Download Free Leonardo To The Internet Technology And Culture From The Renaissance To The Present Johns Hopkins Studies In The History Of Technology Pdf For Free

The cultural theorist and media designer Anne Balsamo calls for transforming learning practices to inspire culturally attuned technological imaginations. Economical and political aspects of information technology in Europe and Japan are dealt with in this book. European and Japanese technology policies, the possibilities of cooperation on all economic and business levels as well as future perspectives on world information markets from the Japanese and European points of view form the priority areas of the book. Special attention is given to - the case study of a Swiss-Japanese business cooperation with many practical references, - an analysis of East European information markets and, - the relations between Europe and Japan from the viewpoint of the USA. The reader is given an insight into new developments in the information technology markets in Europe and Japan as well as into the economic and political framework within which the developments are taking place. Online Communication provides an introduction to both the technologies of the Internet Age and their social implications. This innovative and timely textbook brings together current work in communication, political science, philosophy, popular culture, history, economics, and the humanities to present an examination of the theoretical and critical issues in the study of computer-mediated communication. Continuing the model of the best-selling first edition, authors Andrew F. Wood and Matthew J. Smith introduce computer-mediated communication (CMC) as a subject of academic research as well as a lens through which to examine contemporary trends in society. This second edition of Online Communication covers online identity, mediated

relationships, virtual communities, electronic commerce, the digital divide, spaces of resistance, and other topics related to CMC. The text also examines how the Internet has affected contemporary culture and presents the critiques being made to those changes. Special features of the text include: *Hyperlinks--presenting greater detail on topics from the chapter *Ethical Ethical Inquiry--posing questions on the nature of human communication and conduct online *Online Communication and the Law--examining the legal ramifications of CMC issues Advanced undergraduates, graduate students, and researchers interested in the field of computer-mediated communication, as well as those studying issues of technology and culture, will find Online Communication to be an insightful resource for studying the role of technology and mediated communication in today's society. Culture, Learning, and Technology: Research and Practice provides readers with an overview of the research on culture, learning, and technology (CLT) and introduces the concept of culture-related theoretical frameworks. In 13 chapters, the book explores the theoretical and philosophical views of CLT, presents research studies that examine various aspects of CLT, and showcases projects that employ best practices in CLT. Written for researchers and students in the fields of Educational Technology, Instructional Design, and the Learning

Sciences, this volume represents a broad conceptualization of CLT and encompasses a variety of settings. As the first significant collection of research in this emerging field of study, Culture, Learning, and Technology overflows with new insights into the increasing role of technology use across all levels of education. We are facing unprecedented challenges today. For many of us, innovation would be our last hope. But how can it be done? Is it enough to bet on the scientific culture? How can technical culture contribute to innovation? How is technical culture situated with regards to what we name collectively the culture of innovation? It is these questions that this book intends to address. Culture, Technology and the Image explores the technologies deployed when images are archived, accessed and distributed. The chapters discuss the ways in which habits and techniques used in learning and communicating knowledge about images are affected by technological developments. The volume discusses a wide range of issues, including access and participation; research, pedagogy and teaching; curation and documentation; circulation and re-use; and conservation and preservation. The book illustrates how knowledge about images is intertwined with the methods that are used to store, retrieve and analyse those images and the information associated with them. Focusing on the implications of technology for

processes and practices brings into view the permeable nature of boundaries between such disciplines as art history, media studies, museum studies and archiving. As such, this text will appeal to a broad academic audience, including art historians interested in the digital; media studies scholars; digital humanities scholars interested in expanding beyond textual scholarship; as well as new students in any of these fields. The first volume in a major new series, this book will be an essential read for all those who need to deal with the causes and consequences of rapid technological change in an increasingly globalized world, whether they be government policy-makers, managers of multi-national corporations, commentators on the international scene or specialists in and students of international politics, economics and business studies. The authors discuss three related areas: * How do we think about technology and international relations/international political economy? How does technology relate to competitiveness? How does it inlfuence our culture and how is it influenced by it? * In what sense is technology a fundamental component of national competitive advantage and what ought national, local and corporate policy to be in the light of this? * What is the relationship between technological innovation and global political and economic change? Technology is discussed not just in an instrumental sense - as a tool of

power and an object of policy - but equally in a transcendental sense - as a key to shaping and structuring how we understand and interpret reality. The final section of the book presents case studies of three core sectors of the world political economy, finance , aviation and automobiles. Although scholars have devoted much attention to the impact of technology on society, they have tended to slight the question of how technology is affected by social systems. The authors of this volume take precisely this approach in their examination of the "Soviet model" of development. The book surveys the history and current state of science and technology in the USSR and its former satellites. It then looks at the economic environment for technological innovation and examines the impact of the "energy shock" in the transitional economies of the region. Finally, it discusses the ecological devastation of the USSR and Eastern Europe, its connection with the "Soviet model" and the prospects for remediation. The central argument of the book is that the cultural and social factors and the legacy of the Soviet model will inevitable figure in the reconstruction of the East. We live in a world where science and technology shape the global economy and everyday culture, where new biotechnologies are changing what we eat and how we can reproduce, and where email, mobiles and the internet have revolutionised the ways we communicate with each other and engage with the world outside us.Technoculture: The

Key Concepts explores the power of scientific ideas, their impact on how we understand the natural world and how successive technological developments have influenced our attitudes to work, art, space, language and the human body. Throughout, the lively discussion of ideas is illustrated with provocative case studies - from biotech foods to life-support systems, from the Walkman and iPod to sex and cloning, from video games to military hardware. Designed to be both provocative and instructive, Technoculture: The Key Concepts outlines the place of science and technology in today's culture. Essays examine how the genre of historia reflects connections between the study of nature and the study of culture in early modern scholarly pursuits. The early modern genre of historia connected the study of nature and the study of culture from the early Renaissance to the eighteenth century. The ubiquity of historia as a descriptive method across a variety of disciplines--including natural history, medicine, antiquarianism, and philology-- indicates how closely intertwined these scholarly pursuits were in the early modern period. The essays collected in this volume demonstrate that historia can be considered a key epistemic tool of early modern intellectual practices. Focusing on the actual use of historia across disciplines, the essays highlight a distinctive feature of early modern descriptive sciences: the coupling of

observational skills with philological learning, empiricism with erudition. Thus the essays bring to light previously unexamined links between the culture of humanism and the scientific revolution. The contributors, from a range of disciplines that echoes the broad scope of early modern historia, examine such topics as the development of a new interest in historical method from the Renaissance artes historicae to the eighteenth-century tension between "history" and "system"; shifts in Aristotelian thought paving the way for revaluation of historia as descriptive knowledge; the rise of the new discipline of natural history; the uses of historia in anatomical and medical investigation and the writing of history by physicians; parallels between the practices of collecting and presenting information in both natural history and antiquarianism; and significant examples of the ease with which early seventeenth-century antiquarian scholars moved from studies of nature to studies of culture. Egg-heads in an ivory tower? Dreary boffins carrying out useless research at the tax-payer's expense? Computer-nerds? Do such figures make you think of people working in humanities and social sciences in universities? This book shows just how wrong such representations are! Indian National Science Academy and Centro de Historia de Alem- Mar, Universidade Nova de Lisboa, Lisbon cooperated in the 9th International Seminar

on Indo-Portuguese History in December 1998 held in the premises of the Academy. Review: "Technology and Culture provides a comprehensive overview of anthropological and other theories examining the place of technology in culture, and the consequences of technology for cultural evolution. The book develops and contrasts anthropological discourse of technology and culture with humanistic and managerial views. It uses core anthropological concepts, including adaptation, evolution, totemic identity, and collective representations, to locate a board variety of technologies, ancient and modern, in a context of shared understandings and misunderstandings. The author draws on his own experience as an auto mechanic, computer programmer, ethnographer and aircraft pilot to demonstrate that technologies are cultural creations, encoding and accelerating the dreams and delusions of the societies that produce them."--BOOK JACKET Childhood is increasingly saturated by technology: from television to the Internet, video games to 'video nasties', camcorders to personal computers. Children, Technology and Culture looks at the interplay of children and technology which poses critical questions for how we understand the nature of childhood in late modern society. This collection brings together researchers from a range of disciplines to address the following four aspects of this relationship between

children and technology: *children's access to technologies and the implications for social relationships *the structural contexts of children's engagement with technologies with a focus on gender and the family *the situatedness of children's interactions with technological objects *the constitution of children and childhood through the mediations of technology _ This book represents a substantial contribution to contemporary social scientific thinking both about the nature of children and childhood, the social impacts of technologies and the various relationships between the two. A succinct yet comprehensive history, Cars and Culture highlights the technical changes that altered the appearance and performance of automobiles, along with the myriad forces that have shaped the car's development. Technology, Literature and Culture provides a detailed and accessible exploration of the ways in which literature across the twentieth century has represented the inescapable presence and progress of technology. As this study argues, from the Fordist revolution in manufacturing to computers and the internet, technology has reconfigured our relationship to ourselves, each other, and to the tools and material we use. The book considers such key topics as the legacy of late-nineteenth century technology, the literary engagement with cinema and radio, the place of typewriters and computers in formal and

thematic literary innovations, the representations of technology in spy fiction and the figures of the robot and the cyborg. It considers the importance of broadcast technology and the internet in literature and covers major literary movements including modernism, cold war writing, postmodernism and the emergence of new textualities at the end of the century. An insightful and wide-ranging study, Technology, Literature and Culture offers close readings of writers such as Virginia Woolf, Samuel Beckett, Ian Fleming, Kurt Vonnegut, Don DeLillo, Jeanette Winterson and Shelley Jackson. It is an invaluable resource for students and scholars alike in literary and cultural studies, and also introduces the topic to a general reader interested in the role of technology in the twentieth century. E-Governance has been one of the strategic sectors of reform in India since late 1990s under the rubric of 'good governance' agenda promoted by International Organizations. As India's policy focus changed towards economic liberalization, deregulation and privatization proliferating domestic and foreign investment, ICT (Information Communication Technology) has been one of the leading areas for such heightened investment. Consequently, there has been a burgeoning interest in deploying ICT, in revamping the public service delivery and eventually the overall system of governance. This book analyses e-Governance in India and

argues that such initiatives did not take place in isolation but followed in the footsteps of broader governance reform agenda that has already made considerable impact on the discourses and practices of governance in India. Employing interdisciplinary methodology by combining approaches from the Political Sciences, Sociology and Postcolonial/transcultural studies, this book presents a qualitative account of the policies and practices of e-Governance reform in India along with a detailed case study of the Common Services Centres (CSCs) Scheme under the National e-Governance Plan of the Government of India and its resultant impact on the overall system of governance. It unfolds general theoretical issues in terms of the relationship between technology and governance and the entanglement of politics, technology and culture in the complex whole of governance. This furthers our understanding of the impact of the transnational governance reform agenda on post-colonial and post-communist societies of the developing world. Making an important and original contribution to the emerging field of e-Governance and to the existing body of research on governance in general, this book will be of interest to students and scholars of Political Science, Political Sociology, South Asian Politics and Governance. Childhood is increasingly saturated by technology: from television to the Internet, video games to 'video nasties', camcorders to personal computers. Children, Technology and Culture looks at the interplay of children and technology which poses critical questions for how we understand the nature of childhood in late modern society. This collection brings together researchers from a range of disciplines to address the following four aspects of this relationship between children and technology: *children's access to technologies and the implications for social relationships *the structural contexts of children's engagement with technologies with a focus on gender and the family *the situatedness of children's interactions with technological objects *the constitution of children and childhood through the mediations of technology _ This book represents a substantial contribution to contemporary social scientific thinking both about the nature of children and childhood, the social impacts of technologies and the various relationships between the two. Over the last fifty years, humanity has developed an extraordinary global utility which is omnipresent, universal, and available to all: the Global Positioning System (GPS). A network of twenty-four satellites and their monitoring stations on Earth, it makes possible almost all modern technology, from the smartphone in your pocket to the Mars rover. Neither the internet nor the cloud would work without it. And it is changing us in profound ways we've yet to come to terms with. While GPS has brought us breathtakingly accurate methods of timekeeping, navigation, and earthquake tracking, our overwhelming reliance on it is having unexpected consequences on our culture, and on ourselves. GPS is reshaping our thinking about privacy and surveillance, and brings with it the growing danger of GPS terrorism. Neuroscientists have even found that using GPS for navigation may be affecting our cognitive maps - possibly rearranging the grey matter in our heads - leading to the increasingly common phenomenon 'Death by GPS', in which drivers blindly follow their devices into deserts, lakes, and impassable mountains. Deeply researched, inventive and with fascinating insights into the way we think about our place in the world, Pinpoint reveals the way that the technologies we design to help us can end up shaping our lives. It is at once a grand history of science and a far-reaching book about contemporary culture. 'Once in a while a manuscript stops you in your tracks... What we are offered here is no recovering of old ground but a step change in perspectives on "body matters" that is both innovative and of fundamental importance to anyone working on this sociological terrain...This text is groundbreaking and simply has to be read' - Acta Sociologica 'This is Shilling at his creative best...these are seminal observations of the classical theories drawn together as never before. Moreover, as a framework [this monograph] provides a

genuinely new and fertile way of reconsidering not just classical sociology but contemporary forms as well' - Sport, Education & Society 'This is a comprehensive, theoretically sophisticated, and ambitious treatise on the body that draws from, and applies, both classical and contemporary sociological theory in a manner that is innovative and thought-provoking. This book is engaging and thought-provoking, but Shilling's greatest achievement is his ability to illustrate the importance and continued relevance of classical and contemporary sociological theory to real world concerns. It is a book worthy of widespread attention. It reinvigorated my interest in the sociological classics and contained countless nuggets of interesting information that led me to conclude that it would be a worthy book to recommend to a broad sociological audience' - Teaching Sociology 'Shilling's book (like his earlier The Body and Social Theory) is crucial reading...a further valuable contribution in a field where he has provided so much' - Theory & Psychology 'This is an impressive book by one of the leading social theorists working in the field of body studies. It provides a critical summation of theoretical and substantive work in the field to date, while also presenting a powerful argument for a corporeal realism in which the body is both generative of the emergent properties of social structure and a location of their effects. Its scope and originality make it a key point of reference for students and academics in body studies and in the social and cultural sciences more generally' - Ian Burkitt, Reader in Social Science, University of Bradford 'Chris Shilling is as always a lucid guide through the dense thickets of the "sociology of the body", and his chapters on the fields of work, sport, eating, music and technology brilliantly show how abstract theoretical debates relate to the real world of people's lives' - Professor Stephen Mennell, University College Dublin 'What I find very useful and without any doubt valuable, not only in Shilling's The Body in Culture, Technology and Society but in his work in general, is the breadth and profoundness of his discussion about the body...the style Shilling maintains is crucial for further development of the sociology of the body as a discipline, for it provides us with a rich intellectual environment about the body' - Sociology 'For any colleague wanting to have a clear idea of how studies of the body can be empirically grounded as well as theoretically 'rich', Chris Shilling's The Body in Culture, Technology and Society , is the book to read. To my mind it offers the best account thus far of not only how social action is embodied and must be recognised as such but also of how social structures condition and shape embodied subjects in a variety of social arenas... This is wonderful insightful 'stuff' - the ideas and intricate thoughts of a scholar such as Shilling who has been immersed in thinking about the complexities of the body in society as well as sociology for a number of years' - Sociology of Health and Illness This is a milestone in the sociology of the body. The book offers the most comprehensive overview of the field to date and an innovative framework for the analysis of embodiment. It is founded on a revised view of the relation of classical works to the body. It argues that the body should be read as a multi-dimensional medium for the constitution of society. Upon this foundation, the author constructs a series of analyses of the body and the economy, culture, sociality, work, sport, music, food and technology. This unique book focuses on regional creativity, analysing the different factors that can affect creativity and innovation process within regions in the knowledge economy. Approaching creativity from technological, organizational and regional viewpoints, it attempts to break down the influence of oppositional approaches and take account of multi-level interactions in economy and policy. The variety of papers presented looks at: how regions can be creative and competitive how research and development is outsourced and the scientific knowledge and technology transferred what types of technology based cultural activities can operate the relevant financing and development of knowledge entrepreneurship. Whilst many of these aspects are driven by market forces Creative Regions demonstrates that the regional

and national public sectors have a significant role to play and is essential reading on how to generate a competitive advantage for regions in the knowledge economy in the global market. To most people, technology has been reduced to computers, consumer goods, and military weapons; we speak of "technological progress" in terms of RAM and CD-ROMs and the flatness of our television screens. In Human-Built World, thankfully, Thomas Hughes restores to technology the conceptual richness and depth it deserves by chronicling the ideas about technology expressed by influential Western thinkers who not only understood its multifaceted character but who also explored its creative potential. Hughes draws on an enormous range of literature, art, and architecture to explore what technology has brought to society and culture, and to explain how we might begin to develop an "ecotechnology" that works with, not against, ecological systems. From the "Creator" model of development of the sixteenth century to the "big science" of the 1940s and 1950s to the architecture of Frank Gehry, Hughes nimbly charts the myriad ways that technology has been woven into the social and cultural fabric of different eras and the promises and problems it has offered. Thomas Jefferson, for instance, optimistically hoped that technology could be combined with nature to create an Edenic environment; Lewis Mumford, two centuries later, warned of the increasing mechanization

of American life. Such divergent views, Hughes shows, have existed side by side, demonstrating the fundamental idea that "in its variety, technology is full of contradictions, laden with human folly, saved by occasional benign deeds, and rich with unintended consequences." In Human-Built World, he offers the highly engaging history of these contradictions, follies, and consequences, a history that resurrects technology, rightfully, as more than gadgetry; it is in fact no less than an embodiment of human values. The Culture of Technology examines our often conflicting attitudes toward nuclear weapons, biological technologies, pollution, Third World development, automation, social medicine, and industrial decline. It disputes the common idea that technology is "value-free" and shows that its development and use are conditioned by many factors-political and cultural as well as economic and scientific. Many examples from a variety of cultures are presented. These range from the impact of snowmobiles in North America to the use of water pumps in rural India, and from homemade toys in Africa to electricity generation in Britain-all showing how the complex interaction of many influences in every community affects technological practice. Arnold Pacey, who lives near Oxford, England, has a degree in physics and has lectured on both the history of technology and technology policy, with a particular focus on the

development of technologies appropriate to Third World needs. He is the author of The Maze of Ingenuity (MIT Press paperback). In a relatively short time, Finland has transformed a society of approximately 5.3 million people into one of the most educated and technologically sophisticated in the world, while maintaining relative political stability and an enviable quality of life among its people. In all comparative measures of international achievement, Finland ranks at the top among the world's most literate and wealthiest countries. How did Finland do it, and what can other countries learn from the Finnish example? This book presents an energized and informative look at Finland's cultural and developmental history, its political evolution as a state, the foundation and origins of its technology and innovation policy, and present developments in health care, education, and the pathway to sustainable economic development. Utilizing both qualitative and quantitative approaches, author Kalu Kalu incorporates rarely-seen archival data alongside analysis of original research surveys disseminated to members of the Finnish national legislature, personnel of the ministries of education and health, administrators in local government jurisdictions, and members of the general public. The result is a book that offers an incisive and analytical account of virtually all aspects of Finnish life – ranging from culture, parliamentarianism,

arts, architecture, design, literature, education and health policies, information technology, to the development of multipolis technology clusters and networks. Demonstrating how civic attitudes have evolved over time mediated by the pressures of technology and modernity, Technology, Culture, and Public Policy ultimately transcends an examination of Finland's own successes and challenges, considering what lessons other countries might apply to their own intricate national contexts. Nineteenth-Century Energies explores the idea of 'energy', a concept central to new directions in interdisciplinary studies today. It examines the cultural perceptions and uses of energy in the nineteenth century – both in terms of pure and applied science, and as an idea with widespread diffusion in the popular imagination – in contributions by scholars drawing on a variety of fields, such as literature, philosophy, history, French studies, Latin American studies, cinema studies, and art history. These contributions explore the rise of insomnia as a recognized ailment, the role of guns and gun culture in the perception of human agency, the first uses of the barometer to predict massive cyclonic weather systems, and the hallucinatory, almost occult effects of radiant energy in early film. Exemplifying innovative research in twenty-first century academia, this volume also speaks to the wider cultural concerns of today's global citizen about the preservation

and renewal of natural resources around the world; the emergence of devices and technologies that have both improved and impaired human life; the aggrandizement of nation-states around large technological systems; and the centrality of the image in our perception and absorption of contemporary culture. This book was originally published as a special issue of Nineteenth-Century Contexts. Andrew Utterson brings together key theoretical texts spanning more than a century of writing on cinema technologies. Grappling with the contemporary Latin American literary climate and its relationship to the pervasive technologies that shape global society, this book visits Latin American literature, technology, and digital culture from the post-boom era to the present day. The volume examines literature in dialogue with the newest media, including videogames, blogs, electronic literature, and social networking sites, as well as older forms of technology, such as film, photography, television, and music. Together, the essays interrogate how the global networked subject has affected local political and cultural concerns in Latin America. They show that this subject reflects an affective mode of knowledge that can transform the way scholars understand the effects of reading and spectatorship on the production of political communities. The collection thus addresses a series of issues crucial to current and

future discussions of literature and culture in Latin America: how literary, visual, and digital artists make technology a formal element of their work; how technology, from photographs to blogs, is represented in text, and the ramifications of that presence; how new media alters the material circulation of culture in Latin America; how readership changes in a globalized electronic landscape; and how critical approaches to the convergences, boundaries, and protocols of new media might transform our understanding of the literature and culture produced or received in Latin America today and in the future. Comprehensive introduction to cell phone culture and theory. We are 'going virtual' in more and more areas of our lives - from shopping to education, filing systems to love affairs. How can we assess the relationship between technology and culture when culture is so imbued with technology? This clear, concise and readable text aims to offer the student a one-stop guide through this complex and slippery terrain. Introducing a wealth of theoretical perspectives in a lucid and engaging style and covering a range of topical, challenging and intriguing examples - from cyborgs to digital art - it will be an essential text for everyone wanting to make sense of crucial forces of change on contemporary culture. The central purpose of this collection of essays is to make a creative addition to the

debates surrounding the cultural heritage domain. In the 21st century the world faces epochal changes which affect every part of society, including the arenas in which cultural heritage is made, held, collected, curated, exhibited, or simply exists. The book is about these changes; about the decentring of culture and cultural heritage away from institutional structures towards the individual; about the questions which the advent of digital technologies is demanding that we ask and answer in relation to how we understand, collect and make available Europe's cultural heritage. Cultural heritage has enormous potential in terms of its contribution to improving the quality of life for people, understanding the past, assisting territorial cohesion, driving economic growth, opening up employment opportunities and supporting wider developments such as improvements in education and in artistic careers. Given that spectrum of possible benefits to society, the range of studies that follow here are intended to be a resource and stimulus to help inform not just professionals in the sector but all those with an interest in cultural heritage. This book uses five case-studies to set ancient technical knowledge in its political, social and intellectual context. In this exciting new book, Mike Michael uses case studies of mundane technologies such as the walking boot, the car and the TV remote control to question some of the fundamental dichotomies

through which we make sense of the world. Drawing on the insights of Bruno Latour, Donna Haraway and Michel Serres, the author elaborates an innovative methodology through which new hybrid objects of study are creatively constructed, tracing the ways in which the cultural, the natural and the technological interweave in the production of order and disorder. This book critically engages with and draws connections between a wide range of literature including those concerned with the environment, consumption and the body. People have described nature since the beginning of human history. They do it for various purposes, including to communicate about economic, social, governmental, meteorological, sustainability-related, strategic, military, and survival issues as well as artistic expression. As a part of the whole world of living beings, we use various types of senses, known and unknown, labeled and not identified, to both communicate and create. Describing Nature Through Visual Data is a collection of impactful research that discusses issues related to the visualization of scientific concepts, picturing processes, and products, as well as the role of computing in advancing visual literacy skills. Organized into four sections, the book contains descriptions, theories, and examples of visual and music-based solutions concerning the selected natural or technological events that are shaping present-day reality. The chapters pertain to selected scientific fields, digital

art, computer graphics, and new media and confer the possible ways that visuals, visualization, simulation, and interactive knowledge presentation can help us to understand and share the content of scientific thought, research, artistic works, and practice. Featuring coverage on topics that include mathematical thinking, music theory, and visual communication, this reference is ideal for instructors, professionals, researchers, and students keen on comprehending and enhancing the role of knowledge visualization in computing, sciences, design, media communication, film, advertising, and marketing. This collection presents a contemporary evaluation of the changing structures of music delivery and enjoyment. Exploring the confluence of music consumption, burgeoning technology, and contemporary culture; this volume focuses on issues of musical communities and the politics of media. "This book provides a source for definitions, antecedents, and consequences of social informatics and the cultural aspect of technology. It addresses cultural/societal issues in social informatics technology and society, the Digital Divide, government and technology law, information security and privacy, cyber ethics, technology ethics, and the future of social informatics and technology"--Provided by publisher. In this book David Wittner situates Japan's Meiji Era experience of technology

transfer and industrial modernization within the realm of culture, politics, and symbolism, examining how nineteenth century beliefs in civilization and enlightenment influenced the process of technological choice. Through case studies of the iron and silk industries, Wittner argues that the Meiji government's guiding principle was not simply economic development or providing a technical model for private industry as is commonly claimed. Choice of technique was based on the ability of a technological artifact to import Western "civilization" to Japan: Meiji officials' technological choices were firmly situated within perceptions of authority, modernity, and their varying political agendas. Technological artifacts could also be used as instruments of political legitimization. By late the Meiji Era, the former icons of Western civilization had been transformed into the symbols of Japanese industrial and military might. A fresh and engaging re-examination of Japanese industrialization within the larger framework of the Meiji Era, this book will appeal to scholars and students of science, technology, and society as well as Japanese history and culture. Television: Technology and Cultural Form was first published in 1974, long before the dawn of multi-channel TV, or the reality and celebrity shows that now pack the schedules. Yet Williams' analysis of television's history, its institutions, programmes and practices, and its future prospects, remains remarkably prescient. Williams stresses the importance of technology in shaping the cultural form of television, while always resisting the determinism of McLuhan's dictum that 'the medium is the message'. If the medium really is the message, Williams asks, what is left for us to do or say? Williams argues that, on the contrary, we as viewers have the power to disturb, disrupt and to distract the otherwise cold logic of history and technology - not just because television is part of the fabric of our daily lives, but because new technologies continue to offer opportunities, momentarily outside the sway of transnational corporations or the grasp of media moguls, for new forms of self and political expression. Food is the sustenance of life. But while we understand that a secure supply of food has been affected by many factors over the course of history, we do not often allow ourselves to entertain the idea that a lack of adequate food worldwide is a very real and dangerous possibility. While soil degradation, water distribution, climate change, population growth, and environmental issues are of serious concern, the ultimate expectation is that humankind will survive and even prevail simply because it always has, through human ingenuity and continued advances in science and technology. Adequate Food for All: Culture, Science, and Technology of Food in the 21st Century looks at those factors threatening to compromise food production and distribution. It examines the myriad influences on food security today as well as the human responses to them. Taking an interdisciplinary approach that involves authors of diverse expertise, this volume – Discusses our evolving understanding of what is critical to good nutrition and health Examines the role of religion and faith in food choices, as well as the influence of culture and customs Explores issues of obesity and related diseases as well as diseases of nutrient deficiencies Describes the most dangerous threats to sustainable food production Lays out viable solutions through conservation, technology, and cultural adaptation Ultimately, this volume challenges readers to garner a deeper understanding needed to develop solutions that truly change the future rather than postpone the inevitable. Recognition of food as a universal need of people everywhere may be a point of union for the human spirit. The future holds opportunities and imperatives that must be faced, perhaps none more important than how we come together to keep the world fed. Adequate Food for All: Culture, Science, and Technology of Food in the 21st Century covers many of the issues involved in meeting this goal. The essays in this volume discuss both the culture of technology that we live in today, and culture as technology. Within the chapters of the book cultures of technology and cultural technologies are discussed, focussing on a variety of examples, from varied national

contexts. The book brings together internationally recognised scholars from the social sciences and humanities, covering diverse themes such as intellectual property, server farms and search engines, cultural technologies and epistemology, virtual embassies, surveillance, peer-to-peer file-sharing, sound media and nostalgia and much more. It contains both historical and contemporary analyses of technological phenomena as well as epistemological discussions on the uses of technology.

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