
Histoire Des Techniques Technique Et Civilisation

Histoire des techniques
 First International Conference of Economic History / Première Conférence internationale d'histoire économique
 Index of NLM Serial Titles
 The Oxford Handbook of Industrial Policy
 Gutenberg's Europe
 Socio-informatics
 French Studies in the Philosophy of Science
 A History of Everyday Things
 The Contamination of the Earth
 Disruptive Technology and Defence Innovation Ecosystems
 Modernity, Frontiers and Revolutions
 Greek and Roman Technology: A Sourcebook
 Science and Civilisation in China, Part 2, Agriculture
 Transitioning to a Post-Carbon Society
 The Innovation Journey of Wi-Fi
 The Mechanical Tradition of Hero of Alexandria
 History of Technology Volume 15
 Une histoire des techniques
 Organon
 World Industrialization
 Fachsprachen / Languages for Special Purposes. 2. Halbband
 Histoire des techniques
 Innovation, Between Science and Science Fiction
 Structural Analysis and the Process of Economic Development
 Recursivity and Contingency
 Histoire des techniques
 Urban Craftsmen and Traders in the Roman World
 Economics of Technological Change I
 Blockchain
 Dynamics and Terminology
 Bringing in the Sheaves
 The Cultural Transmission of Artefacts, Skills and Knowledge
 Creating Shapes in Civil and Naval Architecture
 Thinking Through Technology
 Colouring Textiles
 French Philosophy of Technology
 Fourth International Conference of Economic History, Bloomington 1968 / Quatrième Conférence Internationale d' Histoire Économique
 Urban Planning in the Digital Age
 Science and Civilisation in China: Spagyric discovery and invention : magisteries of gold and immortality
 Elements for an Anthropology of Technology

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Technique Et Civilisation

XIMENA LACEY

Histoire des techniques Bloomsbury Publishing

Wi-Fi has become the preferred means for connecting to the internet - at home, in the office, in hotels and at airports. Increasingly, Wi-Fi also provides internet access for remote communities where it is deployed by volunteers in community-based networks, by operators in 'hotspots' and by municipalities in 'hotzones'. This book traces the global success of Wi-Fi to the landmark change in radio spectrum policy by the US FCC in 1985, the initiative by NCR Corporation to start development of Wireless-LANs and the drive for an open standard IEEE 802.11, released in 1997. It also singles out and explains the

significance of the initiative by Steve Jobs at Apple to include Wireless-LAN in the iBook, which moved the product from the early adopters to the mass market. The book explains these developments through first-hand accounts by industry practitioners and concludes with reflections and implications for government policy and firm strategy.

First International Conference of Economic History / Première Conférence internationale d'histoire économique Oxford University Press
 The annual harvesting of cereal crops was one of the most important economic tasks in the Roman Empire. Not only was it urgent and critical for the survival of state and society, it mobilized huge numbers of men and women every year from across the whole face of the Mediterranean. In *Bringing in the Sheaves*, Brent D. Shaw

investigates the ways in which human labour interacted with the instruments of harvesting, what part the workers and their tools had in the whole economy, and how the work itself was organized. Both collective and individual aspects of the story are investigated, centred on the life-story of a single reaper whose work in the wheat fields of North Africa is documented in his funerary epitaph. The narrative then proceeds to an analysis of the ways in which this cyclical human behaviour formed and influenced modes of thinking about matters beyond the harvest. The work features an edition of the reaper inscription, and a commentary on it. It is also lavishly illustrated to demonstrate the important iconic and pictorial dimensions of the story.

[Index of NLM Serial Titles](#) Walter de Gruyter GmbH & Co KG

Comment pourrions-nous assurer la maîtrise de la technique sans en connaître l'histoire ? Pour la mettre à la portée de tous, le présent ouvrage propose, concernant six grandes périodes, une vision synthétique, puis la présentation d'un objet et d'un personnage emblématiques. Ainsi le moulin à eau vient-il illustrer les techniques médiévales, le rivet la civilisation industrielle et le drone la technologie contemporaine, comme Héron d'Alexandrie représente les innovateurs de l'Antiquité, Jacques Vaucanson ceux de l'âge classique et les laboratoires Bell ceux des Temps modernes. La clarté de son écriture, ainsi que ses très nombreux tableaux et illustrations, font de ce livre une excellente initiation à un domaine essentiel. Bruno Jacomy Directeur scientifique du musée des Confluences à Lyon, il fut responsable scientifique de la rénovation du musée des Arts et Métiers, à Paris. Ingénieur de formation, il enseigne l'histoire des techniques et la muséologie scientifique et technique.

The Oxford Handbook of Industrial Policy BRILL

Cette synthèse ne fait pas double emploi avec les autres grandes histoires des techniques. Elle met en effet l'accent sur la notion de système technique, "ensemble cohérent de structures compatibles les unes avec les autres". La première partie, intitulée "Techniques et civilisations", est conçue selon un plan chronologique. De système en système, elle rend compte des étapes du progrès technique. La seconde partie introduit le progrès technique dans un certain nombre de disciplines représentant les autres activités humaines : la géographie, la science, le langage, la politique, etc. Une bibliographie succincte accompagne chaque chapitre. On trouve, à la fin du volume, un tableau synchronique, des index et des tables qui facilitent grandement les recherches. Quinze ans d'efforts ont été nécessaires à Bertrand Gille pour mener à bien ce travail remarquable.

Gutenberg's Europe Springer

Colouring Textiles is an attempt to provide a new cross-cultural comparative approach to the art of dyeing and printing with natural dyestuffs in the eighteenth and nineteenth centuries. Divided into thematic chapters, it uncovers new data from the vast historical heritage of natural dyestuffs from a range of European cities, to present new historiographic insights for the understanding of this technology. Through a sort of anatomic dissection, the book explores the study and cultivation of dye-plants in botanical gardens and

plantations, and the tacit values hidden in dyeing workshops, factories, laboratories, or national and international exhibitions. It metaphorically submits the natural dyestuffs of the eighteenth and nineteenth centuries to a series of systematic historical tests, and traces back the circulation of those sources of colours through colonial spaces, dye works, cross-cultural networks, schools of artistic design, and science-based industries for the making of synthetic colorants. Colouring Textiles contributes to a better understanding of the role of natural dyestuffs in the processes of industrialization in Western Europe. Audience: Historians of science and technology, historians of chemistry, philosophers, economic historians, professional chemists, arts and crafts historians, and cultural anthropologists. *Socio-informatics* John Wiley & Sons Fantasy and science fiction are both involved in the process of innovation in techno-scientific societies. Long regarded as a hindrance to rationality, and to science, science fiction has become the object of praise in recent decades. Innovative organizations use science fiction to stimulate the creativity of their teams, and more and more entrepreneurs are using its influence to develop innovation. Scientific practice relies in part on an imaginary dimension. The mapping of the technical imagination of science fiction has become an important strategic issue, as has its patentability. The conquest of space, the construction of cyberspace and virtual reality, biotechnologies and nanotechnologies are all at the center of futuristic fictions that participate in scientific speeches and discoveries.

French Studies in the Philosophy of Science Oxford University Press

This introduction to the philosophy of technology discusses its sources and uses. Tracing the changing meaning of "technology" from ancient times to the modern day, it identifies two important traditions of critical analysis of technology: the engineering approach and the humanities approach.

A History of Everyday Things Cambridge University Press

Industrial policy has long been regarded as a strategy to encourage sector-, industry-, or economy-wide development by the state. It has been central to competitiveness, catching up, and structural change in both advanced and developing countries. It has also been one of the most contested perspectives, reflecting ideologically inflected debates and shifts in prevailing ideas. There has

lately been a renewed interest in industrial policy in academic circles and international policy dialogues, prompted by the weak outcomes of policies pursued by many developing countries under the direction of the Washington Consensus (and its descendants), the slow economic recovery of many advanced economies after the 2008 global financial crisis, and mounting anxieties about the national consequences of globalization. The Oxford Handbook of Industrial Policy presents a comprehensive review of and a novel approach to the conceptual and theoretical foundations of industrial policy. The Handbook also presents analytical perspectives on how industrial policy connects to broader issues of development strategy, macro-economic policies, infrastructure development, human capital, and political economy. By combining historical and theoretical perspectives, and integrating conceptual issues with empirical evidence drawn from advanced, emerging, and developing countries, The Handbook offers valuable lessons and policy insights to policymakers, practitioners and researchers on developing productive transformation, technological capabilities, and international competitiveness. It addresses pressing issues including climate change, the gendered dimensions of industrial policy, global governance, and technical change. Written by leading international thinkers on the subject, the volume pulls together different perspectives and schools of thought from neo-classical to structuralist development economists to discuss and highlight the adaptation of industrial policy in an ever-changing socio-economic and political landscape.

The Contamination of the Earth John Wiley & Sons

This book is an investigation of algorithmic contingency and an elucidation of the contemporary situation that we are living in: the regular arrival of algorithmic catastrophes on a global scale. Through a historical analysis of philosophy, computation and media, this book proposes a renewed relation between nature and technics.

Disruptive Technology and Defence

Innovation Ecosystems Walter de Gruyter

This second part of the sixth volume of Joseph Needham's great enterprise is an account of the technological history of agriculture, with major sections devoted to field systems, implements and techniques (sowing, harvesting, storing) and crop systems (what has grown and where and how crops rotated).

Modernity, Frontiers and Revolutions

BRILL

No detailed description available for "First International Conference of Economic History / Première Conférence internationale d'histoire économique".

Greek and Roman Technology: A Sourcebook CRC Press

Having examined previous volumes of the Boston Studies series devoted to different countries, and having discussed the best way to present contemporary research in France, we have arrived at a careful selection of 15 participants, including the organizers. Our aim is to bring together philosophers and practicing scientist from the major institutions of the country, both universities and research centers. The areas of research represented here cover a wide spectrum of sciences, from mathematics and physics to the life sciences, as well as linguistics and economics. This selection is a showcase of French philosophy of science, illustrating the different methods employed: logico-linguistic analysis, rational reconstruction and historical inquiry. These participants have the ability to relate their research both to the French tradition and current discussions on the international scene. Also included is a substantial historical introduction, explaining the development of philosophy of science in France, the various schools of thought and methods as well as the major concepts and their significance.

Science and Civilisation in China, Part 2, Agriculture Cambridge University Press

Economic development is full of discontinuities. Mainstream economists perceive these as external disturbances to a natural state of equilibrium, but this book argues that much of the discontinuities are part of economic development, suggesting that patterns can be understood with structural analysis. Structural Analysis and the Process of Economic Development presents a detailed analysis of the trajectory of Swedish economic change since the nineteenth century. The emergence of structural analysis in economic research is reviewed, as well as a chapter devoted to development blocks, a key concept that was outlined in the 1940s and that has much in common with the more recent notions 'techno-economic paradigms' and 'general-purpose technologies'. Structural analysis and the major contributions by Schön are introduced in this book. Also highlighted is Sweden's integration into the international economy via the nineteenth century capital markets, along with structural analysis as a tool for understanding climate change. The recent

technique of wavelet analysis and its potential for structural analysis is demonstrated in a non-technical chapter. This book is suitable for those who are interested in and study political economy, economic history and European history. Transitioning to a Post-Carbon Society Routledge

In this volume the authors translate and annotate key passages from ancient authors to provide a history and an analysis of the origins and development of technology. Among the topics covered are: * energy * basic mechanical devices * agriculture * food processing and diet * mining and metallurgy * construction and hydraulic engineering * household industry * transport and trade * military technology. The sourcebook presents 150 ancient authors and a diverse range of literary genres, such as, the encyclopedic Natural Histories of Pliny the Elder, the poetry of Homer and Hesiod, the philosophy of Plato, Aristotle and Lucretius and the agricultural treatise of Varro. Humphrey, Oleson and Sherwood provide a comprehensive and accessible collection of rich and varied sources to illustrate and elucidate the beginnings of technology. Glossaries of technological terminology, indices of authors and subjects, introductions outlining the general significance of the evidence, notes to explain the specific details, and a recent bibliography make this volume a valuable research and teaching tool.

The Innovation Journey of Wi-Fi MIT Press

Technological changes have often produced important social changes that translate into spatial and planning practice. Whereas the intelligent city is one of the unavoidable and even dominant concepts, digital uses can influence urban planning in four different directions. These scenarios are represented by a compass composed of a horizontal axis opposing institutional and non-institutional actors, and a second axis with open and closed opposition.

The Mechanical Tradition of Hero of Alexandria U OF M MUSEUM ANTHRO ARCHAEOLOGY

The dominance of trusted intermediaries could be weakened by blockchain, a distributed ledger technology, one of the functions of which is to constitute timestamped proofs by replacing inter-individual trust with algorithmic trust. Blockchain self-executing smart contracts allow us to rethink the practice in the domain of e-commerce, interbank communication, fundraising (and ICOs), justice (timestamping evidence, acts authenticated by blockchain) and businesses in numerous sectors

(entertainment, AI, health, real estate, tourism, transport, etc.) which attempt to propose new services by benefiting from blockchains. This book aims to put into perspective the technical innovations and the uses brought about by blockchain, by identifying that which has a medium- or long-term impact, all while taking into account the social, economic, judicial and administrative resistances that are likely to develop.

History of Technology Volume 15 John Wiley & Sons

The series Handbooks of Linguistics and Communication Science is designed to illuminate a field which not only includes general linguistics and the study of linguistics as applied to specific languages, but also covers those more recent areas which have developed from the increasing body of research into the manifold forms of communicative action and interaction.

Une histoire des techniques University of Toronto Press

Things which we regard as the everyday objects of consumption (and hence re-purchase), and essential to any decent, civilised lifestyle, have not always been so: in former times, everyday objects would have passed from one generation to another, without anyone dreaming of acquiring new ones. How, therefore, have people in the modern world become 'prisoners of objects', as Rousseau put it? The celebrated French cultural historian Daniel Roche answers this fundamental question using insights from economics, politics, demography and geography, as well as his own extensive historical knowledge. Professor Roche places familiar objects and commodities - houses, clothes, water - in their wider historical and anthropological contexts, and explores the origins of some of the daily furnishings of modern life. A History of Everyday Things is a pioneering essay that sheds light on the origins of the consumer society and its social and political repercussions, and thereby the birth of the modern world.

Organon University of Chicago Press

This book deals with one of the most pressing social and environmental issues that we face today. The transition to a post-carbon society, in which the consumption of fossil fuels decreases over time, has become an inevitability due to the need to prevent catastrophic climate change, the increasing cost and scarcity of energy, and complex combinations of both of these factors. As the authors point out, this will not only entail political adjustments and the replacement of some technologies by others, but will be

accompanied by social and cultural changes that bring about substantial modifications in our societies and ways of life. This book examines whether the current conditions, which date back to the crisis that began in 2007, favour a benign and smooth transition or will make it more difficult and prone to conflict. It argues that, even if this transformation is unavoidable, the directions it will take and the resulting social forms are much less certain. There will be many post-carbon societies, the authors conclude, and any number of routes to social change. *Transitioning to a Post-Carbon Society* therefore represents a significant contribution to global debates on the environment, and is vital reading for academics, policymakers, business leaders, NGOs and the general public

alike.

World Industrialization John Wiley & Sons

Offering an overall insight into the French tradition of philosophy of technology, this volume is meant to make French-speaking contributions more accessible to the international philosophical community. The first section, "Negotiating a Cultural Heritage," presents a number of leading 20th century philosophical figures (from Bergson and Canguilhem to Simondon, Dagobert or Ellul) and intellectual movements (from Personalism to French Cybernetics and political ecology) that help shape philosophy of technology in the Francophone area, and feed into contemporary debates (ecology of technology, politics of technology, game studies). The second section, "Coining and

Reconfiguring Technoscience," traces the genealogy of this controversial concept and discusses its meanings and relevance. A third section, "Revisiting Anthropological Categories," focuses on the relationships of technology with the natural and the human worlds from various perspectives that include anthropotechnology, Anthropocene, technological and vital norms and temporalities. The final section, "Innovating in Ethics, Design and Aesthetics," brings together contributions that draw on various French traditions to afford fresh insights on ethics of technology, philosophy of design, techno-aesthetics and digital studies. The contributions in this volume are vivid and rich in original approaches that can spur exchanges and debates with other philosophical traditions.