

Online Library Automating Inequality How High Tech Tools Profile Police And Punish The Poor Pdf Free Copy

Technically Wrong Apr 02 2021 A revealing look at how tech industry bias and blind spots get baked into digital products—and harm us all. Buying groceries, tracking our health, finding a date: whatever we want to do, odds are that we can now do it online. But few of us ask why all these digital products are designed the way they are. It's time we change that. Many of the services we rely on are full of oversights, biases, and downright ethical nightmares: Chatbots that harass women. Signup forms that fail anyone who's not straight. Social media sites that send peppy messages about dead relatives. Algorithms that put more black people behind bars. Sara Wachter-Boettcher takes an unflinching look at the values, processes, and assumptions that lead to these and other problems. Technically Wrong demystifies the tech industry, leaving those of us on the other side of the screen better prepared to make informed choices about the services we use—and demand more from the companies behind them.

Tools and Technology in Translation Apr 26 2023 The profile of beginning language professionals in the digital

age

The Ethics of Dissent Oct 28 2020 Winner of the 2021 “Best Book Award” from the Academy of Management Division of Public and Nonprofit Management!

“Rosemary O’Leary’s The Ethics of Dissent offers a novel take on rule breakers and whistle-blowers in the federal government. Finding a book that elegantly interweaves theory, case detail, and practice in a way useful to students and researching proves challenging. O’Leary achieves those aims.” —Randall Davis, Southern Illinois University From “constructive contributors” to “deviant destroyers,” government guerrillas work clandestinely against the best wishes of their superiors. These public servants are dissatisfied with the actions of the organizations for which they work, but often choose not to go public with their concerns. In her Third Edition of The Ethics of Dissent, Rosemary O’Leary shows that the majority of guerrilla government cases are the manifestation of inevitable tensions between bureaucracy and democracy, which yield immense ethical and organizational challenges that all public managers must learn to navigate. New to the Third Edition: New examples of guerrilla government showcase the power of public servants as well as their ethical obligations. Key concepts are connected to real examples, such as Kim Davis, the Kentucky county clerk who refused to sign the marriage certificates of gay

couples, and Kevin Chmielewski, the deputy chief of staff for operations at the U.S. Environmental Protection Agency (EPA) who led environmental groups to the wrong doings of EPA Administrator Scott Pruitt. A new section on the creation of “alt” Twitter accounts designed to counter and even sabotage the policies of President Donald Trump highlights the power of social media in guerrilla government activities. A new section on the U.S. Department of State “dissent channel” provides readers with a positive example of the right way to dissent as a public servant. A new chapter on Edward Snowden demonstrates the practical relevance and contemporary importance of the world’s largest security breach. A new profile of U.S. Department of State diplomat Mary A. Wright illustrates how she used her resignation to dissent about U.S. policies in Iraq.

The Promise of Access Nov 21 2022 Why simple technological solutions to complex social issues continue to appeal to politicians and professionals who should (and often do) know better. Why do we keep trying to solve poverty with technology? What makes us feel that we need to learn to code--or else? In The Promise of Access, Daniel Greene argues that the problem of poverty became a problem of technology in order to manage the contradictions of a changing economy. Greene shows how the digital divide emerged as a policy problem and why simple technological solutions to

complex social issues continue to appeal to politicians and professionals who should (and often do) know better.

The Empathy Diaries May 04 2021 “A beautiful book... an instant classic of the genre.” —Dwight Garner, New York Times • A New York Times Critics’ Top Book of 2021 • A New York Times Book Review Editors’ Choice • Named a Best Nonfiction Book of 2021 by Kirkus • Winner of the 2021 National Jewish Book Award in Autobiography & Memoir • Winner of the New England Society Book Award in Nonfiction MIT psychologist and bestselling author of Reclaiming Conversation and Alone Together, Sherry Turkle's intimate memoir of love and work For decades, Sherry Turkle has shown how we remake ourselves in the mirror of our machines. Here, she illuminates our present search for authentic connection in a time of uncharted challenges. Turkle has spent a career composing an intimate ethnography of our digital world; now, marked by insight, humility, and compassion, we have her own. In this vivid and poignant narrative, Turkle ties together her coming-of-age and her pathbreaking research on technology, empathy, and ethics. Growing up in postwar Brooklyn, Turkle searched for clues to her identity in a house filled with mysteries. She mastered the codes that governed her mother's secretive life. She learned never to ask about her absent scientist father--and never to use his name, her name.

Before empathy became a way to find connection, it was her strategy for survival. Turkle's intellect and curiosity brought her to worlds on the threshold of change. She learned friendship at a Harvard-Radcliffe on the cusp of coeducation during the antiwar movement, she mourned the loss of her mother in Paris as students returned from the 1968 barricades, and she followed her ambition while fighting for her place as a woman and a humanist at MIT. There, Turkle found turbulent love and chronicled the wonders of the new computer culture, even as she warned of its threat to our most essential human connections. The Empathy Diaries captures all this in rich detail--and offers a master class in finding meaning through a life's work.

The People's Platform Jun 16 2022 From a cutting-edge cultural commentator and documentary filmmaker, a bold and brilliant challenge to cherished notions of the Internet as the great democratizing force of our age. The Internet has been hailed as a place where all can be heard and everyone can participate equally. But how true is this claim? In a seminal dismantling of techno-utopian visions, The People's Platform argues that for all that we "tweet" and "like" and "share," the Internet in fact reflects and amplifies real-world inequities at least as much as it ameliorates them. Online, just as off-line, attention and influence largely accrue to those who already have plenty of both. What we have seen in the

virtual world so far, Astra Taylor says, has been not a revolution but a rearrangement. Although Silicon Valley tycoons have eclipsed Hollywood moguls, a handful of giants like Amazon, Apple, Google and Facebook still dominate our lives. And the worst habits of the old media model--the pressure to be quick and sensational, to seek easy celebrity, to appeal to the broadest possible public--have proliferated online, where every click can be measured and where "aggregating" the work of others is the surest way to attract eyeballs and ad revenue. In a world where culture is "free," creative work has diminishing value, and advertising fuels the system, the new order looks suspiciously just like the old one. We can do better, Taylor insists. The online world does offer an unprecedented opportunity, but a democratic culture that supports diverse voices, work of lasting value, and equitable business practices will not appear as a consequence of technology alone. If we want the Internet to truly be a people's platform, we will have to make it so.

Food Processing Technology Dec 23 2022 The first edition of Food processing technology was quickly adopted as the standard text by many food science and technology courses. This completely revised and updated third edition consolidates the position of this textbook as the best single-volume introduction to food manufacturing technologies available. This edition has

been updated and extended to include the many developments that have taken place since the second edition was published. In particular, advances in microprocessor control of equipment, 'minimal' processing technologies, functional foods, developments in 'active' or 'intelligent' packaging, and storage and distribution logistics are described. Technologies that relate to cost savings, environmental improvement or enhanced product quality are highlighted. Additionally, sections in each chapter on the impact of processing on food-borne micro-organisms are included for the first time. Introduces a range of processing techniques that are used in food manufacturing Explains the key principles of each process, including the equipment used and the effects of processing on micro-organisms that contaminate foods Describes post-processing operations, including packaging and distribution logistics

Design of Technology-Enhanced Learning Sep 19 2022
This book explains how educational research can inform the design of technology-enhanced learning environments. After laying pedagogical, technological and content foundations, it analyses learning in Web 2.0, Social Networking, Mobile Learning and Virtual Worlds to derive nuanced principles for technology-enhanced learning design.

Ghost Work Jan 24 2023 "A startling expos é of the invisible human workforce that powers the web--and how

to bring it out of the shadows. Hidden beneath the surface of the internet, a new, stark reality is looming--one that cuts to the very heart of our endless debates about the impact of AI. Anthropologist Mary L. Gray and computer scientist Siddharth Suri unveil how the services we use from companies like Amazon, Google, Microsoft, and Uber can only function smoothly thanks to the judgment and experience of a vast human labor force that is kept deliberately concealed. The people who do 'ghost work' make the internet seem smart. They perform high-tech, on-demand piecework: flagging X-rated content, proofreading, transcribing audio, confirming identities, captioning video, and much more. The shameful truth is that no labor laws protect them or even acknowledge their existence. They often earn less than legal minimums for traditional work, they have no health benefits, and they can be fired at any time for any reason, or for no reason at all. An estimated 8 percent of Americans have worked in this 'ghost economy,' and that number is growing every day. In this unprecedented investigation, Gray and Suri make the case that robots will never completely eliminate 'ghost work' and the unchecked quest for artificial intelligence could spark catastrophic work conditions if not stopped in its tracks. Ultimately, they show how this essential type of work can create opportunity--rather than misery--for those who do it."--Dust jacket.

The Costs of Connection Aug 26 2020 Just about any social need is now met with an opportunity to "connect" through digital means. But this convenience is not free—it is purchased with vast amounts of personal data transferred through shadowy backchannels to corporations using it to generate profit. *The Costs of Connection* uncovers this process, this "data colonialism," and its designs for controlling our lives—our ways of knowing; our means of production; our political participation. Colonialism might seem like a thing of the past, but this book shows that the historic appropriation of land, bodies, and natural resources is mirrored today in this new era of pervasive datafication. Apps, platforms, and smart objects capture and translate our lives into data, and then extract information that is fed into capitalist enterprises and sold back to us. The authors argue that this development foreshadows the creation of a new social order emerging globally—and it must be challenged. Confronting the alarming degree of surveillance already tolerated, they offer a stirring call to decolonize the internet and emancipate our desire for connection.

Governing Electronically Oct 09 2021 This book provides rare insights into the nature of contemporary, technologically-facilitated government. Its multidisciplinary approach demonstrates that information technology is more than a tool for politicians and policy-

makers. E-government has reconfigured public administration, policy, power and citizenship.

Automating Inequality Jun 28 2023 The New York Times Book Review: "Riveting." Naomi Klein: "This book is downright scary." Ethan Zuckerman, MIT: "Should be required reading." Dorothy Roberts, author of Killing the Black Body: "A must-read." Astra Taylor, author of The People's Platform: "The single most important book about technology you will read this year." Cory Doctorow: "Indispensable." A powerful investigative look at data-based discrimination—and how technology affects civil and human rights and economic equity The State of Indiana denies one million applications for healthcare, foodstamps and cash benefits in three years—because a new computer system interprets any mistake as “failure to cooperate.” In Los Angeles, an algorithm calculates the comparative vulnerability of tens of thousands of homeless people in order to prioritize them for an inadequate pool of housing resources. In Pittsburgh, a child welfare agency uses a statistical model to try to predict which children might be future victims of abuse or neglect. Since the dawn of the digital age, decision-making in finance, employment, politics, health and human services has undergone revolutionary change. Today, automated systems—rather than humans—control which neighborhoods get policed, which families attain needed resources, and who is

investigated for fraud. While we all live under this new regime of data, the most invasive and punitive systems are aimed at the poor. In *Automating Inequality*, Virginia Eubanks systematically investigates the impacts of data mining, policy algorithms, and predictive risk models on poor and working-class people in America. The book is full of heart-wrenching and eye-opening stories, from a woman in Indiana whose benefits are literally cut off as she lays dying to a family in Pennsylvania in daily fear of losing their daughter because they fit a certain statistical profile. The U.S. has always used its most cutting-edge science and technology to contain, investigate, discipline and punish the destitute. Like the county poorhouse and scientific charity before them, digital tracking and automated decision-making hide poverty from the middle-class public and give the nation the ethical distance it needs to make inhumane choices: which families get food and which starve, who has housing and who remains homeless, and which families are broken up by the state. In the process, they weaken democracy and betray our most cherished national values. This deeply researched and passionate book could not be more timely.

Your Computer Is on Fire Nov 09 2021 Technology scholars declare an emergency: attention must be paid to the inequality, marginalization, and biases woven into our technological systems. This book sounds an alarm:

we can no longer afford to be lulled into complacency by narratives of techno-utopianism, or even techno-neutrality. We should not be reassured by such soothing generalities as "human error," "virtual reality," or "the cloud." We need to realize that nothing is virtual: everything that "happens online," "virtually," or "autonomously" happens offline first, and often involves human beings whose labor is deliberately kept invisible. Everything is IRL. In *Your Computer Is on Fire*, technology scholars train a spotlight on the inequality, marginalization, and biases woven into our technological systems.

Automating Inequality Aug 31 2023 WINNER: The 2018 McGannon Center Book Prize and shortlisted for the Goddard Riverside Stephan Russo Book Prize for Social Justice The New York Times Book Review: "Riveting." Naomi Klein: "This book is downright scary." Ethan Zuckerman, MIT: "Should be required reading." Dorothy Roberts, author of *Killing the Black Body*: "A must-read." Astra Taylor, author of *The People's Platform*: "The single most important book about technology you will read this year." Cory Doctorow: "Indispensable." A powerful investigative look at data-based discrimination—and how technology affects civil and human rights and economic equity The State of Indiana denies one million applications for healthcare, foodstamps and cash benefits in three years—because

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A Biography of the Pixel Jan 29 2021 The pixel as the organizing principle of all pictures, from cave paintings to Toy Story. The Great Digital Convergence of all media types into one universal digital medium occurred, with little fanfare, at the recent turn of the millennium. The bit became the universal medium, and the pixel--a particular packaging of bits--conquered the world. Henceforward, nearly every picture in the world would be composed of pixels--cell phone pictures, app interfaces, Mars Rover transmissions, book illustrations, videogames. In A Biography of the Pixel, Pixar cofounder Alvy Ray Smith argues that the pixel is the organizing principle of most modern media, and he presents a few simple but profound ideas that unify the dazzling varieties of digital image making. Smith's story of the pixel's development begins with Fourier waves, proceeds through Turing machines, and ends with the first digital movies from Pixar, DreamWorks, and Blue Sky. Today, almost all the

pictures we encounter are digital--mediated by the pixel and irretrievably separated from their media; museums and kindergartens are two of the last outposts of the analog. Smith explains, engagingly and accessibly, how pictures composed of invisible stuff become visible--that is, how digital pixels convert to analog display elements. Taking the special case of digital movies to represent all of Digital Light (his term for pictures constructed of pixels), and drawing on his decades of work in the field, Smith approaches his subject from multiple angles--art, technology, entertainment, business, and history. A Biography of the Pixel is essential reading for anyone who has watched a video on a cell phone, played a videogame, or seen a movie.

University Technology Transfer Sep 27 2020 Tackling a complex topic in clear language, the book reveals the impressive scale of patenting, licensing, and spin-out company creation while demonstrating that university technology transfer is a commercial activity with benefits that go well beyond the opportunity to make money.

The Shock of the Old Jun 04 2021 "First published in Great Britain by Profile Books, Ltd., 2007"--T.p. verso.

Programmed Inequality Mar 14 2022 This "sobering tale of the real consequences of gender bias" explores how Britain lost its early dominance in computing by systematically discriminating against its most qualified workers: women (Harvard Magazine) In 1944, Britain led

the world in electronic computing. By 1974, the British computer industry was all but extinct. What happened in the intervening thirty years holds lessons for all postindustrial superpowers. As Britain struggled to use technology to retain its global power, the nation's inability to manage its technical labor force hobbled its transition into the information age. In *Programmed Inequality*, Mar Hicks explores the story of labor feminization and gendered technocracy that undercut British efforts to computerize. That failure sprang from the government's systematic neglect of its largest trained technical workforce simply because they were women. Women were a hidden engine of growth in high technology from World War II to the 1960s. As computing experienced a gender flip, becoming male-identified in the 1960s and 1970s, labor problems grew into structural ones and gender discrimination caused the nation's largest computer user—the civil service and sprawling public sector—to make decisions that were disastrous for the British computer industry and the nation as a whole. Drawing on recently opened government files, personal interviews, and the archives of major British computer companies, *Programmed Inequality* takes aim at the fiction of technological meritocracy. Hicks explains why, even today, possessing technical skill is not enough to ensure that women will rise to the top in science and technology fields.

Programmed Inequality shows how the disappearance of women from the field had grave macroeconomic consequences for Britain, and why the United States risks repeating those errors in the twenty-first century.

Algorithms of Oppression Feb 10 2022

Acknowledgments -- Introduction: the power of algorithms -- A society, searching -- Searching for Black girls -- Searching for people and communities -- Searching for protections from search engines -- The future of knowledge in the public -- The future of information culture -- Conclusion: algorithms of oppression -- Epilogue -- Notes -- Bibliography -- Index -- About the author

The Changing Body Jun 24 2020 Humans have become much taller and heavier, and experience healthier and longer lives than ever before in human history. However it is only recently that historians, economists, human biologists and demographers have linked the changing size, shape and capability of the human body to economic and demographic change. This fascinating and groundbreaking book presents an accessible introduction to the field of anthropometric history, surveying the causes and consequences of changes in health and mortality, diet and the disease environment in Europe and the United States since 1700. It examines how we define and measure health and nutrition as well as key issues such as whether increased longevity

contributes to greater productivity or, instead, imposes burdens on society through the higher costs of healthcare and pensions. The result is a major contribution to economic and social history with important implications for today's developing world and the health trends of the future.

Advanced Industrial Control Technology Oct 21 2022
Control engineering seeks to understand physical systems, using mathematical modeling, in terms of inputs, outputs and various components with different behaviors. It has an essential role in a wide range of control systems, from household appliances to space flight. This book provides an in-depth view of the technologies that are implemented in most varieties of modern industrial control engineering. A solid grounding is provided in traditional control techniques, followed by detailed examination of modern control techniques such as real-time, distributed, robotic, embedded, computer and wireless control technologies. For each technology, the book discusses its full profile, from the field layer and the control layer to the operator layer. It also includes all the interfaces in industrial control systems: between controllers and systems; between different layers; and between operators and systems. It not only describes the details of both real-time operating systems and distributed operating systems, but also provides coverage of the microprocessor boot code, which other

books lack. In addition to working principles and operation mechanisms, this book emphasizes the practical issues of components, devices and hardware circuits, giving the specification parameters, install procedures, calibration and configuration methodologies needed for engineers to put the theory into practice. Documents all the key technologies of a wide range of industrial control systems Emphasizes practical application and methods alongside theory and principles An ideal reference for practicing engineers needing to further their understanding of the latest industrial control concepts and techniques

Weapons of Math Destruction May 16 2022 "A former Wall Street quantitative analyst sounds an alarm on mathematical modeling, a pervasive new force in society that threatens to undermine democracy and widen inequality,"--NoveList.

Poorly Understood May 28 2023 What if the idealized image of American society a land of opportunity that will reward hard work with economic success is completely wrong? Few topics have as many myths, stereotypes, and misperceptions surrounding them as that of poverty in America. The poor have been badly misunderstood since the beginnings of the country, with the rhetoric only ratcheting up in recent times. Our current era of fake news, alternative facts, and media partisanship has led to a breeding ground for all types of myths and

misinformation to gain traction and legitimacy. *Poorly Understood* is the first book to systematically address and confront many of the most widespread myths pertaining to poverty. Mark Robert Rank, Lawrence M. Eppard, and Heather E. Bullock powerfully demonstrate that the realities of poverty are much different than the myths; indeed in many ways they are more disturbing. The idealized image of American society is one of abundant opportunities, with hard work being rewarded by economic prosperity. But what if this picture is wrong? What if poverty is an experience that touches the majority of Americans? What if hard work does not necessarily lead to economic well-being? What if the reasons for poverty are largely beyond the control of individuals? And if all of the evidence necessary to disprove these myths has been readily available for years, why do they remain so stubbornly pervasive? These are much more disturbing realities to consider because they call into question the very core of America's identity. Armed with the latest research, *Poorly Understood* not only challenges the myths of poverty and inequality, but it explains why these myths continue to exist, providing an innovative blueprint for how the nation can move forward to effectively alleviate American poverty.

How People Learn Nov 29 2020 First released in the Spring of 1999, *How People Learn* has been expanded

to show how the theories and insights from the original book can translate into actions and practice, now making a real connection between classroom activities and learning behavior. This edition includes far-reaching suggestions for research that could increase the impact that classroom teaching has on actual learning. Like the original edition, this book offers exciting new research about the mind and the brain that provides answers to a number of compelling questions. When do infants begin to learn? How do experts learn and how is this different from non-experts? What can teachers and schools do--with curricula, classroom settings, and teaching methods--to help children learn most effectively? New evidence from many branches of science has significantly added to our understanding of what it means to know, from the neural processes that occur during learning to the influence of culture on what people see and absorb. *How People Learn* examines these findings and their implications for what we teach, how we teach it, and how we assess what our children learn. The book uses exemplary teaching to illustrate how approaches based on what we now know result in in-depth learning. This new knowledge calls into question concepts and practices firmly entrenched in our current education system. Topics include: How learning actually changes the physical structure of the brain. How existing knowledge affects what people notice and how they

learn. What the thought processes of experts tell us about how to teach. The amazing learning potential of infants. The relationship of classroom learning and everyday settings of community and workplace. Learning needs and opportunities for teachers. A realistic look at the role of technology in education.

Race After Technology Feb 22 2023 From everyday apps to complex algorithms, Ruha Benjamin cuts through tech-industry hype to understand how emerging technologies can reinforce White supremacy and deepen social inequity. Benjamin argues that automation, far from being a sinister story of racist programmers scheming on the dark web, has the potential to hide, speed up, and deepen discrimination while appearing neutral and even benevolent when compared to the racism of a previous era. Presenting the concept of the “New Jim Code,” she shows how a range of discriminatory designs encode inequity by explicitly amplifying racial hierarchies; by ignoring but thereby replicating social divisions; or by aiming to fix racial bias but ultimately doing quite the opposite. Moreover, she makes a compelling case for race itself as a kind of technology, designed to stratify and sanctify social injustice in the architecture of everyday life. This illuminating guide provides conceptual tools for decoding tech promises with sociologically informed skepticism. In doing so, it challenges us to question not only the

technologies we are sold but also the ones we ourselves manufacture. Visit the book's free Discussion Guide [here](#).

Artificial Intelligence in Healthcare Jul 26 2020 Artificial Intelligence (AI) in Healthcare is more than a comprehensive introduction to artificial intelligence as a tool in the generation and analysis of healthcare data. The book is split into two sections where the first section describes the current healthcare challenges and the rise of AI in this arena. The ten following chapters are written by specialists in each area, covering the whole healthcare ecosystem. First, the AI applications in drug design and drug development are presented followed by its applications in the field of cancer diagnostics, treatment and medical imaging. Subsequently, the application of AI in medical devices and surgery are covered as well as remote patient monitoring. Finally, the book dives into the topics of security, privacy, information sharing, health insurances and legal aspects of AI in healthcare. Highlights different data techniques in healthcare data analysis, including machine learning and data mining Illustrates different applications and challenges across the design, implementation and management of intelligent systems and healthcare data networks Includes applications and case studies across all areas of AI in healthcare data

The Age of Surveillance Capitalism Jul 06 2021 The

challenges to humanity posed by the digital future, the first detailed examination of the unprecedented form of power called "surveillance capitalism," and the quest by powerful corporations to predict and control our behavior. In this masterwork of original thinking and research, Shoshana Zuboff provides startling insights into the phenomenon that she has named surveillance capitalism. The stakes could not be higher: a global architecture of behavior modification threatens human nature in the twenty-first century just as industrial capitalism disfigured the natural world in the twentieth. Zuboff vividly brings to life the consequences as surveillance capitalism advances from Silicon Valley into every economic sector. Vast wealth and power are accumulated in ominous new "behavioral futures markets," where predictions about our behavior are bought and sold, and the production of goods and services is subordinated to a new "means of behavioral modification." The threat has shifted from a totalitarian Big Brother state to a ubiquitous digital architecture: a "Big Other" operating in the interests of surveillance capital. Here is the crucible of an unprecedented form of power marked by extreme concentrations of knowledge and free from democratic oversight. Zuboff's comprehensive and moving analysis lays bare the threats to twenty-first century society: a controlled "hive" of total connection that seduces with promises of total

certainty for maximum profit -- at the expense of democracy, freedom, and our human future. With little resistance from law or society, surveillance capitalism is on the verge of dominating the social order and shaping the digital future -- if we let it.

Ditch That Textbook Aug 07 2021 Textbooks are symbols of centuries-old education. They're often outdated as soon as they hit students' desks. Acting "by the textbook" implies compliance and a lack of creativity. It's time to ditch those textbooks--and those textbook assumptions about learning In Ditch That Textbook, teacher and blogger Matt Miller encourages educators to throw out meaningless, pedestrian teaching and learning practices. He empowers them to evolve and improve on old, standard, teaching methods. Ditch That Textbook is a support system, toolbox, and manifesto to help educators free their teaching and revolutionize their classrooms.

50+ Tech Tools for School Counselors Dec 11 2021 Digital tools that can transform your practice Educating students in the 21st century is about more than preparing them for work in the digital age; it's also about connecting with the whole student and transcending barriers. 50+ Tech Tools for the 21st Century School Counselors provides insightful descriptions of tools that can be used to not only enrich intervention and instruction but also guide decision making, streamline

work, enhance communication, and promote happier students. Readers will find: a framework for leadership and advocacy through the lens of technology vignettes demonstrating implementation and quotes from students and other stakeholders step-by-step guides and checklists Perspectives from counselors around the country that provide a peer-to-peer feel narratives, technical descriptions, and diagrams

Machine See, Machine Do Apr 22 2020

Tools and Weapons Jan 12 2022 The instant New York Times bestseller. From Microsoft's president and one of the tech industry's broadest thinkers, a frank and thoughtful reckoning with how to balance enormous promise and existential risk as the digitization of everything accelerates. "A colorful and insightful insiders' view of how technology is both empowering and threatening us. From privacy to cyberattacks, this timely book is a useful guide for how to navigate the digital future." —Walter Isaacson Microsoft President Brad Smith operates by a simple core belief: When your technology changes the world, you bear a responsibility to help address the world you have helped create. This might seem uncontroversial, but it flies in the face of a tech sector long obsessed with rapid growth and sometimes on disruption as an end in itself. While sweeping digital transformation holds great promise, we have reached an inflection point. The world has turned

information technology into both a powerful tool and a formidable weapon, and new approaches are needed to manage an era defined by even more powerful inventions like artificial intelligence. Companies that create technology must accept greater responsibility for the future, and governments will need to regulate technology by moving faster and catching up with the pace of innovation. In *Tools and Weapons*, Brad Smith and Carol Ann Browne bring us a captivating narrative from the cockpit of one of the world's largest and most powerful tech companies as it finds itself in the middle of some of the thorniest emerging issues of our time. These are challenges that come with no preexisting playbook, including privacy, cybercrime and cyberwar, social media, the moral conundrums of artificial intelligence, big tech's relationship to inequality, and the challenges for democracy, far and near. While in no way a self-glorifying "Microsoft memoir," the book pulls back the curtain remarkably wide onto some of the company's most crucial recent decision points as it strives to protect the hopes technology offers against the very real threats it also presents. There are huge ramifications for communities and countries, and Brad Smith provides a thoughtful and urgent contribution to that effort.

Technology, Activism, and Social Justice in a Digital Age Dec 31 2020 Technology, Activism, and Social Justice in a Digital Age offers a close look at both the

present nature and future prospects for social change. In particular, the text explores the cutting edge of technology and social change, while discussing developments in social media, civic technology, and leaderless organizations -- as well as more traditional approaches to social change. It effectively assembles a rich variety of perspectives to the issue of technology and social change; the featured authors are academics and practitioners (representing both new voices and experienced researchers) who share a common devotion to a future that is just, fair, and supportive of human potential. They come from the fields of social work, public administration, journalism, law, philanthropy, urban affairs, planning, and education, and their work builds upon 30-plus years of research. The authors' efforts to examine changing nature of social change organizations and the issues they face will help readers reflect upon modern advocacy, social change, and the potential to utilize technology in making a difference.

The Encyclopaedia Britannica May 23 2020

Technology of the Oppressed Sep 07 2021 How Brazilian favela residents engage with and appropriate technologies, both to fight the oppression in their lives and to represent themselves in the world. Brazilian favelas are impoverished settlements usually located on hillsides or the outskirts of a city. In Technology of the

Oppressed, David Nemer draws on extensive ethnographic fieldwork to provide a rich account of how favela residents engage with technology in community technology centers and in their everyday lives. Their stories reveal the structural violence of the information age. But they also show how those oppressed by technology don't just reject it, but consciously resist and appropriate it, and how their experiences with digital technologies enable them to navigate both digital and nondigital sources of oppression—and even, at times, to flourish. Nemer uses a decolonial and intersectional framework called Mundane Technology as an analytical tool to understand how digital technologies can simultaneously be sites of oppression and tools in the fight for freedom. Building on the work of the Brazilian educator and philosopher Paulo Freire, he shows how the favela residents appropriate everyday technologies—technological artifacts (cell phones, Facebook), operations (repair), and spaces (Telecenters and Lan Houses)—and use them to alleviate the oppression in their everyday lives. He also addresses the relationship of misinformation to radicalization and the rise of the new far right. Contrary to the simplistic techno-optimistic belief that technology will save the poor, even with access to technology these marginalized people face numerous sources of oppression, including technological biases, racism, classism, sexism, and

ensorship. Yet the spirit, love, community, resilience, and resistance of favela residents make possible their pursuit of freedom.

The Digital Disconnect Apr 14 2022 With the increased digitisation of society comes an increased concern about who is left behind. From societal causes to the impact of everyday actions, The Digital Disconnect explores the relationship between digital and social inequalities, and the lived consequences of digitisation. Ellen Helsper goes beyond questions of digital divides and who is connected. She asks why and how social and digital inequalities are linked and shows the tangible outcomes of socio-digital inequalities in everyday lives. The book: Introduces the key theories and concepts needed to understand both 'traditional' and digital inequalities research. Investigates a range of socio-digital inequalities, from digital access and skills, to civic participation, social engagement, and everyday content creation and consumption. Brings research to life with a range of qualitative vignettes, drawing out the personal experiences that lay at the heart of global socio-digital inequalities. The Digital Disconnect is an expert exploration of contemporary theory, research and practice in socio-digital inequalities. It is also an urgent and impassioned call to broaden horizons, expand theoretical and methodological toolkits, and work collectively to help achieve a fairer digital future for all.

Ellen J. Helsper is Professor of Digital Inequalities at the Department of Media and Communications at London School of Economics and Political Science.

Captivating Technology Mar 02 2021 The contributors to *Captivating Technology* examine how carceral technologies such as electronic ankle monitors and predictive-policing algorithms are being deployed to classify and coerce specific populations and whether these innovations can be appropriated and reimagined for more liberatory ends.

Ain't Gonna Let Nobody Turn Me Around Mar 26 2023 Reveals a remarkable woman's life and her contributions to social justice movements related to Civil Rights, feminism, lesbian and gay liberation, anti-racism, and Black feminism. As an organizer, writer, publisher, scholar-activist, and elected official, Barbara Smith has played key roles in multiple social justice movements, including Civil Rights, feminism, lesbian and gay liberation, anti-racism, and Black feminism. Her four decades of grassroots activism forged collaborations that introduced the idea that oppression must be fought on a variety of fronts simultaneously, including gender, race, class, and sexuality. By combining hard-to-find historical documents with new unpublished interviews with fellow activists, this book uncovers the deep roots of today's "identity politics" and "intersectionality" and serves as an essential primer for practicing solidarity and

resistance. Alethia Jones is Director of Education and Leadership Development at 1199 SEIU United Healthcare Workers East. Virginia Eubanks is Associate Professor of Women's Studies at the University at Albany, State University of New York and author of *Digital Dead End: Fighting for Social Justice in the Information Age*. Barbara Smith is Public Service Professor in the School of Social Welfare at the University at Albany, State University of New York. She served two terms as a member of the City of Albany's Common Council, and is the author of *The Truth That Never Hurts: Writings on Race, Gender, and Freedom*.

[The Black Box Society](#) Aug 19 2022 Every day, corporations are connecting the dots about our personal behavior—silently scrutinizing clues left behind by our work habits and Internet use. But who connects the dots about what firms are doing with all this information? Frank Pasquale exposes how powerful interests abuse secrecy for profit and explains ways to rein them in.

[Automating Inequality](#) Jul 30 2023 "Eubanks ... investigates the impacts of data mining, policy algorithms, and predictive risk models on poor and working-class people in America"--Amazon.com.

[Digitize and Punish](#) Jul 18 2022 Tracing the rise of digital computing in policing and punishment and its harmful impact on criminalized communities of color The U.S. Bureau of Justice Statistics estimates that law

enforcement agencies have access to more than 100 million names stored in criminal history databases. In some cities, 80 percent of the black male population is registered in these databases. *Digitize and Punish* explores the long history of digital computing and criminal justice, revealing how big tech, computer scientists, university researchers, and state actors have digitized carceral governance over the past forty years—with devastating impact on poor communities of color. Providing a comprehensive study of the use of digital technology in American criminal justice, Brian Jefferson shows how the technology has expanded the wars on crime and drugs, enabling our current state of mass incarceration and further entrenching the nation's racialized policing and punishment. After examining how the criminal justice system conceptualized the benefits of computers to surveil criminalized populations, Jefferson focuses on New York City and Chicago to provide a grounded account of the deployment of digital computing in urban police departments. By highlighting the intersection of policing and punishment with big data and web technology—resulting in the development of the criminal justice system's latest tool, crime data centers—*Digitize and Punish* makes clear the extent to which digital technologies have transformed and intensified the nature of carceral power.

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