The Transparent Society Will Technology Force Us To Choose Between Privacy And Freedom David Brin

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The Elements of Journalism Bill Kovach 2001-07-24 In July 1997, twenty-five of America's most influential journalists sat down to try and discover what had happened to their profession in the years between Watergate and Whitewater. What they knew was that the public no longer trusted the press as it once had. They were keenly aware of the pressures that advertisers and new technologies were putting on newsrooms around the country. But, more than anything, they were aware that readers, listeners, and viewers — the people who use the news — were turning away from it in droves. There were many reasons for the public's growing lack of trust. On television, there were the ads that looked like news shows and programs that presented gossip and press releases as if they were news. There were the "docudramas," television movies that were an uneasy blend of fact and fiction and which purported to show viewers how events had "really" happened. At newspapers and magazines, celebrity was replacing news, newsroom budgets were being slashed, and editors were pushing journalists for more "edge" and "attitude" in place of reporting. And, on the radio, powerful talk personalities led their listeners from sensation to sensation, from fact to fantasy, while deriding traditional journalism. Fact was blending with fiction, news with entertainment, journalism with rumor. Calling themselves the Committee of Concerned Journalists, the twenty-five determined to find how the news had found itself in this state. Drawn from the committee's years of intensive research, dozens of surveys of readers, listeners, viewers, editors, and journalists, and more than one hundred intensive interviews with journalists and editors, The Elements of Journalism is the first book ever to spell out — both for those who create and those who consume the news — the principles and responsibilities of journalism. Written by Bill Kovach and Tom Rosenstiel, two of the nation's preeminent press critics, this is one of the most provocative books about the role of information in society in more than a generation and one of the most important ever written about news. By offering in turn each of the principles that should govern reporting, Kovach and Rosenstiel show how some of the most common conceptions about the press, such as neutrality, fairness, and balance, are actually modern misconceptions. They also spell out how the news should be gathered, written, and reported even as they demonstrate why the First Amendment is on the brink of becoming a commercial right rather than something any American citizen can enjoy. The Elements of Journalism is already igniting a national dialogue on issues vital to us all. This book will be the starting point for discussions by journalists and members of the public about the nature of journalism and the access that we all enjoy to information for years to come.
Nothing to Hide Daniel J. Solove 2011-05-31 "If you've got nothing to hide," many people say, "you shouldn't worry about government surveillance." Others argue that we must sacrifice privacy for security. But as Daniel J. Solove argues in this important book, these arguments and many others are flawed. They are based on mistaken views about what it means to protect privacy and the costs and benefits of doing so. The debate between privacy

and security has been framed incorrectly as a zero-sum game in which we are forced to choose between one value and the other. Why can't we have both? In this concise and accessible book, Solove exposes the fallacies of many pro-security arguments that have skewed law and policy to favor security at the expense of privacy. Protecting privacy isn't fatal to security measures; it merely involves adequate oversight and regulation. Solove traces the history of the privacy-security debate from the Revolution to the present day. He explains how the law protects privacy and examines concerns with new technologies. He then points out the failings of our current system and offers specific remedies. Nothing to Hide makes a powerful and compelling case for reaching a better balance between privacy and security and reveals why doing so is essential to protect our freedom and democracy"-- Jacket.
Glory Season David Brin 2011-08-31 Hugo and Nebula award-winning author David Brin is one of the most eloquent, imaginative voices in science fiction. Now he returns with a new novel rich in texture, universal in theme, monumental in scope--pushing the genre to new heights. Young Maia is fast approaching a turning point in her life. As a half-caste var, she must leave the clan home of her privileged half sisters and seek her fortune in the world. With her twin sister, Leie, she searches the docks of Port Sanger for an apprenticeship aboard the vessels that sail the trade routes of the Stratoin oceans. On her far-reaching, perilous journey of discovery, Maia will endure hardship and hunger, imprisonment and loneliness, bloody battles with pirates and separation from her twin. And along the way, she will meet a traveler who has come an unimaginable distance--and who threatens the delicate balance of the Stratoins' carefully maintained, perfect society.... Both exciting and insightful, Glory Season is a major novel, a transcendent saga of the human spirit.
Data and Goliath: The Hidden Battles to Collect Your Data and Control Your World Bruce Schneier 2015-03-02 "Bruce Schneier's amazing book is the best overview of privacy and security ever written."—Clay Shirky "Bruce Schneier's amazing book is the best overview of privacy and security ever written."—Clay Shirky Your cell phone provider tracks your location and knows who's with you. Your online and in-store purchasing patterns are recorded, and reveal if you're unemployed, sick, or pregnant. Your e-mails and texts expose your intimate and casual friends. Google knows what you're thinking because it saves your private searches. Facebook can determine your sexual orientation without you ever mentioning it. The powers that surveil us do more than simply store this information. Corporations use surveillance to manipulate not only the news articles and advertisements we each see, but also the prices we're offered. Governments use surveillance to discriminate, censor, chill free speech, and put people in danger worldwide. And both sides share this information with each other or, even worse, lose it to cybercriminals in huge data breaches. Much of this is voluntary: we cooperate with corporate surveillance because it promises us convenience, and we submit to government surveillance because it promises us protection.

The result is a mass surveillance society of our own making. But have we given up more than we've gained? In Data and Goliath, security expert Bruce Schneier offers another path, one that values both security and privacy. He brings his bestseller up-to-date with a new preface covering the latest developments, and then shows us exactly what we can do to reform government surveillance programs, shake up surveillance-based business models, and protect our individual privacy. You'll never look at your phone, your computer, your credit cards, or even your car in the same way again.

Technology and the Virtues Shannon Vallor 2016-08-02 The 21st century offers a dizzying array of new technological developments: robots smart enough to take white collar jobs, social media tools that manage our most important relationships, ordinary objects that track, record, analyze and share every detail of our daily lives, and biomedical techniques with the potential to transform and enhance human minds and bodies to an unprecedented degree. Emerging technologies are reshaping our habits, practices, institutions, cultures and environments in increasingly rapid, complex and unpredictable ways that create profound risks and opportunities for human flourishing on a global scale. How can our future be protected in such challenging and uncertain conditions? How can we possibly improve the chances that the human family will not only live, but live well, into the 21st century and beyond? This book locates a key to that future in the distant past: specifically, in the philosophical traditions of virtue ethics developed by classical thinkers from Aristotle and Confucius to the Buddha. Each developed a way of seeking the good life that equips human beings with the moral and intellectual character to flourish even in the most unpredictable, complex and unstable situations--precisely where we find ourselves today. Through an examination of the many risks and opportunities presented by rapidly changing technosocial conditions, Vallor makes the case that if we are to have any real hope of securing a future worth wanting, then we will need more than just better technologies. We will also need better humans. Technology and the Virtues develops a practical framework for seeking that goal by means of the deliberate cultivation of technomoral virtues: specific skills and strengths of character, adapted to the unique challenges of 21st century life, that offer the human family our best chance of learning to live wisely and well with emerging technologies.

New Power Jeremy Heimans 2018-04-03 From two influential and visionary thinkers comes a big idea that is changing the way movements catch fire and ideas spread in our highly connected world. For the vast majority of human history, power has been held by the few. "Old power" is closed, inaccessible, and leader-driven. Once gained, it is jealously guarded, and the powerful spend it carefully, like currency. But the technological revolution of the past two decades has made possible a new form of power, one that operates differently, like a current. "New power" is made by many; it is open, participatory, often leaderless, and peer-driven. Like water or electricity, it is most forceful when it surges. The goal with new power is not to hoard it, but to channel it. New power is behind the rise of participatory communities like Facebook and YouTube, sharing services like Uber and Airbnb, and rapid-fire social movements like Brexit and #BlackLivesMatter. It explains the unlikely success of Barack Obama's 2008 campaign and the unlikelier victory of Donald Trump in 2016. And it gives ISIS its power to propagate its brand and distribute its violence. Even old power institutions like the Papacy, NASA, and LEGO have tapped into the strength of the crowd to stage improbable reinventions. In New Power, the business leaders/social visionaries Jeremy Heimans and Henry Timms provide the tools for using new power to successfully spread an idea or lead a movement in the twenty-first century. Drawing on examples from business, politics, and social justice, they explain the new world we live in--a world where connectivity has made change shocking and swift and a world in which everyone expects to participate.

Conquests and Cultures Thomas Sowell 2008-08-01 This book is the culmination of 15 years of research and travels that have taken the author completely around the world twice, as well as on other travels in the Mediterranean, the Baltic, and around the Pacific rim. Its purpose has been to try to understand the role of cultural differences

within nations and between nations, today and over centuries of history, in shaping the economic and social fates of peoples and of whole civilizations. Focusing on four major cultural areas(that of the British, the Africans (including the African diaspora), the Slavs of Eastern Europe, and the indigenous peoples of the Western Hemisphere-- Conquests and Cultures reveals patterns that encompass not only these peoples but others and help explain the role of cultural evolution in economic, social, and political development.

Heaven's Reach David Brin 2009-12-30 Winner of the Nebula and Hugo Awards, David Brin brings his bestselling Uplift series to a magnificent conclusion with his most imaginative and powerful novel to date--the shattering epic of a universe poised on the brink of revelation...or annihilation. The brutal enemy that has relentlessly pursued them for centuries has arrived. Now the fugitive settlers of Jijo--both human and alien--brace for a final confrontation. The Jijoans' only hope is the Earthship Streaker, crewed by uplifted dolphins and commanded by an untested human. Yet more than just the fate of Jijo hangs in the balance. For Streaker carries a cargo of ancient artifacts that may unlock the secret of those who first brought intelligent life to the Galaxies. Many believe a dire prophecy has come to pass: an age of terrifying changes that could end Galactic civilization. As dozens of white dwarf stars stand ready to explode, the survival of sentient life in the universe rests on the most improbable dream of all--that age-old antagonists of different races can at last recognize the unity of all consciousness.

The Fourth Industrial Revolution Klaus Schwab 2017 Between the 18th and 19th centuries, Britain experienced massive leaps in technological, scientific, and economical advancement

Windows Into the Soul Gary T. Marx 2016-05-31 In Windows into the Soul, Gary T. Marx sums up a lifetime of work on issues of surveillance and social control by disentangling and parsing the empirical richness of watching and being watched. Ultimately, Marx argues, recognizing complexity and asking the right questions is essential to bringing light and accountability to the darker, more iniquitous corners of our emerging surveillance society.

Data Smog David Shenk 2009-10-13 Media scholar (and Internet Enthusiast) David Shenk examines the troubling effects of information proliferation on our bodies, our brains, our relationships, and our culture, then offers strikingly down-to-earth insights for coping with the deluge. With a skillful mixture of personal essay, firsthand reportage, and sharp analysis, Shenk illustrates the central paradox of our time: as our world gets more complex, our responses to it become increasingly simplistic. He draws convincing links between data smog and stress distraction, indecision, cultural fragmentation, social vulgarity, and more. But there's hope for a saner, more meaningful future, as Shenk offers a wealth of novel prescriptions—both personal and societal—for dispelling data smog.

The Sum of the People Andrew Whitby 2020-03-31 This fascinating three-thousand-year history of the census traces the making of the modern survey and explores its political power in the age of big data and surveillance. In April 2020, the United States will embark on what has been called "the largest peacetime mobilization in American history": the decennial population census. It is part of a tradition of counting people that goes back at least three millennia and now spans the globe. In The Sum of the People, data scientist Andrew Whitby traces the remarkable history of the census, from ancient China and the Roman Empire, through revolutionary America and Nazi-occupied Europe, to the steps of the Supreme Court. Marvels of democracy, instruments of exclusion, and, at worst, tools of tyranny and genocide, censuses have always profoundly shaped the societies we've built. Today, as we struggle to resist the creep of mass surveillance, the traditional census -- direct and transparent -- may offer the seeds of an alternative.

The Postman David Brin 2011-04-06 NOW A MAJOR MOTION PICTURE • "A moving experience . . . a powerful cautionary tale."—Whitley Strieber He was a survivor—a wanderer who traded tales for food and shelter in the dark and savage aftermath of a devastating war. Fate touches him one chill winter's day when he borrows the jacket of a long-dead postal worker to protect himself from the cold. The old, worn uniform still has power as a

symbol of hope, and with it he begins to weave his greatest tale, of a nation on the road to recovery. This is the story of a lie that became the most powerful kind of truth. A timeless novel as urgently compelling as War Day or Alas, Babylon, David Brin's The Postman is the dramatically moving saga of a man who rekindled the spirit of America through the power of a dream, from a modern master of science fiction. "The Postman will keep you engrossed until you've finished the last page."—Chicago Tribune

The Digital Person Daniel J Solove 2004 In a revealing study of how digital dossiers are created (usually without our knowledge), the author argues that we must rethink our understanding of what privacy is and what it means in the digital age, and then reform the laws that define and regulate it. Reprint.

AC/DC Tom McNichol 2011-01-06 AC/DC tells the little-known story of how Thomas Edison wrongly bet in the fierce war between supporters of alternating current and direct current. The savagery of this electrical battle can hardly be imagined today. The showdown between AC and DC began as a rather straightforward conflict between technical standards, a battle of competing methods to deliver essentially the same product, electricity. But the skirmish soon metastasized into something bigger and darker. In the AC/DC battle, the worst aspects of human nature somehow got caught up in the wires; a silent, deadly flow of arrogance, vanity, and cruelty. Following the path of least resistance, the war of currents soon settled around that most primal of human emotions: fear. AC/DC serves as an object lesson in bad business strategy and poor decision making. Edison's inability to see his mistake was a key factor in his loss of control over the ?operating system? for his future inventions?not to mention the company he founded, General Electric.

The Life Eaters David Brin 2015-02-10 Brought back to the mortal plane by sorcery, the Norse Gods joined the battlefields of World War II leading to major Nazi victories, but with the war still raging a generation later, the final battle lines are being drawn.

Existence David Brin 2013-02-26 In a future world dominated by a neural-link web where people can tune into live events and revolutions can be instantly sparked, an active alien communication device is discovered in orbit around the Earth, triggering an international upheaval of fear, hope and violence. Reprint.

The Transparent Society David Brin 1999-05-07 In New York and Baltimore, police cameras scan public areas twenty-four hours a day. Huge commercial databases track you finances and sell that information to anyone willing to pay. Host sites on the World Wide Web record every page you view, and "smart" toll roads know where you drive. Every day, new technology nibbles at our privacy.Does that make you nervous? David Brin is worried, but not just about privacy. He fears that society will overreact to these technologies by restricting the flow of information, frantically enforcing a reign of secrecy. Such measures, he warns, won't really preserve our privacy. Governments, the wealthy, criminals, and the techno-elite will still find ways to watch us. But we'll have fewer ways to watch them. We'll lose the key to a free society: accountability.The Transparent Society is a call for "reciprocal transparency." If police cameras watch us, shouldn't we be able to watch police stations? If credit bureaus sell our data, shouldn't we know who buys it? Rather than cling to an illusion of anonymity-a historical anomaly, given our origins in close-knit villages-we should focus on guarding the most important forms of privacy and preserving mutual accountability. The biggest threat to our freedom, Brin warns, is that surveillance technology will be used by too few people, now by too many.A society of glass houses may seem too fragile. Fearing technology-aided crime, governments seek to restrict online anonymity; fearing technology-aided tyranny, citizens call for encrypting all data. Brins shows how, contrary to both approaches, windows offer us much better protection than walls; after all, the strongest deterrent against snooping has always been the fear of being spotted. Furthermore, Brin argues, Western culture now encourages eccentricity-we're programmed to rebel! That gives our society a natural protection against error and wrong-doing, like a body's immune system. But "social T-cells" need openness to spot trouble and get the word out. The Transparent Society is full of such

provocative and far-reaching analysis.The inescapable rush of technology is forcing us to make new choices about how we want to live. This daring book reminds us that an open society is more robust and flexible than one where secrecy reigns. In an era of gnat-sized cameras, universal databases, and clothes-penetrating radar, it will be more vital than ever for us to be able to watch the watchers. With reciprocal transparency we can detect dangers early and expose wrong-doers. We can gauge the credibility of pundits and politicians. We can share technological advances and news. But all of these benefits depend on the free, two-way flow of information.

Engaging Privacy and Information Technology in a Digital Age National Research Council 2007-06-28 Privacy is a growing concern in the United States and around the world. The spread of the Internet and the seemingly boundaryless options for collecting, saving, sharing, and comparing information trigger consumer worries. Online practices of business and government agencies may present new ways to compromise privacy, and e-commerce and technologies that make a wide range of personal information available to anyone with a Web browser only begin to hint at the possibilities for inappropriate or unwarranted intrusion into our personal lives. Engaging Privacy and Information Technology in a Digital Age presents a comprehensive and multidisciplinary examination of privacy in the information age. It explores such important concepts as how the threats to privacy evolving, how can privacy be protected and how society can balance the interests of individuals, businesses and government in ways that promote privacy reasonably and effectively? This book seeks to raise awareness of the web of connectedness among the actions one takes and the privacy policies that are enacted, and provides a variety of tools and concepts with which debates over privacy can be more fruitfully engaged. Engaging Privacy and Information Technology in a Digital Age focuses on three major components affecting notions, perceptions, and expectations of privacy: technological change, societal shifts, and circumstantial discontinuities. This book will be of special interest to anyone interested in understanding why privacy issues are often so intractable.

Kizzy Ann Stamps Jeri Watts 2012-08-14 Taking things in stride is not easy for Kizzy Ann, but with her border collie, Shag, stalwart at her side, she sets out to live a life as sweet as syrup on cornbread. In 1963, as Kizzy Ann prepares for her first year at an integrated school, she worries about the color of her skin, the scar running from the corner of her right eye to the tip of her smile, and whether anyone at the white school will like her. She writes letters to her new teacher in a clear, insistent voice, stating her troubles and asking questions with startling honesty. The new teacher is supportive, but not everyone feels the same, so there is a lot to write about. Her brother, James, is having a far less positive school experience than she is, and the annoying white neighbor boy won't leave her alone. But Shag, her border collie, is her refuge. Even so, opportunity clashes with obstacle. Kizzy Ann knows she and Shag could compete well in the dog trials, but will she be able to enter? From Jeri Watts comes an inspiring middle-grade novel about opening your mind to the troubles and scars we all must bear — and facing life with hope and trust.

Abundance Peter H. Diamandis 2014-09-23 The authors document how four forces--exponential technologies, the DIY innovator, the Technophilanthropist, and the Rising Billion--are conspiring to solve our biggest problems. "Abundance" establishes hard targets for change and lays out a strategic roadmap for governments, industry and entrepreneurs, giving us plenty of reason for optimism.

Making Politics Work for Development World Bank 2016-07-14 Governments fail to provide the public goods needed for development when its leaders knowingly and deliberately ignore sound technical advice or are unable to follow it, despite the best of intentions, because of political constraints. This report focuses on two forces—citizen engagement and transparency—that hold the key to solving government failures by shaping how political markets function. Citizens are not only queueing at voting booths, but are also taking to the streets and using diverse media to pressure, sanction and select the leaders who wield power within government, including by entering as contenders for leadership. This political engagement can function in highly nuanced ways within the same formal

institutional context and across the political spectrum, from autocracies to democracies. Unhealthy political engagement, when leaders are selected and sanctioned on the basis of their provision of private benefits rather than public goods, gives rise to government failures. The solutions to these failures lie in fostering healthy political engagement within any institutional context, and not in circumventing or suppressing it. Transparency, which is citizen access to publicly available information about the actions of those in government, and the consequences of these actions, can play a crucial role by nourishing political engagement.

The Best of David Brin David Brin 2021-07-31 One doesn't have to know the world perfectly, in order to know it better. That lesson--first taught by Galileo--dwells at the core of both science and science fiction, according to legendary author David Brin. Dangers and great challenges confront the characters of his stories and award-winning novels such as The Uplift War and The Postman. But even when the odds are steep and disaster looms, there remain possibilities... ...such as when a hero climbs an impossible mountain to confront Fate itself, in "The Loom of Thessaly," or when world powers battle over a Vegas magician's knack for prediction, in "The Tell," or uncovering ancient terrors long-buried under an urban landfill ("Detritus Affected"), or when a mother in labor fights to save her child from an invention gone-wrong ("Dr. Pak's Preschool"). Brin has thrilled readers in almost thirty languages by presenting vastly imaginative--and well-grounded--challenges set in times that might yet come...along with a sometimes razor-thin hope we'll persevere. In this major retrospective collection of shorter work, gathered from across an extraordinary career spanning decades, you'll find wonder via David Brin's unparalleled talent at imagination, extrapolation, hard headed optimism, and plain old fun. Here, you will find "The Crystal Spheres," the Hugo Award winning short story that first brought Brin wide acclaim, posing one more--colorfully strange--answer to: "Are we alone in the universe?" Before The Postman won awards as a novel and became a major motion picture, that tale of a storyteller reviving dreams of a better world originated in the Hugo-nominated novella that's included here. Confronting one of the oldest challenges in modern SF--"What if the Nazis won?"--Brin presents an unexpected answer in "Thor Meets Captain America." And his penchant for offering I-hadn't-thought-of-that! answers, as well as questions, erupts in "Stones of Significance," a post-Singularity world where human identity can and will survive technological evolution. Writing of that last story, Brin says that "Ideas are like fruit, watered with patience and observation--but pollinated by surprise!" Here, in more than twenty stories representing the best work of a masterful writer, readers will find an entire orchard of ideas, rooted in guarded optimism and stretching skyward towards a multitude of possible worlds.

Technology and Privacy Philip E. Agre 1998 Over the last several years, the realm of technology and privacy has been transformed, creating a landscape that is both dangerous and encouraging. Significant changes include large increases in communications bandwidths; the widespread adoption of computer networking and public-key cryptography; new digital media that support a wide range of social relationships; a massive body of practical experience in the development and application of data-protection laws; and the rapid globalization of manufacturing, culture, and policy making. The essays in this book provide a new conceptual framework for the analysis and debate of privacy policy and for the design and development of information systems.

Technology and the Virtues Shannon Vallor 2016 The 21st century offers a dizzying array of new technological developments: robots smart enough to take white collar jobs, social media tools that manage our most important relationships, ordinary objects that track, record, analyze and share every detail of our daily lives, and biomedical techniques with the potential to transform and enhance human minds and bodies to an unprecedented degree. Emerging technologies are reshaping our habits, practices, institutions, cultures and environments in increasingly rapid, complex and unpredictable ways that create profound risks and opportunities for human flourishing on a global scale. How can our future be protected in such challenging and uncertain conditions? How can we possibly improve the chances that the human family will not only live, but live well, into the 21st century and beyond?

This book locates a key to that future in the distant past: specifically, in the philosophical traditions of virtue ethics developed by classical thinkers from Aristotle and Confucius to the Buddha. Each developed a way of seeking the good life that equips human beings with the moral and intellectual character to flourish even in the most unpredictable, complex and unstable situations--precisely where we find ourselves today. Through an examination of the many risks and opportunities presented by rapidly changing technosocial conditions, Vallor makes the case that if we are to have any real hope of securing a future worth wanting, then we will need more than just better technologies. We will also need better humans. Technology and the Virtues develops a practical framework for seeking that goal by means of the deliberate cultivation of technomoral virtues: specific skills and strengths of character, adapted to the unique challenges of 21st century life, that offer the human family our best chance of learning to live wisely and well with emerging technologies.

Studs Terkel's Working Harvey Pekar 2009 Transforms sixteen short oral histories originally published in "Working" into graphic novel vignettes, including stories from a stock broker, a labor organizer, a proofreader, a gravedigger, a mail carrier, and a jazz musician.

The Age of Surveillance Capitalism Shoshana Zuboff 2019-01-15 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.

Otherness David Brin 2015-04-15 From Hugo and Nebula winning author David Brin comes this extraordinary collection of tales and essays about the near and distant future, as humans and other intelligences encounter the secrets of the cosmos - and of their own existence. In The Giving Plague, a virus, transmitted by blood donation, begins to change humanity. In Dr. Pak's Preschool, a woman discovers that her baby has been called to work while still in the womb. In Natulife, a married couple finds their relationship threatened by the wonders of virtual reality. In Sshhh... the arrival of benevolent aliens on Earth leads to frenzied madness as humans rush to conceal their secret 'talent.' In Bubbles, a sentient starcraft reaches the limits of the universe - and dares to go beyond. What happens when an urban archaeologist discovers a terrible secret under the landfills of Los Angeles? Will there still be a purpose for "biologicals" when cybernetic humans become mighty and smart? Come explore these and another dozen startling and provocative tomorrows with a modern master of science fiction. Table of Contents The Giving Plague Myth Number 21 Dr. Pak's Preschool Detritus Affected The Dogma of Otherness Piecework Natulife Science vs. Magic Sshhh... Those Eyes What to Say to a UFO Bonding to Genji The Warm Space Whose Millennium? Bubbles Ambiguity What Continues...And What Fails... The New Meme

The Practice Effect David Brin 2009-12-23 From one of the most critically acclaimed and well-loved authors of

contemporary science fiction, a highly imaginative and exciting story as only David Brin can write . . . "High spirits and inventiveness . . . Dennis's adventures, which can only be called rollicking, are legion."—Isaac Asimov's Science Fiction Magazine Physicist Dennis Nuel was the first human to probe the strange realms called anomaly worlds—alternate universes where the laws of science were unpredictably changed. But the world Dennis discovered seemed almost like our own—with one perplexing difference. To his astonishment, he was hailed as a wizard and found himself fighting beside a beautiful woman with strange powers against a mysterious warlord as he struggled to solve the riddle of this baffling world. "A delightful, often very witty story, with the underlying thoughtfulness we expect from David Brin."—Poul Anderson

River of Time David Brin 2014-12-05 The River of Time brings together twelve of David Brin's finest stories, including "The Crystal Spheres," which won the Hugo Award for Best Science Fiction Short Story in 1985. Here are powerful tales of heroism and humanity, playful excursions into realms of fancy, and profound meditations on time, memory, and our place in the universe. Who guides our fate? And can we ever hope to wrest control for ourselves? "The Crystal Spheres" offers a fantastic explanation for the Great Silence. Instead of being latecomers, might humanity have come upon the scene too early? "The Loom of Thessaly" merges classical mythology with impudent modern spirit in a science-fiction classic that speculates on the nature of reality. "Thor Meets Captain America" offers an alternate history exploring a chilling scenario behind the Holocaust. In this parallel world, the Nazis narrowly avoid defeat in World War II when they are championed by the gods of the Norse Pantheon. Sample these and other speculations into the future of humanity in The River of Time. Table of Contents: "The Crystal Spheres" "The Loom of Thessaly" "The Fourth Vocation of George Gustaf" "Senses Three and Six" "Toujours Voir" "A Stage of Memory" "Just a Hint" "Tank Farm Dynamo" "Thor Meets Captain America" "Lungfish" "News from 2025" "The River of Time"

Transparency in Global Change Burkart Holzner 2006-01-01 An examination of the quest for information exchange in an increasingly international, open society, Transparency in Global Change discusses the reasons for the recent increase in public desire for transparency and the byproducts this transparency can produce.

Social Media and Democracy Nathaniel Persily 2020-09-03 Over the last five years, widespread concern about the effects of social media on democracy has led to an explosion in research from different disciplines and corners of academia. This book is the first of its kind to take stock of this emerging multi-disciplinary field by synthesizing what we know, identifying what we do not know and obstacles to future research, and charting a course for the future inquiry. Chapters by leading scholars cover major topics – from disinformation to hate speech to political advertising – and situate recent developments in the context of key policy questions. In addition, the book canvasses existing reform proposals in order to address widely perceived threats that social media poses to democracy. This title is also available as Open Access on Cambridge Core.

Human Factors Issues and the Impact of Technology on Society Lum, Heather 2021-05-28 Human factors are the scientific discipline concerned with the understanding of interactions among humans and other elements of a system, and the profession that applies theory, principles, data, and other methods to design to optimize human well-being and overall system performance. Human factor issues and the impact of technology on society is a topic that is only growing, and it is essential that it is considered as technology becomes more present in our daily lives. This not only impacts society now but is something to be considered for the future. It is also incredibly important for those in the human factors profession to consider the impact of technology for their work and for the users they are helping design for. Therefore, this topic has immense impact and is important to study from a research perspective to advance the understanding of how technology works, how we work, and how we as humans work within the context of the technology we use. Human Factors Issues and the Impact of Technology on Society examines the role of technology on society with a specific focus on human factors issues and how they are

associated with and related to technology use in society. A few highlighted topics within this book are digital health technologies, learning technologies, ethics in social technology, ICT use in businesses, and sustainability. These topics are only a few of examples of how this book analyzes technology in all different facets of society, making it ideal for a wide audience including human factors practitioners, technologists, sociologists, policy makers, teachers, technology developers and designers, business professionals, ethicists, researchers, academicians, students, and anyone else seeking more information on how technology is impacting society through the viewpoint of human factors.

National Security Intelligence and Ethics Seumas Miller 2021-11-08 This volume examines the ethical issues that arise as a result of national security intelligence collection and analysis. Powerful new technologies enable the collection, communication, and analysis of national security data on an unprecedented scale. Data collection now plays a central role in intelligence practice, yet this development raises a host of ethical and national security problems, such as: privacy; autonomy; threats to national security and democracy by foreign states; and accountability for liberal democracies. This volume provides a comprehensive set of in-depth ethical analyses of these problems by combining contributions from both ethics scholars and intelligence practitioners. It provides the reader with a practical understanding of relevant operations, the issues that they raise, and analysis of how responses to these issues can be informed by a commitment to liberal democratic values. This combination of perspectives is crucial in providing an informed appreciation of ethical challenges that is also grounded in the realities of the practice of intelligence. This book will be of great interest to all students of intelligence studies, ethics, security studies, foreign policy, and International Relations.

The Digital Prism Mikkel Flyverbom 2019-07-31 Many people are concerned about the unchecked powers of tech giants and the hidden operations of big data and algorithms. Yet we do not have the vocabularies to properly articulate how these digital transformations shape our lives. This book shows how the management of visibilities - our digital footprints - is a central force in the digital transformation of societies and politics. Seen through the prism of digital technologies and data, the lives of people and structuring of organizations take new shapes in our understanding. Making sense of these requires that we push beyond common ways of thinking about transparency and surveillance, and look at how managing visibilities is a central but overlooked force that influences how people live, how organizations work and how societies and politics operate.

How People Learn National Research Council 2000-08-11 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.

Transparency and Critical Theory Jorge I. Valdovinos

Technology and Society Deborah G. Johnson 2008-10-17 An anthology of writings by thinkers ranging from Freeman Dyson to Bruno Latour that focuses on the interconnections of technology, society, and values and how these may affect the future. Technological change does not happen in a vacuum; decisions about which technologies to develop, fund, market, and use engage ideas about values as well as calculations of costs and benefits. This anthology focuses on the interconnections of technology, society, and values. It offers writings by authorities as varied as Freeman Dyson, Laurence Lessig, Bruno Latour, and Judy Wajcman that will introduce readers to recent thinking about technology and provide them with conceptual tools, a theoretical framework, and knowledge to help understand how technology shapes society and how society shapes technology. It offers readers a new perspective on such current issues as globalization, the balance between security and privacy, environmental justice, and poverty in the developing world. The careful ordering of the selections and the editors' introductions give Technology and Society a coherence and flow that is unusual in anthologies. The book is suitable for use in undergraduate courses in STS and other disciplines. The selections begin with predictions of the future that range from forecasts of technological utopia to cautionary tales. These are followed by writings that explore the complexity of sociotechnical systems, presenting a picture of how technology and society work in step, shaping and being shaped by one another. Finally, the book goes back to considerations of the future, discussing twenty-first-century challenges that include nanotechnology, the role of citizens in technological decisions, and the technologies of human enhancement.

The Ethical Algorithm Michael Kearns 2019-10-04 Over the course of a generation, algorithms have gone from mathematical abstractions to powerful mediators of daily life. Algorithms have made our lives more efficient, more entertaining, and, sometimes, better informed. At the same time, complex algorithms are increasingly violating the basic rights of individual citizens. Allegedly anonymized datasets routinely leak our most sensitive personal information; statistical models for everything from mortgages to college admissions reflect racial and gender bias. Meanwhile, users manipulate algorithms to "game" search engines, spam filters, online reviewing services, and navigation apps. Understanding and improving the science behind the algorithms that run our lives is rapidly becoming one of the most pressing issues of this century. Traditional fixes, such as laws, regulations and watchdog groups, have proven woefully inadequate. Reporting from the cutting edge of scientific research, The Ethical Algorithm offers a new approach: a set of principled solutions based on the emerging and exciting science of socially aware algorithm design. Michael Kearns and Aaron Roth explain how we can better embed human principles into machine code - without halting the advance of data-driven scientific exploration. Weaving together innovative research with stories of citizens, scientists, and activists on the front lines, The Ethical Algorithm offers a compelling vision for a future, one in which we can better protect humans from the unintended impacts of algorithms while continuing to inspire wondrous advances in technology.

Roderick Beaton 2021-11-02 A sweeping history of the Greeks, from the Bronze Age to today More than two thousand years ago, the Greek city-states, led by Athens and Sparta, laid the foundation for much of modern science, the arts, politics, and law. But the influence of the Greeks did not end with the rise and fall of this classical civilization. As historian Roderick Beaton illustrates, over three millennia Greek speakers produced a series of civilizations that were rooted in southeastern Europe but again and again ranged widely across the globe. In The Greeks, Beaton traces this history from the Bronze Age Mycenaeans who built powerful fortresses at home and strong trade routes abroad, to the dramatic Eurasian conquests of Alexander the Great, to the pious Byzantines who sought to export Christianity worldwide, to today's Greek diaspora, which flourishes on five continents. The product of decades of research, this is the story of the Greeks and their global impact told as never before.

The Greeks