therapy, the authors provide a unique understanding of the questions, challenges, and points of issue experienced by practitioners learning the model. Designed for the practitioner with a specific focus on the theory and practice of modern schema therapy, the book discusses the powerful techniques and cutting-edge developments of the Schema Therapy model, with step-by-step guidance and clinical examples. A comprehensive resource for both students and experienced practitioners providing valuable examples of the model in clinical practice and solutions to the challenges and questions practitioners face in applying the model. Part of the Cambridge Guides to the Psychological Therapies series, offering all the latest scientifically rigorous, and practical information on a range of key, evidence-based psychological interventions for clinicians.

KEY FEATURES

- Provides a thorough update on the most recent developments in schema therapy theory, practices, and research, complete with theoretical and clinical learning material and practical advice for the application of schema therapy techniques
- An overview of the application of schema therapy to a range of specific clinical groups (eating disorders, forensic populations and complex trauma) allows the reader to contextualise schema practice and learn how the principles and techniques can be applied in diverse practice settings
- Offers a level of depth and detail on key practice issues not covered elsewhere allowing for greater depth in knowledge and perspectives on how to approach many key issues novice schema therapists need to navigate

CONTENTS

Part I. Overview of the Schema Therapy Model: 1. From core emotional needs, to schemas, coping styles and schema modes: the conceptual model of schema therapy; 2. Research support for schema therapy; **Part II.** The Model of Schema Therapy into Practice: 3. Schema therapy assessment; 4. Case conceptualization and mode mapping in schema therapy; 5. Envisioning the road ahead: a model for the course of schema therapy; 6. Intervention strategies for schema healing 1: limited reparenting; 7. Intervention strategies for schema healing 2: cognitive strategies; 8. Intervention strategies for schema healing 3: experiential techniques; 9. Intervention strategies for schema healing 4: behavioural-pattern breaking techniques; 10. Building connection to healthy modes: the healthy adult and happy child modes; 11. Bypassing maladaptive coping modes and working with roadblocks to change; 12. Preparing for termination and the end-phase of schema therapy; **Part III.** Application and Adaptations for Mental Health Presentations: 13. Schema therapy for chronic depression and anxiety disorders; 14. Working with complex trauma and dissociation in schema therapy; 15. Schema therapy for eating disorders; **Part IV.** Application of Schema Therapy in Different Populations and Settings: 16. Schema therapy for forensic populations; 17. Group schema therapy; 18. Schema therapy for the schema therapist: improving therapist wellbeing and enhancing client outcomes through the awareness and healing of therapist schemas; 19. Supervision and the supervisory relationship in schema therapy; 20. Schema therapy in the online world; Epilogue: continuing the journey afterword from Jeffery Young, Ph.D., founder of schema therapy; Index.

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