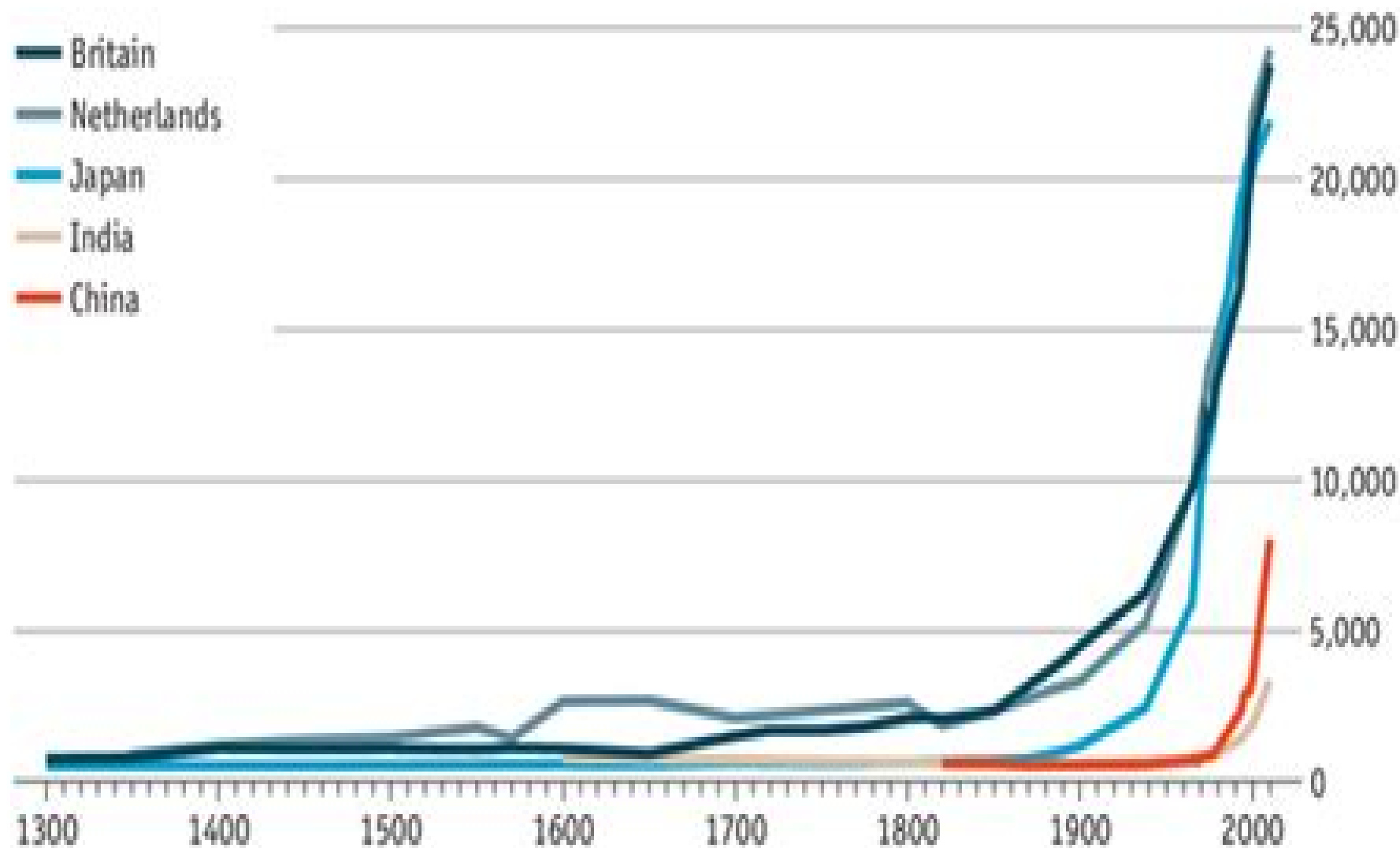


# The Great Divergence

GDP per person, 1990 constant \$



Source: Maddison Project

# The Great Divergence

**Ali-Abbas Punjani**



## **The Great Divergence:**

*The Great Divergence* Kenneth Pomeranz, 2021-04-13 A landmark comparative history of Europe and China that examines why the Industrial Revolution emerged in the West The Great Divergence sheds light on one of the great questions of history Why did sustained industrial growth begin in Northwest Europe Historian Kenneth Pomeranz shows that as recently as 1750 life expectancy consumption and product and factor markets were comparable in Europe and East Asia Moreover key regions in China and Japan were no worse off ecologically than those in Western Europe with each region facing corresponding shortages of land intensive products Pomeranz's comparative lens reveals the two critical factors resulting in Europe's nineteenth century divergence the fortunate location of coal and access to trade with the New World As East Asia's economy stagnated Europe narrowly escaped the same fate largely due to favorable resource stocks from underground and overseas This Princeton Classics edition includes a preface from the author and makes a powerful historical work available to new readers

*The Great Divergence* Christopher King, 2013-10-10 Essay from the year 2013 in the subject Politics Topic Globalization Political Economics grade 10 Indiana University Department of Political Science course Politics of International Development language English abstract Great Divergence is the term used to describe the economical asymmetry that happened between the West and other parts of the world To explain the process of the Great Divergence a two step analysis is necessary Why was Britain in the position to industrialize and why could the other parts of the world not follow the quest of Industrialization which led ultimately to the Great Divergence The Industrial Revolution in Britain and its diffusion to Western Europe was the single most important event for the Great Divergence to happen Britain had unique geopolitical contingencies on its side and was able to pull off the Industrialization due to the functionality of its centralized state and its achieved dominance in international trade Other parts of the world namely India and China did not industrialize because they lacked the incentives Britain had and in addition to that they were also held back by dynamics of colonialism or internal struggles The paper is structured in the following way After a brief prologue and a look at a contested issue in the field 2 the explanation will start out with processes and developments that were necessary in leading to the Industrial Revolution and Great Divergence 2.1 The next step is reserved for an in depth analysis of the Industrial Revolution in Britain contrasted with a look at reasons for a lack of such an event in India and China 2.2 By looking at the diffusion of Industrialization in the West and factors that prevented any sort of that in the East 2.3 an understanding of the Great Divergence will be provided and ultimately finalized and comprehensively summarized in the conclusion 3

**Great Divergence and Great Convergence** Leonid Grinin, Andrey Korotayev, 2015-05-09 This new monograph provides a stimulating new take on hotly contested topics in world modernization and the globalizing economy It begins by situating what is called the Great Divergence the social technological revolution that led European nations to outpace the early dominance of Asia in historical context over centuries This is contrasted with an equally powerful Great Convergence the

recent economic and technological expansion taking place in Third World nations and characterized by narrowing inequity among nations They are seen here as two phases of an inevitable global process centuries in the making with the potential for both positive and negative results This sophisticated presentation examines Why the developing world is growing more rapidly than the developed world How this development began occurring under the Western world's radar How former colonies of major powers grew to drive the world's economy Why so many Western economists have been slow to recognize the Great Convergence The increasing risk of geopolitical instability Why the world is likely to find itself without an absolute leader after the end of the American hegemony A work of rare scope Great Divergence and Great Convergence gives sociologists global economists demographers and global historians a deeper understanding of the broader movement of social and economic history combined with a long view of history as it is currently being made it also offers some thrilling forecasts for global development in the forthcoming decades

The Great Divergence Reconsidered Roman Studer, 2015 In stark contrast to popular narratives The Great Divergence Reconsidered shows that Europe's rise to an undisputed world economic leader was not the effect of the Industrial Revolution and cannot be explained by coal or colonial exploitation Using a wealth of new historical evidence stretching from the seventeenth to the twentieth century Roman Studer shows that this Great Divergence must be shifted back to the seventeenth century if not earlier Europe was characterized by a more powerful transportation system bigger trade flows larger and better integrated markets higher productivity levels and superior living standards even before the Industrial Revolution brought about far reaching structural changes and made Europe's supremacy even more pronounced While the comparison with Europe draws significantly on India the central conclusions seem to hold for Asia and indeed the rest of the world more generally An interplay of various factors best explains Europe's early and gradual rise including better institutions favorable geographical features increasing political stability and increasingly rapid advances in science and technology

**State, Economy and the Great Divergence** P. H. H. Vries, 2014 **State, Economy and the Great Divergence** Peer Vries, 2015-02-26 State Economy and the Great Divergence provides a new analysis of what has become the central debate in global economic history the great divergence between European and Asian growth Focusing on early modern China and Western Europe in particular Great Britain this book offers a new level of detail on comparative state formation that has wide reaching implications for European Eurasian and global history Beginning with an overview of the historiography Peer Vries goes on to extend and develop the debate critically engaging with the huge volume of literature published on the topic to date Incorporating recent insights he offers a compelling alternative to the claims to East West equivalence or Asian superiority which have come to dominate discourse surrounding this issue This is a vital update to a key issue in global economic history and as such is essential reading for students and scholars interested in keeping up to speed with the on going debates

The Economies of Imperial China and Western Europe Patrick Karl O'Brien, 2020-10-14 This book is a critical interpretation of a seminal and protracted debate in

comparative global economic history Since its emergence in now classic publications in economic history between 1997 2000 debate on the divergent economic development that has marked the long term economic growth of China and Western Europe has generated a vast collection of books and articles conferences networks and new journals as well as intense interest from the media and educated public O'Brien provides an historiographical survey and critique of Western views on the long run economic development of the Imperial Economy of China a field of commentary that stretches back to the Enlightenment The book's structure and core argument is concentrated upon an elaboration of and critical engagement with the major themes of recent academic debate on the Great Divergence and it will be of enormous interest to academics and students of economic history political economy the economics of growth and development state formation statistical measurements environmental history and the histories of science and globalization

**The Great Divergence** Timothy Noah, 2012-04-24 For the past three decades America has steadily become a nation of haves and have nots Our incomes are increasingly unequal This steady growing apart is often mentioned as a troubling indicator by scholars and policy analysts though seldom addressed by politicians What economics Nobelist Paul Krugman terms the Great Divergence has till now been treated as little more than a talking point a rhetorical club to be wielded in ideological battles But this Great Divergence may be the most important change in this country during our lifetimes a drastic elemental change in the character of American society and not at all for the better The inequality gap is much more than a left right hot potato its causes and consequences call for a patient non partisan exploration Timothy Noah's *The Great Divergence* based on his award winning series of articles for *Slate* surveys the roots of the wealth gap drawing on the best thinking of contemporary economists and political scientists Noah also explores potential solutions to the problem and explores why the growing rich poor divide has sparked remarkably little public anger in contrast to social unrest that prevailed before the New Deal The Great Divergence is poised to be one of the most talked about books of 2012 a jump start to the national conversation about the shape of American society in the 21st century and a work that will help frame the debate in a Presidential election year

**Japan and the Great Divergence** Penelope Francks, 2016-10-15 This text offers an accessible guide to the ways in which our growing knowledge of development in early modern and modernising Japan can throw light on the paths that industrialisation was eventually to take across the globe It has long been taken as read that the industrial revolution was the product of some form of European superiority dating back to at least early modern times In *The Great Divergence* Kenneth Pomeranz challenged this assumption on the basis of his evidence that parts of eighteenth century China were as well placed as northern Europe to achieve sustained economic growth thus igniting what has been called the single most important debate in recent global history Japan as the only non Western country to experience significant industrialisation before the Second World War ought to provide crucial and intriguing evidence in the debate but analysis of the Japanese case in such a context has remained limited This work suggests ways of re interpreting Japanese economic history in the light of the debate so arguing that global

historians and scholars of Japan have in fact much to say to each other within the comparative framework that the Great Divergence provides      *The causes of "The Great Divergence"* Ali-Abbas Punjani,2013-05-24 Essay from the year 2010 in the subject Economics Macro economics general grade A University of Warwick course Economics language English abstract In this essay I aim to investigate two theories of economic growth of the western world the development of institutions and the exploitation of the periphery This may give us some indication of the causes of The Great Divergence and suggest methods by which growth of other less developed countries can be accelerated      **Rethinking the Great Transition** Peter L.

Larson,2022 This case study of two rural parishes in County Durham England provides an alternate view on the economic development involved in the transition from medieval to modern partly explaining England s rise to global economic dominance in the seventeenth century Coal mining did not come to these parishes until the nineteenth century these are an example of agrarian expansion Low population favourable seigniorial administration and a commercialised society saw the emergence of large farms on the bishopric of Durham soon after the Black Death these secure copyhold and leasehold tenures were among the earliest known in England Individualism developed within a strong parish and village community that encouraged growth while enforcing conformity tenants had freedom to farm as they wished within limits Along with low rents this allowed for a swift expansion of agricultural production in the sixteenth century as population rose and then as the coal trade expanded rapidly The prosperity of these men is reflected in their lands livestock and consumer goods Yet not all shared in this prosperity as the poor and landless increased in number simply by population growth Through reformation and rebellion these and other parishes prospered without experiencing severe disruption or destruction In north eastern England agrarian development was an evolution and not a revolution This study shows England s economic development as a single narrative woven together from a collection of regional experiences at different times and at different speeds      **Global**

**Scientific Practice in an Age of Revolutions, 1750-1850** Patrick Manning,Daniel Rood,2016-09-27 The century from 1750 to 1850 was a period of dramatic transformations in world history fostering several types of revolutionary change beyond the political landscape Independence movements in Europe the Americas and other parts of the world were catalysts for radical economic social and cultural reform And it was during this age of revolutions an era of rapidly expanding scientific investigation that profound changes in scientific knowledge and practice also took place In this volume an esteemed group of international historians examines key elements of science in societies across Spanish America Europe West Africa India and Asia as they overlapped each other increasingly Chapters focus on the range of participants in eighteenth and nineteenth century science their concentrated effort in description and taxonomy and advances in techniques for sharing knowledge Together contributors highlight the role of scientific change and development in tightening global and imperial connections encouraging a deeper conversation among historians of science and world historians and shedding new light on a pivotal moment in history for both fields      Averting a Great Divergence Peer Vries,2019-08-08 The most significant debate in

global economic history over the past twenty years has dealt with the Great Divergence the economic gap between different parts of the world Thus far this debate has focused on China India and north western Europe particularly Great Britain This book shifts the focus to ask how Japan became the only non western country that managed at least partially to modernize its economy and start to industrialize in the 19th century Using a range of empirical data Peer Vries analyses the role of the state in Japan s economic growth from the Meiji Restoration to World War II and asks whether Japan s economic success can be attributed to the rise of state power Asserting that the state s involvement was fundamental in Japan s economic catching up he demonstrates how this was built on legacies from the previous Tokugawa period In this book Vries deepens our understanding of the Great Divergence in global history by re examining how Japan developed and modernized against the odds

**Evidence-based Unified Growth Theory Vol.2** Ron W. Nielsen, 2018-12-15 Unified Growth Theory published by Oded Galor is called unified because it puts together earlier attempts to explain the historical economic growth and the historical growth of population These attempts were made over many years and by now they form the established knowledge in economics and in demography Unfortunately the past research was difficult because 1 access to data was strongly limited and 2 growth turns out to be represented by strongly deceptive distributions They create an illusion of stagnation followed by a sudden explosion while in fact they increase monotonically all the time and there is no sudden transition from a slow to fast growth Data represented by these distributions have to be carefully and methodically analysed otherwise conclusions are based on illusions Galor was in a far better position than many of the past researchers because he had access to superb and extensive sets of data made available by the world renowned economist Angus Maddison These data describe economic growth and the growth of population global regional and even in individual countries They are a rich source of information which Galor failed to use He made no attempt to analyse them There is no explanation for his neglect to analyse data mathematically because 1 he uses mathematics in his theory and thus he is familiar with mathematical procedures and 2 because trajectories describing growth of population and economic growth while being deceptive are trivially easy to analyse No great skill is needed to analyse these distributions Indeed there is even no need to analyse them mathematically Reliable conclusions can be reached just by using different plots of data However mathematical analysis which is simple and easy helps in a better understanding of the mechanism of growth Galor ignored also the earlier evidence published in 1960 that the growth of population during the AD section of time was hyperbolic Using this information the obvious next step would be to check whether the same type of growth is applicable to the economic growth Rather than using the previously published evidence he systematically presented data in a suitably distorted way to support preconceived ideas He could have made an important discovery but he did not His theory presents nothing new It is just a repetition of old interpretations of the growth of population and of economic growth incorrect interpretations because they are contradicted by data Unified Growth Theory is repeatedly contradicted even by the same data which were used during its formulation The presented here Evidence based

Unified Growth Theory is firmly supported by a rigorous mathematical analysis of data describing economic growth and the growth of population. It is also called unified because it presents a unified explanation of the growth of population and of economic growth in the past 2 000 000 years. The terms Malthusian stagnation, Malthusian regime, and Malthusian trap will be used in the presented here discussion, but it should be remembered that they are incorrect because Malthus never claimed that his positive checks were causing stagnation or creating a certain regime of growth or a trap. On the contrary, he observed that they stimulated growth and he even suggested that this curious phenomenon should be further investigated. Unfortunately, his observation was ignored; dubious concepts were later introduced, and the name of Malthus was questionably attached to them, which Malthus would probably not approve. These phrases are used only because in this form they are repeatedly used in the published literature.

This book is a compilation of my articles describing the investigation of the growth of population and of economic growth. I start by showing why the established knowledge is scientifically unacceptable. I follow this chapter by the introduction of a simple method of reciprocal values, which makes the analysis of hyperbolic distributions trivially simple. These two introductory chapters are followed by the explanation how the Unified Growth Theory is contradicted by data. These chapters are in turn followed by a detailed study of the growth of human population and of economic growth in the past 2 000 000 years, by the discussion of earlier attempts to explain the mechanism of hyperbolic growth, by the examination of the impacts of Malthusian positive checks, by the examination of impacts of demographic catastrophes, by the examination of the relation between the growth rate and growth trajectories, the essential step leading to the explanation of the mechanism of growth, by the formulation of the general law of growth, and by the explanation of the mechanism of the hyperbolic growth of human population and of the economic growth.

**China and the Silk Roads (ca. 100 BCE to 1800 CE)** Angela Schottenhammer, 2023-09-14. The book investigates China's relations to the outside world between ca. 100 BCE and 1800 CE. In contrast to most histories of the Silk Roads, the focus of this book clearly lies on the maritime Silk Road and on the period between Tang and high Qing, selecting aspects that have so far been neglected in research on the history of China's relations with the outside world. The author examines, for example, the issue of imperialism in imperial China, the specific role of Manchu frontier tribal troops during Song times, the interrelationship between maritime commerce, military expansion, and environmental factors during the Yuan, the question of whether or not early Ming China can be considered a proto-colonialist country, the role of force and violence played during the Zheng He expeditions, and the significance the Asia-Pacific world possessed for late Ming and early Qing rulers.

**Aviation Law and Governance** Jędrzej Górski, Yun Zhao, 2025-02-04. Exploring the intricate relationship between law, economics, and global politics, this book examines the regulatory environment of the aviation industry. Tracing the historical development of aviation law, the book has a particular focus on how economic polycentrism and the liberal international economic order have influenced the sector's regulatory framework. It discusses the aviation industry's responses to unforeseen global events such



as the COVID 19 pandemic and geopolitical conflicts providing a detailed analysis of the legal mechanisms that ensure industry stability and resilience Key topics include the role of arbitration in resolving disputes the impact of international regulations and the critical contributions of both public and private actors in shaping aviation law Additionally the book explores the challenges posed by new and emerging technologies such as the increasing automation in aviation systems and the legal considerations surrounding cybersecurity in aviation operations The collection also features diverse international case studies offering practical examples of legal challenges and solutions in different contexts By examining the intersection of various legal disciplines and the global nature of aviation this comprehensive exploration not only reflects on past and present challenges but also provides forward looking insights into the future of aviation law The book will be of interest to researchers in the field of air transport law and dispute resolution offering a thorough understanding of the legal and economic complexities facing the industry today

**A History of Global Consumption** Ina Baghdiantz McCabe, 2014-08-27  
In *A History of Global Consumption 1500-1800* Ina Baghdiantz McCabe examines the history of consumption throughout the early modern period using a combination of chronological and thematic discussion taking a comprehensive and wide reaching view of a subject that has long been on the historical agenda The title explores the topic from the rise of the collector in Renaissance Europe to the birth of consumption as a political tool in the eighteenth century Beginning with an overview of the history of consumption and the major theorists such as Bourdieu Elias and Barthes who have shaped its development as a field Baghdiantz McCabe approaches the subject through a clear chronological framework Supplemented by illustrations in every chapter and ranging in scope from an analysis of the success of American commodities such as tobacco sugar and chocolate in Europe and Asia to a discussion of the Dutch tulip mania *A History of Global Consumption 1500-1800* is the perfect guide for all students interested in the social cultural and economic history of the early modern period

**From the Great Divergence to South-South Divergence** Ewout Frankema, 2023 The Great Divergence debate has been the leading dialogue in economic history in the past 25 years This review article explores new comparative horizons in global economic history I argue that questions of South-South Divergence form a logical and timely extension to the Great Divergence research agenda Asia's economic renaissance did not only put an end to a century spanning process of widening global income disparities it also set a new process of divergence within the global South in motion Deeper understandings of the historical nature and origins of this transition are pertinent in light of the increasing demographic and economic weight of the global South South-South comparisons also offer an opportunity to counter the dominance of Western centered and North-South perspectives and incentivize economic historians to develop new approaches and theories that go beyond mainstream concepts designed by development economists and political scientists I argue that these novel approaches will have to grapple with the opportunities and constraints to late development shaped by the globalized post colonial and closed frontier world order of the late 20th and early 21st century

*How Europe Made the Modern World* Jonathan

Daly, 2019-10-03 One thousand years ago a traveler to Baghdad or the Chinese capital Kaifeng would have discovered a vast and flourishing city of broad streets spacious gardens and sophisticated urban amenities meanwhile Paris Rome and London were cramped and unhygienic collections of villages and Europe was a backwater How then did it rise to world preeminence over the next several centuries This is the central historical conundrum of modern times How Europe Made the Modern World draws upon the latest scholarship dealing with the various aspects of the West's divergence including geography demography technology culture institutions science and economics It avoids the twin dangers of Eurocentrism and anti Westernism strongly emphasizing the contributions of other cultures of the world to the West's rise while rejecting the claim that there was nothing distinctive about Europe in the premodern period Daly provides a concise summary of the debate from both sides whilst also presenting his own provocative arguments Drawing on a wide range of primary and secondary sources and including maps and images to illuminate key evidence this book will inspire students to think critically and engage in debates rather than accepting a single narrative of the rise of the West It is an ideal primer for students studying Western Civilization and World History courses

**Katoen** Sven Beckert, 2016-09-12 Welke goederen drijven de wereldgeschiedenis Suiker was de spil van de achttiende eeuw terwijl de economie van de twintigste en eenentwintigste eeuw grotendeels lijkt te worden gestuurd door olie In zijn belangrijke nieuwe boek Katoen de opkomst van de moderne wereldeconomie stelt historicus Sven Beckert in een even uitgebreide als kleurrijke geschiedschrijving dat katoen de drijvende kracht achter de industriële revolutie van de negentiende eeuw is geweest De welvaart in de katoenindustrie hing nauw samen met de opkomst van het moderne kapitalisme De grote winst die met deze grondstof te behalen viel zorgde voor een continue strijd tussen slaven planters handelslieden politici arbeiders en fabrikanten De handel zorgde voor grote welvaartsgroei maar ook voor stuitende economische ongelijkheid Zo kreeg het kapitalisme door de katoenindustrie in zeer korte periode een heel ander gezicht Sven Beckert laat op briljante en caleidoscopische wijze zien hoe tekenend deze omwenteling is geweest voor de wereld waarin we nu leven

This book delves into The Great Divergence. The Great Divergence is a crucial topic that must be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into The Great Divergence, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:

- Chapter 1: Introduction to The Great Divergence
- Chapter 2: Essential Elements of The Great Divergence
- Chapter 3: The Great Divergence in Everyday Life
- Chapter 4: The Great Divergence in Specific Contexts
- Chapter 5: Conclusion

2. In chapter 1, the author will provide an overview of The Great Divergence. This chapter will explore what The Great Divergence is, why The Great Divergence is vital, and how to effectively learn about The Great Divergence.
3. In chapter 2, this book will delve into the foundational concepts of The Great Divergence. This chapter will elucidate the essential principles that need to be understood to grasp The Great Divergence in its entirety.
4. In chapter 3, the author will examine the practical applications of The Great Divergence in daily life. The third chapter will showcase real-world examples of how The Great Divergence can be effectively utilized in everyday scenarios.
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6. In chapter 5, this book will draw a conclusion about The Great Divergence. This chapter will summarize the key points that have been discussed throughout the book.

The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of The Great Divergence.

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### **The Great Divergence Introduction**

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water and carbon dioxide 2 write down the number of atoms per element

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